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Facilitating Cross National
Comparisons of Indicators
for Patient Safety at
the Health System Level
in the OECD Countries

Saskia Drösler

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**FACILITATING CROSS-NATIONAL
COMPARISONS OF INDICATORS FOR
PATIENT SAFETY AT THE HEALTH-SYSTEM
LEVEL IN THE OECD COUNTRIES**

Saskia Drösler

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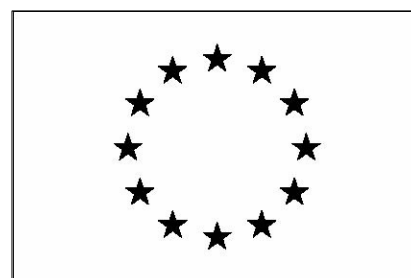
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SUMMARY

This publication was prepared to support the overall work of the OECD Health Care Quality Indicators Project in developing a set of indicators that can be used to raise questions for investigation concerning the quality of care across countries.

It provides a manual to facilitate cross national comparisons of indicators for patient safety through the provision of detailed practical advice on calculating each indicator in a selected set of Patient Safety Indicators (PSI) utilising national hospital administrative databases.

The selected indicators are:

Area	Indicator name
Hospital-acquired infections	Infection due to medical care
	Decubitus ulcer
Operative and post-operative complications	Complications of anaesthesia
	Postoperative hip fracture
	Postoperative pulmonary embolism (PE) or deep vein thrombosis (DVT)
	Postoperative sepsis
	Technical difficulty with procedure
	Postoperative respiratory failure
	Iatrogenic pneumothorax
Sentinel events	Transfusion reaction
	Foreign body left in during procedure
Obstetrics	Birth trauma - injury to neonate
	Obstetric trauma – vaginal delivery with instrument
	Obstetric trauma – vaginal delivery without instrument
	Obstetric trauma - caesarean section

For each of these indicators, the manual provides:

- Generic coding and calculation instructions related to national hospital administrative databases,
- Cross walk from ICD 9 to ICD 10 codes for each indicator,
- Detailed definitions for calculation of indicators, and
- Flow charts for visualising the calculation process.

The manual was originally designed to support the calculation of patient safety indicators in a group of countries volunteering to participate in the validation of the methodology. However it is anticipated that the material presented will also be of interest to a wider audience, including researchers and experts interested in the technical background and construction of the Patient Safety Indicators and other countries looking to develop internationally comparable health care quality indicators.

RÉSUMÉ

Cette publication a été préparée pour accompagner les travaux réalisés dans le cadre du Projet de l'OCDE sur les indicateurs de la qualité des soins visant à développer un ensemble d'indicateurs auxquels on puisse se référer pour s'interroger sur la qualité des soins et services de santé dans les différents pays.

Cette publication contient un manuel destiné à faciliter les comparaisons entre pays au regard d'indicateurs de la sécurité des patients. On y trouve des indications concrètes précises sur la façon de calculer chacun des indicateurs d'un ensemble d'indicateurs de la sécurité des patients (Patient Safety Indicators ou PSI) établis à partir de bases de données hospitalières nationales.

Les indicateurs considérés sont les suivants :

Champ	Nom de l'indicateur
Infections nosocomiales	Infections liées aux soins médicaux
	Escarres de décubitus
Complications opératoires et postopératoires	Complications d'anesthésie
	Fracture de hanche postopératoire
	Embolie pulmonaire (EP) ou thrombose veineuse profonde (TVP) postopératoire
	Septicémie postopératoire
	Difficulté technique pendant l'intervention
	Détresse respiratoire postopératoire
	Pneumothorax iatrogène
Événements sentinelles	Réaction à une transfusion
	Corps étranger laissé au cours d'une intervention
Obstétrique	Traumatisme à la naissance – traumatisme au nouveau-né
	Traumatisme obstétrical au cours d'un accouchement par voie basse avec instrument
	Traumatisme obstétrical au cours d'un accouchement par voie basse sans instrument
	Traumatisme obstétrical au cours d'une césarienne

Pour chacun de ces indicateurs, le manuel fournit :

- Les instructions de codification et de calcul à partir des bases de données hospitalières nationales,
- Les correspondances entre la CIM--9 et la CIM--10 pour chaque indicateur,
- Des définitions détaillées pour le calcul des indicateurs, et
- Des graphiques pour visualiser le processus de calcul.

Le manuel a initialement été conçu pour étayer le calcul des indicateurs de la sécurité des patients dans un groupe de pays volontaires pour participer à la validation de la méthodologie. Cependant, on s'attend que les éléments présentés intéressent aussi un plus large public, à savoir notamment des chercheurs et des experts intéressés par l'arrière-plan technique et la construction d'indicateurs de la sécurité des patients, ainsi que d'autres pays désireux de développer des indicateurs de la qualité des soins et services de santé comparables au niveau international.

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INTRODUCTION

Background

1. The release of the report *To Err Is Human* by the US Institute of Medicine in 2000 brought patient safety issues to the fore by presenting the magnitude and impact of patient safety problems in the US health system in clear detail. Since then a number of other countries have released similar reports with disturbingly similar messages for their health systems. This has put the need for improved patient safety monitoring and accountability under the spotlight. National administrations are now responding to the rising interest in patient safety and quality with efforts to improve measurement and reporting systems in these areas of health care performance.

2. To respond to country needs for internationally comparable information on indicators and data systems for quality, the OECD initiated the OECD Health Care Quality Indicator (HCQI) Project in 2001. The long-term objective of the HCQI Project is to develop a set of indicators that can be used to raise questions for further investigation concerning the quality of health care across countries. In March 2006 the OECD published an initial report with data that was collected between 2003 and 2005 on an initial set of quality indicators (Mattke S *et al*, 2006). The results of this initial report from the HCQI Project showed clearly that there were only a limited number of indicators available for international comparisons for which there was consensus on the importance and soundness of the indicators and the availability and comparability of the data. Consequently, the OECD embarked on a new phase of work through the HCQI Project to work collaboratively with countries on improving data systems in five priority areas, including patient safety. A second round of data collection conducted in 2006 to support this work confirmed that there is a paucity of available national data to meaningfully track patient safety.

3. In part because of the lack of data and in part because of the very high level of interest across member countries, the OECD formed an Expert Group on Patient Safety, which met for the first time during June 2006 in Dublin, Ireland (OECD, 2007). The meeting was hosted by the Irish Department of Health and Children and was the first multi-country conference organised by the OECD on patient safety data systems. The conference attempted to address three issues: a) getting patient safety data systems on the agenda; b) developing a concrete work plan for improving patient safety data systems and international comparability of patient safety data; and c) addressing how countries should approach linking data to action to improve patient safety.

4. From the presentations made at the conference, it became apparent that the most readily available set of data systems for tracking patient safety are hospital administrative data systems. It is noted that efforts have been made in a growing number of OECD countries to adapt indicators developed in the US which can be derived from hospital administrative data. However, it was recognized that important issues still needed to be resolved before these indicators could be widely applied across OECD countries, including the construction of translations between different national approaches to data coding and the testing of indicators in the context of different country data systems.

5. The conference concluded with a commitment to increase the potential of cross national comparisons of patient safety through two key work initiatives focussing on:

- Adaptation of hospital administrative data systems for facilitating cross-national comparative information of Patient Safety Indicators (PSI), and
- Reviewing adverse event reporting systems.

6. As part of the overall effort under the first of these initiatives, this manual seeks to facilitate cross national comparisons of indicators for patient safety through the provision of detailed practical advice on calculating each indicator selected from a recommended set of Patient Safety Indicators (PSI)² utilising national hospital administrative databases.

7. The set of indicators selected for further analysis and specification is summarised in Table 1.

Table 1: Selected Patient Safety Indicators

Area	Indicator name
Hospital-acquired infections	Infection due to medical care
	Decubitus ulcer
Operative and post-operative complications	Complications of anaesthesia
	Postoperative hip fracture
	Postoperative pulmonary embolism (PE) or deep vein thrombosis (DVT)
	Postoperative sepsis
	Technical difficulty with procedure
	Postoperative respiratory failure
	Iatrogenic pneumothorax
Sentinel events	Transfusion reaction
	Foreign body left in during procedure
Obstetrics	Birth trauma - injury to neonate
	Obstetric trauma – vaginal delivery with instrument
	Obstetric trauma – vaginal delivery without instrument
	Obstetric trauma - caesarean section

8. These indicators are a set of indicators providing information on potential in-hospital complications and adverse events following surgeries, procedures, and childbirth. They were developed after a comprehensive literature review, analysis of ICD-9-CM codes, clinician panel review, implementation of risk adjustment, and empirical analyses.

9. Methods to calculate the values of these indicators from hospital administrative data systems have until now been carried out only on local and national levels. In this manual, several steps are outlined to validate a methodology that could be applied internationally for data comparability. The first is a data-

2 The OECD HCQI Project convened a panel of experts on indicators for patient safety in 2004. Using a structured interview process the panel came forward with a recommendation that 21 indicators be further considered. See Millar J *et al* (2004).

based research effort that focuses on examining specific data elements and coding issues that currently impede international comparability of patient safety indicators based on hospital administrative data. Next, an experimental calculation of indicators is to be performed by a group of volunteering countries.

10. This manual was originally designed to support the calculation of patient safety indicators in a group of countries volunteering to participate in the validation of the methodology. However it is anticipated that the material presented will also be of interest to a wider audience, including researchers and experts interested in the technical background and construction of the Patient Safety Indicators and other countries looking to develop internationally comparable health care quality indicators.

11. The manual provides:

- Generic coding and calculation instructions related to national hospital administrative databases,
- Cross walk from ICD 9 to ICD 10 codes for each indicator,
- Detailed definitions for calculation of indicators,
- Flow charts for visualising the calculation process, and
- Quick-step overview of essential tasks for data preparation.

12. It is anticipated that further revisions to the methodology presented in this manual will be made based on the collective experiences of those using the manual over time.

METHODOLOGICAL ISSUES

Introduction

13. The methodology for facilitating internationally comparable Patient Safety Indicators set out in this manual involves two key elements:

- Cross-walk between the key disease classifications
- Specified process of calculation

14. The Patient Safety Indicators dealt with in this manual are specified according to certain diagnosis and, in some instances, procedure codes. There are currently different medical classifications in use for coding diagnosis; the ICD-9 (International Classification of Diseases) classification which is no longer updated by the World Health Organisation (WHO) is the precursor of the present ICD-10 classification. OECD member countries use ICD-9 (e.g. Spain, USA) as well as ICD-10 (e.g. Australia, Canada, Germany). For that reason this manual contains both versions of the coding system.

15. Usually countries do not use the original version of a classification published by the WHO but modify it according to their needs. Country modifications are still consistent with the WHO version, keeping the structure of the classification tree. In some chapters of the ICD classification the country versions are more extensive than the WHO version while in others they are not. This manual does not cover all the different country versions of the ICD.

16. The technical specifications of diagnosis in this manual are based on the ICD-10-WHO, 2006 and on the ICD-9-CM³. Therefore countries seeking to utilise this manual must ensure that before applying the definitions the defined codes for inclusion or exclusion criteria are currently in use. Otherwise the definitions at hand must be extended to include the subgroups added in the country modifications.

17. For example, Table 2 shows that one three-digit WHO code for decubitus ulcer corresponds to 8 four-digit codes in Canada, 5 four-digit codes in Australia and 50 five-digit German codes. To calculate the numerator for the indicator decubitus ulcer, all country specific subgroups of the listed WHO code L89 must be taken into account.

3. Definitions in ICD-9-CM are adopted from AHRQ (2003).

Table 2: Examples of Country Versions

ICD-10 WHO (2006)		ICD-10-CA (Canada, 2006)	ICD-10-AM (Australia, 2006)	ICD-10-GM (Germany, 2006), a 5th digit has to be used to specify the location (10 subgroups)
L89 Decubitus ulcer	L89.0	Decubitus ulcer limited to erythema only [redness] without skin breakdown (Stage 1)	Decubitus [pressure] ulcer, stage I	
	L89.1	Decubitus ulcer limited to breakdown of skin (Stage 2)	Decubitus [pressure] ulcer, stage II	Decubitus ulcer Stage 1
	L89.2	Decubitus ulcer with fat layer exposed (Stage 3)	Decubitus [pressure] ulcer, stage III	Decubitus ulcer Stage 2
	L89.3	Decubitus ulcer with depth involving muscle (Stage 4)	Decubitus [pressure] ulcer, stage IV	Decubitus ulcer Stage 3
	L89.4	Decubitus ulcer with depth involving bone (Stage 5)		Decubitus ulcer Stage 4
	L89.5	Decubitus ulcer with joint space involvement (Stage 5)		
	L89.8	Decubitus ulcer with necrosis involving muscle or bone (Stage X)		
	L89.9	Decubitus ulcer without mention of severity	Decubitus [pressure] ulcer, unspecified	Decubitus ulcer, unspecified

18. There are several criteria which are not consistent between countries that may influence the calculated rates of the indicators. These are:

- Coding rules
 - Definition of principal diagnosis
 - Definition of secondary diagnosis
- Use of diagnosis type indicators (e.g. marking of secondary diagnosis as “present at admission”)
- Use of DRG for hospital reimbursement
- Certain administrative case information
 - Admission type (elective, from long-term care, transferred from acute care)
 - Admission weight of neonates.

19. A questionnaire was distributed with this manual to collect more information on the coding specifications within each country participating in the initial experimental calculations of the indicators (Annex 3). Participating countries were asked to fill out the questionnaire and return it to the OECD Secretariat. The information on country specific coding specifications strongly facilitated the interpretation of the results by the OECD Secretariat.

Cross Walking from ICD-9 to ICD-10

20. The quantitative relationship between ICD-9 and ICD-10 is not 1:1. The ICD-10 is much more extensive than the ICD-9 and structures in the classification trees vary between the two. In a preliminary German project (Drösler *et al*, 2007), mapping of diagnoses and procedures was performed for each definition of the patient safety indicators (AHRQ 2004). Diagnosis mapping was performed using cross walking tables (DIMDI, 2007) between ICD-9-WHO V6.0 and ICD-10-German Modification 2004 in two steps, with updates of the indicator definitions appended to the translated version.

21. ICD-10 codes were manually revised after a preliminary crosswalk. Mapped ICD-10 codes with an unclear relationship to the original ICD-9-WHO code were compared to the ICD-9-CM, which is the origin of the indicator definitions. ICD-10 codes with correspondents in ICD-9-CM were rejected when the matching ICD-9-CM code had not been specified in the definition of the indicator. Transferred ICD-10 codes were accepted when the medical concept matched the intention of the indicator definition. For example, the ICD-10 code T88.4 “Failed or difficult intubation” was included to the numerator specification of indicator “Complications of Anaesthesia” because it was a mapped result to the corresponding ICD-9-CM-code E87.63 “Endotracheal tube wrongly placed during anaesthetic procedure”.

22. Due to the different country versions of the diagnosis classification, for an international project such as the OECD Health Care Quality Indicators Project it is necessary to find a common “classification language”. Thus the country specific ICD-10 translations of the indicator definitions have been transformed to the ICD-10-WHO 2006 (WHO, 2006) to serve as the basis for the crosswalk. The ICD-10 codes listed in this manual underwent an international harmonisation process initiated by the International Methodology Consortium for Coded Health Information (IMECCHI) research collaboration (Quan H *et al*, 2008).

Process of Calculation

23. The numerators pertain to subsets of the denominators. Calculate the denominator quantity first. Then apply the numerator definition to the selected denominator data.

Exclusions of Principal Diagnosis

24. Verify the documentation rules for the principal diagnosis (main diagnosis, discharge diagnosis) in use for each country is required to decide how the exclusions of the principal diagnosis should be performed.

Definitions of Principal Diagnosis (PDx)⁴

- A. The condition established after evaluation to be chiefly responsible for causing the hospitalisation.
- B. The diagnosis that is finally established to be the main reason for the hospital stay; that is demanding the most resources/medical effort over the course of the patients stay.

25. The original AHRQ patient safety manual is based on definition A (Department of Health and Human Services, 2005). For that reason most indicator definitions contain an exclusion rule if the principal diagnosis of the case is equal to a numerator defining ICD code. For these cases it is unlikely that the indicator-defining condition had been acquired during the hospital stay but was pre-existing.

4. Adapted from CIHI (2004).

26. In this manual it is assumed that countries using definition B for assignment of principal diagnosis are able to identify the case-related **admission** diagnosis (ADx) in their data sets. In this case patients with admission diagnosis corresponding to the numerator definition of the indicator should be excluded (see left-sided flow chart “PDx algorithm” on p.14). Furthermore it shall be avoided that countries using definition B for assignment of principal diagnosis miss numerator cases by assigning specific complications as principal diagnosis. If a diagnosis type indicator is in use data can be properly rearranged (see right-sided flow chart at Figure 1: PDx Algorithm).

Secondary diagnosis

27. Patient safety indicators are largely constructed from secondary diagnoses. The calculation of the numerator builds on secondary diagnosis for most of the indicators. The indicator definitions refer to conditions aroused **post admission**. To make sure that all participating countries use the same definition of secondary diagnosis it is presented here:

Definition of Secondary Diagnosis (SDx)⁸

28. Comorbid conditions are those conditions for which the patient received treatment and consumed hospital resources in addition to those conditions considered to be the principal, main or discharge diagnosis.

34. **Pre-admission** conditions without any necessary treatment during the hospital stay do not meet the definition. Pre-admission comorbidities with in-hospital treatment meet the definition of the secondary diagnosis. Countries using diagnosis type indicators have the possibility to distinguish between pre- and post-admission comorbidities. If they perform additional exclusions of numerator cases their calculated rates might be lower than in countries where additional criteria for secondary diagnosis documentation are not in use.

Use of codes for external causes of morbidity and mortality (“E-codes”)

35. Several indicators (e.g. Complications of Anaesthesia) build on diagnoses codes from Chapter XX (20) of the ICD-10 or the corresponding supplement of the ICD-9 respectively. The WHO designates those codes for additional documentation of external causes of morbidity. The availability of these codes in country modifications of the ICD may vary. Furthermore their use is optional in some countries. Depending on the extent of available e-codes in country modifications indicator rates may vary between countries.

Exclusions of MDC

36. In countries using DRG for hospital reimbursement each case is assigned to a MDC (Major Diagnostic Category) by the grouper software. The MDC assignment relies exclusively on the principal diagnosis of the case (definition A above). The calculation of several indicators (Table 3) requires the exclusion of certain MDCs to ensure that whole populations with high risk for a condition are not counted. For example, MDC 9 (diseases of skin, subcutaneous tissue, and breast) is excluded from the calculation of indicator Decubitus Ulcer. Lists of ICD-10-WHO codes referring to certain MDCs are provided in the Annex 2 - Code List M⁵ for countries using ICD-10 without DRG reimbursement or if the MDC assignment of data is impossible.

5. Code lists and neonate identification are adapted from (InEK, 2006 and Commonwealth of Australia, 1998).

37. There are different methods to identify Neonates (MDC 15). If the admission weight of the neonate and the information on age in days is available in the dataset the algorithm below should be used for exclusion. Otherwise a code list will be provided in the Annex.

Algorithm for neonate identification (MDC 15)¹⁰

1 day <age<28 days

or

27 days<age<365 days **and** 0 grams < weight < 2500 grams

Table 3: Indicators with MDC exclusion

MDC	Condition	Indicators
MDC 4	Diseases/disorders of respiratory system	Postoperative respiratory failure
MDC 5	Diseases/disorders of circulatory system	Postoperative respiratory failure
MDC 8	Diseases and disorders of the musculoskeletal system and connective tissue	Postoperative hip fracture
MDC 9	Diseases and disorders of the skin, subcutaneous tissue and breast	Decubitus ulcer
MDC 14	Pregnancy, childbirth and puerperium	Postoperative PE or DVT Postoperative sepsis Decubitus ulcer Postoperative hip fracture Complications of anaesthesia Iatrogenic pneumothorax Postoperative respiratory failure

Procedure Codes

38. The calculations of eight of the indicators require procedure codes. Those indicators are “Postoperative Iatrogenic Pneumothorax”, ”Postoperative Hip Fracture” “Postoperative Respiratory Failure” “Postoperative Pulmonary Embolism (PE) or Deep Vein Thrombosis (DVT)”, “Obstetric Trauma – Vaginal Delivery with / without instrument” and “Obstetric Trauma - Caesarean Section”. There is no common international medical procedure classification and each country participating in the experimental calculation of the indicators uses a different catalogue for procedure coding. In the project at hand it was not possible to provide a procedure code lists for each participating country. The procedure codes from the US ICD-9-CM are listed in this manual because they are part of the original indicator definitions provided by AHRQ. Furthermore, the procedure list provided in this manual shall support countries in adopting corresponding procedures from their classifications in order to perform a precise PSI calculation.

39. Five indicators refer to denominator cases with operative treatment only. Those are:

- Complications of Anaesthesia
- Postoperative Hip Fracture
- Postoperative Respiratory Failure
- Postoperative Pulmonary Embolism (PE) or Deep Vein Thrombosis (DVT)
- Postoperative Sepsis

40. For selection of these cases a comparison between the coded procedures and a list of all operating room procedures available in a country's procedure classification is necessary. For the reasons explained above it is not possible to generate lists of operating room procedures for each country. The following interventional procedures are regarded as operative procedures: Pacemaker Implants, PTCA⁶ or endoscopic vessel repair. D&C⁷ is regarded as an operating room procedure where as a perineal laceration repair during a regular vaginal delivery is not.

Flow Charts

41. For each indicator a flow chart is provided to facilitate the understanding of the indicator definition and the calculation process. For the construction of the flowcharts, definition A of the principal diagnosis ("condition to be chiefly responsible") had been assumed. Countries using definition B ("condition demanding the most resources") for assignment of principal diagnosis are advised to rearrange their data in order to gain comparable results. A proposal for rearrangement is given in the flowchart at Figure 1: PDx Algorithm.

General Note

42. Data quality is always a concern in health indicator analysis that can also substantially affect patient safety indicators. In addition to the proposed definitions, a comprehensive review of coding practices, distribution of key data elements and country specific coding standards is strongly recommended for data analysis of these PSIs. Given the nature of the PSIs, small sample size may lead to less precise estimates and requires special attention when reporting these indicators. All of these factors can affect comparability of the PSIs, and need to be addressed when making such comparisons.

Remarks on Calculation of National Rates (Population Rates) and Mean Provider Rates

43. The questionnaire that was distributed with this manual to each country participating in the initial experimental calculations of the indicators (Annex 3) requested two different presentations of a country's results:

- **National rates (population rates)** were requested to be reported in section VI of the questionnaire. The national rate / population rate for each indicator is the ratio between events (numerator) and population (denominator). The national rates (population rates) are weighted as it is pretended that all the cases included in the calculation lie in one hospital.
- **Mean provider rates** were requested to be reported in section VII of the questionnaire. The calculation of a mean provider rate requires the possibility of data analysis on an institutional level. The mean provider rate of an indicator is the sum of the individual hospital rates for this indicator divided by the number of hospitals where this indicator was applied.

Notes:

- If for certain indicators, there were institutions without denominator populations (e.g. hospitals without an obstetric department) these were to be excluded from the calculation of the mean provider rate of that indicator.
- Indicators with rates of zero (institutions where no numerator defining event occurred within a given denominator population) were to be included in the calculation of the mean provider rate.
- Cases treated in psychiatric institutions were to be excluded from the calculation.

6. Percutaneous Transluminal Coronary Angioplasty, an intervention in cardiology.

7. Dilation and Curettage, a gynaecological or obstetric treatment.

Quick Step Overview of Essential Tasks for Data Preparation

The following outlines the key steps in preparing data for the calculation of the Patient Safety Indicators:

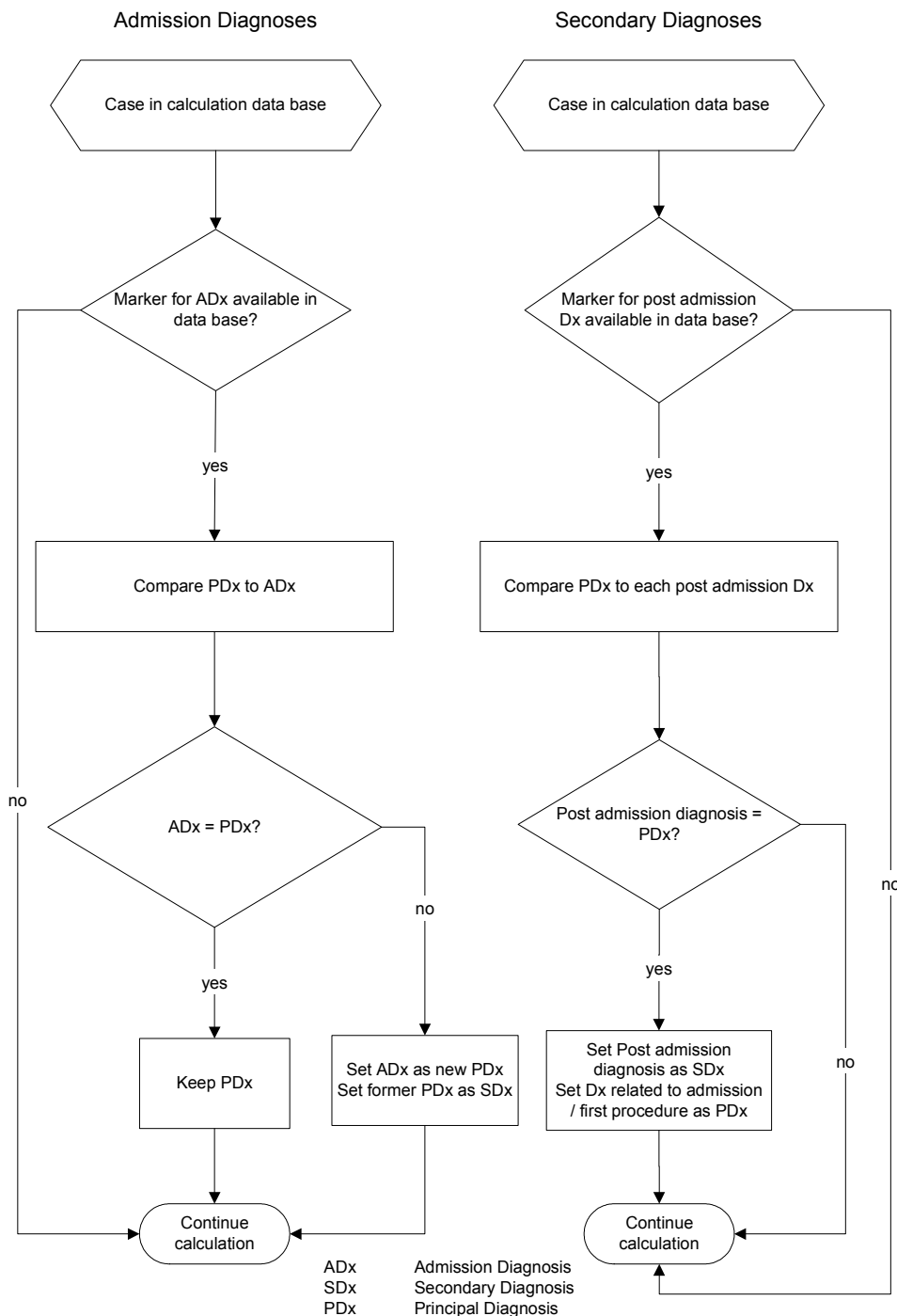
1. Convert listed ICD codes to your country's version of ICD
2. Look up in your ICD classification if there are codes available for SIRS (Systemic Inflammatory Response syndrome). If these codes are available add them to the numerator inclusion list of the indicator *Postoperative Sepsis*
3. Look up in your ICD classification if there are codes available for Iatrogenic Pneumothorax. If these codes are available add them to the numerator inclusion list of the indicator *Iatrogenic Pneumothorax*
4. Look up the procedure codes in use in your country procedure classification for the following procedures:
 - a. "Interruption of Vena Cava"
Add a) to the denominator calculation of indicator *Postoperative Pulmonary Embolism (PE) or Deep Vein Thrombosis (DVT)*.
 - b. "Obstetric Trauma"
Add b) to the numerator calculation of all *Obstetric Trauma* indicators.
 - c. "Caesarean Delivery"
Use c) to select the denominator population of indicator *Obstetric Trauma –Caesarean Section Deliveries*.
 - d. "Instrument-Assisted Delivery procedure codes"
Use d) to select the denominator population of indicator *Obstetric Trauma - Vaginal Delivery with Instrument*
 - e. "Hip fracture repair"
Cases with e) are excluded from the denominator population of indicator *Postoperative Hip Fracture* if the hip fracture repair occurs before or on the same day as the first operating room procedure.
 - f. "Endotracheal (re-)intubation"
Cases with f) are in the numerator population of indicator *Postoperative Respiratory Failure* if the reintubation occurs after the main OR procedure
 - g. "Diaphragmatic surgery repair, thoracic and cardiac surgery, lung or pleural biopsy" (page. 22, Annex 1 - Code List P)
Add g) to the denominator exclusion of indicator *Iatrogenic Pneumothorax*
5. Check the definition of principal diagnosis (PDx) applied in your country
6. If the PDx definition is "the condition to be chiefly responsible" proceed to step 7. If the PDx definition is "the condition demanding the most resources", rearrange the data as shown in the flowchart at Figure 1: PDx Algorithm.
7. Flag cases with OR (operating room) procedures designated as "surgical". A comprehensive list of OR procedures must be provided by your country.
8. Apply calculation algorithm to each case as shown in the indicator-related flowcharts.

List of Minimal Case-related Data-fields used for Indicator Calculation

Data fields - Case	Mandatory Information	Possible Variables - Used for QI Calculation
patient ID	x	
patient age	x	years
patient age_neonate	x	days
admission weight neonate		grams
length of stay	x	days
admission status	x	elective - emergency - birth
admission source		home - from acute care - from long-term care
principal dx	x	
secondary dx		data field should be repeated - number of repetitions depends on the country's definition of the dataset
dx type indicator		dependant on data field secondary dx
procedure		data field may repeat - number of repetitions depends on the country's definition of the dataset
date of procedure		dependant on data field procedure

Figure 1: PDx Algorithm

Algorithms for countries using principal diagnosis definition 2 (“condition demanding the most resources”). Repeat algorithm for each case.



DETAILED DEFINITIONS OF INDICATORS

Complications of Anaesthesia, Secondary Diagnosis Field per 100 Discharges (PSI 1)

44. There are validity concerns about this indicator and thus should be used with precaution. It is unclear, whether this indicator is consistently related to adverse outcomes. In US data (Zhan and Miller, 2003) this indicator was associated with excess charges but not with excess mortality or length of stay.

Numerator:

45. Discharges with ICD-9-CM diagnosis codes for anaesthesia complications in any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator.

ICD-9-CM Anaesthesia Complications diagnoses codes:

Adverse effects in therapeutic use, other central nervous system depressants and anaesthetics:

E8763	Endotracheal tube wrongly placed during anaesthetic procedure
E9381	Halothane
E9382	Other gaseous anaesthetics
E9383	Intravenous anaesthetics
E9384	Other unspecified general anaesthetics
E9385	Surface and infiltration anaesthetics
E9386	Peripheral nerve and plexus blocking anaesthetics
E9387	Spinal anaesthetics
E9389	Other and unspecified local anaesthetics

Poisoning by other central nervous system depressants and anaesthetics:

9681	Halothane
9682	Other gaseous anaesthetics
9683	Intravenous anaesthetics
9684	Other and unspecified general anaesthetics
9687	Spinal anaesthetics
E8551	Accidental poisoning, other nervous system depressants

ICD-10-WHO Anaesthesia Complications diagnosis codes:

Adverse effects in therapeutic use, other central nervous system depressants and anaesthetics:

Y48.0	Inhaled anaesthetics
Y48.1	Parenteral anaesthetics
Y48.2	Other and unspecified general anaesthetics
Y48.3	Local anaesthetics
Y48.4	Anaesthetic, unspecified
Y48.5	Therapeutic gases
Y65.3	Endotracheal tube wrongly placed during anaesthetic procedure

In countries where codes for adverse effects are not commonly used:

T88.4	Failed or difficult intubation
-------	--------------------------------

Can be used for identification of failed intubations. Higher rates might occur.

Poisoning by other central nervous system depressants and anaesthetics:

T41.0	Poisoning: Inhaled anaesthetics
T41.1	Poisoning: Intravenous anaesthetics
T41.2	Poisoning: Other and unspecified general anaesthetics
T41.3	Poisoning: Local anaesthetics
T41.4	Poisoning: Anaesthetic, unspecified

Denominator:

46. All surgical discharges, 18 years and older

Exclude cases:

- With ICD codes for anaesthesia complications (see numerator) in the principal diagnosis field or in a secondary diagnosis field if present on admission, if known
- MDC 14 (pregnancy, childbirth, and puerperium) or principal diagnosis in Annex 2 Code List M-3
- With codes for self-inflicted injury, poisoning due to anaesthetics **and**
- **Any diagnosis** code for active drug dependence, or active nondependent abuse of drugs

See Annex 1 - Code List C-5 for Self-Inflicted Injury Diagnosis ICD-9-CM Codes

See Annex 1 - Code List W-5 for Self-Inflicted Injury Diagnosis ICD-10-WHO Codes

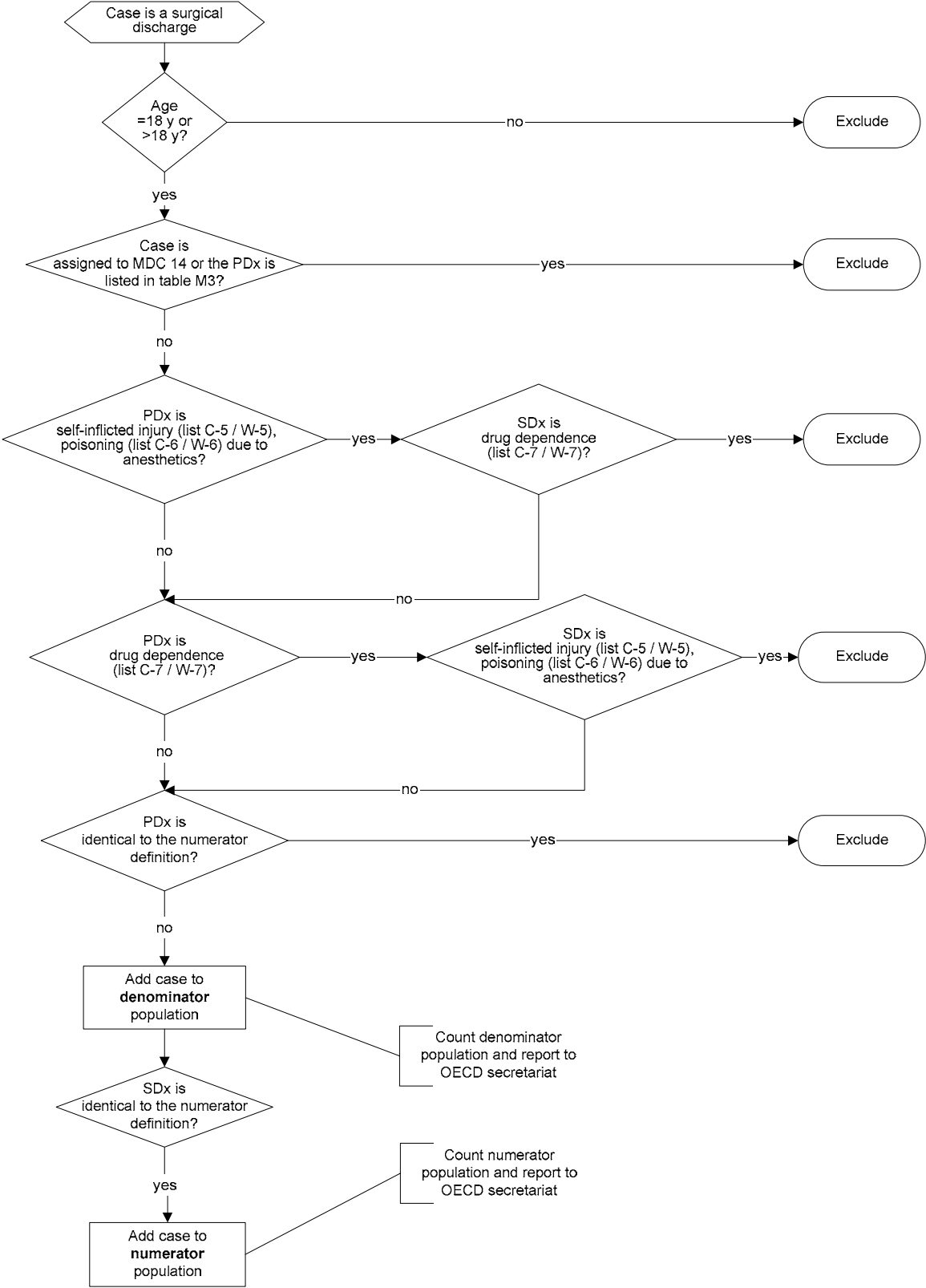
See Annex 1 - Code List C-6 for Poisoning due to anaesthetics ICD-9-CM Codes

See Annex 1 - Code List W-6 for Poisoning due to anaesthetics ICD-10-WHO Codes

See Annex 1 - Code List C-7 for ICD-9-CM Drug Dependence and active nondependent abuse of drugs diagnosis codes

See Annex 1 - Code List W-7 for ICD-10-WHO Drug Dependence and active nondependent abuse of drugs diagnosis codes

Complications of Anesthesia



Decubitus Ulcer, Secondary Diagnosis Field per 100 Discharges (PSI 3)

Numerator:

47. Discharges with ICD code of decubitus ulcer in any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator.

ICD-9-CM Decubitus Ulcer diagnosis codes:

70700	Decubitus ulcer site nos
70701	Decubitus ulcer, elbow
70702	Decubitus ulcer, up back
70703	Decubitus ulcer, low back
70704	Decubitus ulcer, hip
70705	Decubitus ulcer, buttock
70706	Decubitus ulcer, ankle
70707	Decubitus ulcer, heel
70709	Decubitus ulcer, site nec

ICD-10-WHO

Discharges with ICD-10-WHO code of L89 in any secondary diagnosis field.

Denominator:

48. All medical and surgical discharges age 18 years and older

Exclude cases:

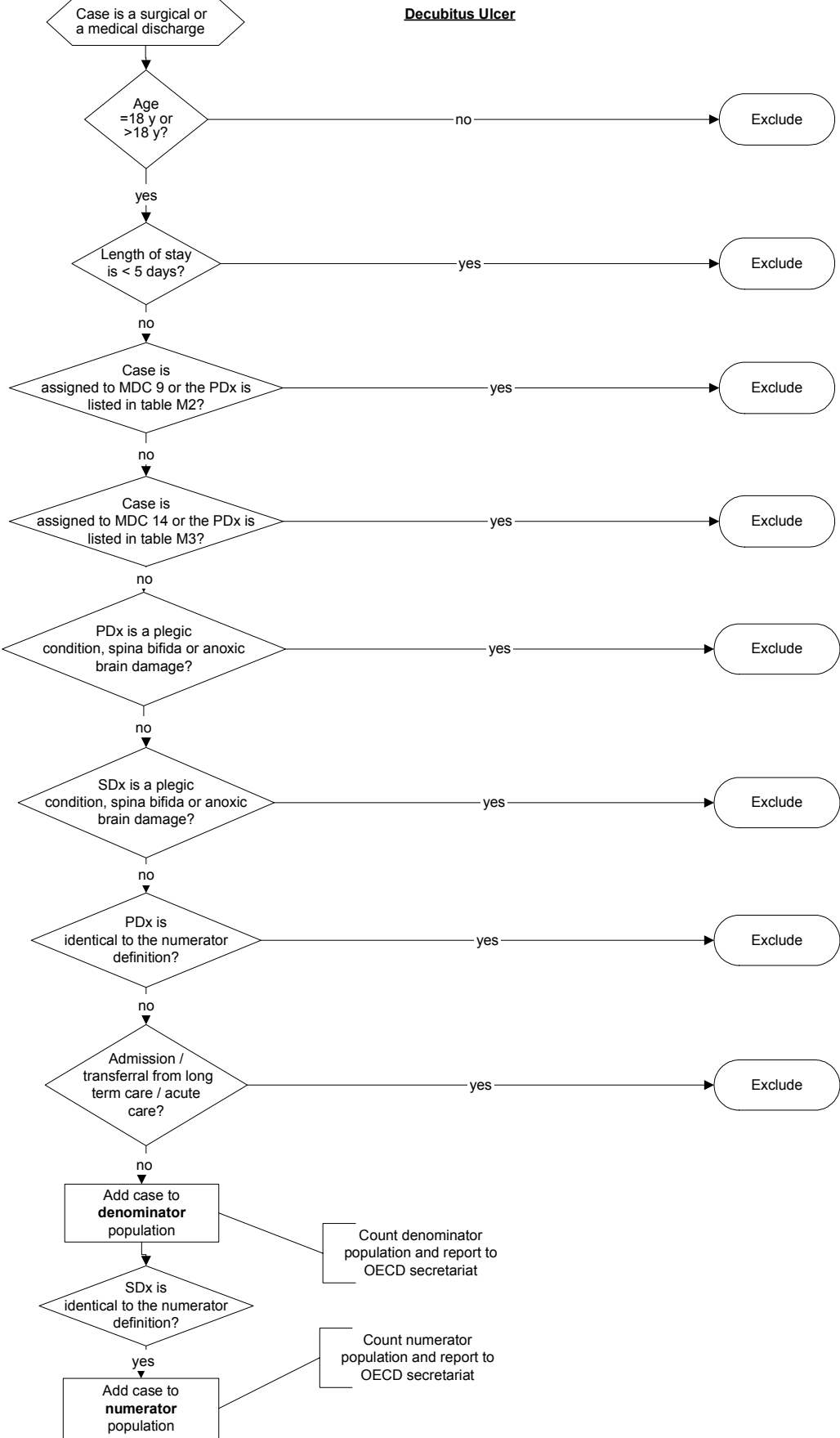
- With length of stay of less than 5 days
- With pre-existing condition of decubitus ulcer (see numerator) (primary diagnosis or secondary diagnosis present on admission, if known)
- MDC 9 (Skin, Subcutaneous Tissue, and Breast) or principal diagnoses in Annex 2 - Code List M-2
- MDC 14 (Pregnancy, Childbirth, and Puerperium) or principal diagnoses in Annex 2 - Code List M-3
- With any diagnosis of hemiplegia, paraplegia, or quadriplegia
- With any diagnosis of spina bifida or anoxic brain damage
- Admitted from a long-term care facility
- Transferred from an acute care facility

See Annex 1 - Code List C-3 for ICD-9-CM hemiplegia codes

See Annex 1 - Code List W-3 for ICD-10-WHO hemiplegia codes

See Annex 1 - Code List C-4 for ICD-9-CM spina bifida or anoxic brain damage codes

See Annex 1 - Code List W-4 for ICD-10-WHO spina bifida or anoxic brain damage codes



Foreign Body Left in during Procedure, Secondary Diagnosis Field per 100 Discharges (PSI 5)**Numerator:**

49. Discharges with ICD codes for foreign body left in during procedure in any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator.

ICD-9-CM Foreign Body Left in During Procedure diagnosis codes:

9984	Foreign body accidentally left during a procedure
9987	Acute reactions to foreign substance accidentally left during a procedure

Foreign body left in during:

E8710	Surgical operation
E8711	Infusion or transfusion
E8712	Kidney dialysis or other perfusion
E8713	Injection or vaccination
E8714	Endoscopic examination
E8715	Aspiration of fluid or tissue, puncture, and catheterization
E8716	Heart catheterization
E8717	Removal of catheter or packing
E8718	Other specified procedures
E8719	Unspecified procedure

ICD-10-WHO Foreign Body Left in During Procedure diagnosis codes:

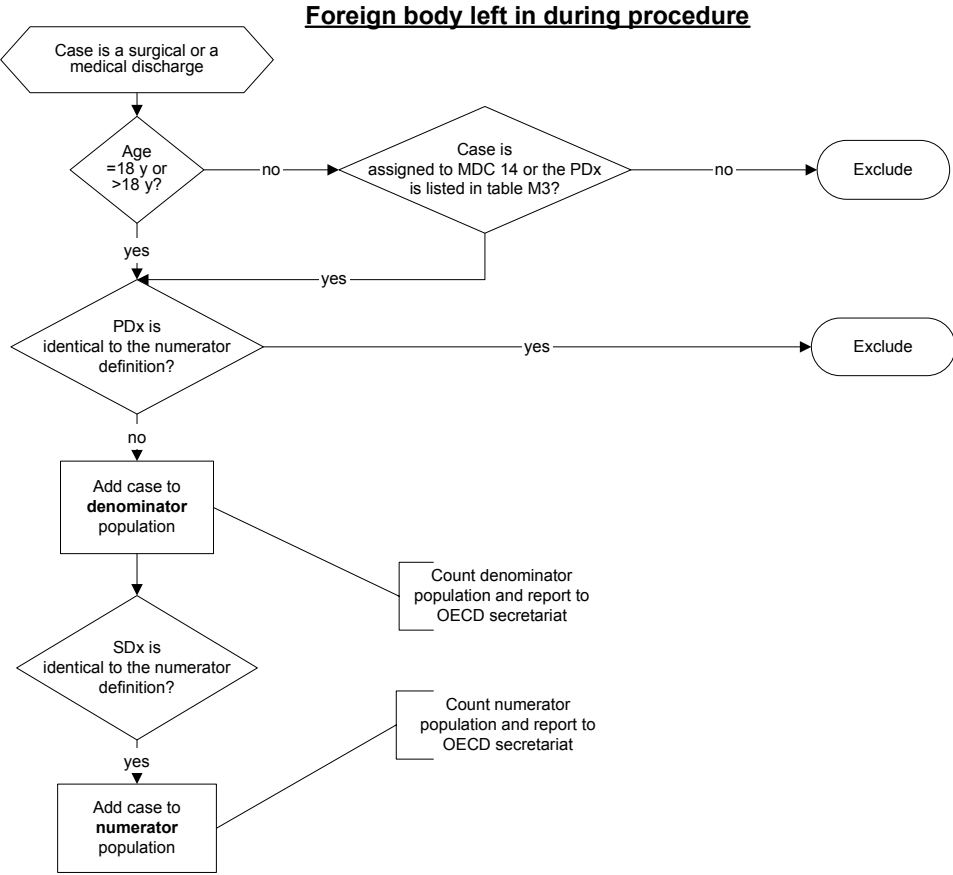
T81.5	Foreign body accidentally left in body cavity or operation wound following a procedure
T81.6	Acute reaction to foreign substance accidentally left during a procedure
Y61.0	Foreign object accidentally left in body during surgical and medical care: During surgical operation
Y61.1	Foreign object accidentally left in body during surgical and medical care: During infusion or transfusion
Y61.2	Foreign object accidentally left in body during surgical and medical care: During kidney dialysis or other perfusion
Y61.3	Foreign object accidentally left in body during surgical and medical care: During injection or immunization
Y61.4	Foreign object accidentally left in body during surgical and medical care: During endoscopic examination
Y61.5	Foreign object accidentally left in body during surgical and medical care: During heart catheterization
Y61.6	Foreign object accidentally left in body during surgical and medical care: During aspiration, puncture and other catheterization
Y61.7	Foreign object accidentally left in body during surgical and medical care: During removal of catheter or packing
Y61.8	Foreign object accidentally left in body during surgical and medical care: During other surgical and medical care
Y61.9	Foreign object accidentally left in body during surgical and medical care: During unspecified surgical and medical care

Denominator:

50. All surgical and medical discharges, 18 years and older **or** MDC 14 (pregnancy, childbirth, and puerperium). Assign a principal diagnosis from Annex 2 - Code List M-3 if criteria “MDC 14” is not available.

Exclude cases:

- With ICD-9-CM codes for foreign body left in during procedure in the principal diagnosis field or secondary diagnosis present on admission, if known.



Iatrogenic Pneumothorax, Secondary Diagnosis Field per 100 Discharges (PSI 6)

Numerator:

51. Discharges with ICD-code for iatrogenic pneumothorax in any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator.

ICD-9-CM Iatrogenic Pneumothorax diagnosis codes

512.1	Iatrogenic pneumothorax
-------	-------------------------

ICD-10 Iatrogenic Pneumothorax diagnosis codes

52. The WHO version of the ICD-10 does not contain a specific ICD-code for iatrogenic pneumothorax. Several countries assigned a code for this condition in their country version of the ICD-10. Before starting the calculation, check whether your country version contains the specified code (e.g. a five digit code in J95.-). If your country-specific ICD-10 version does not contain a defined code related to iatrogenic pneumothorax abandon this indicator.

Denominator:

53. All surgical and medical discharges age 18 years and older

Exclude cases:

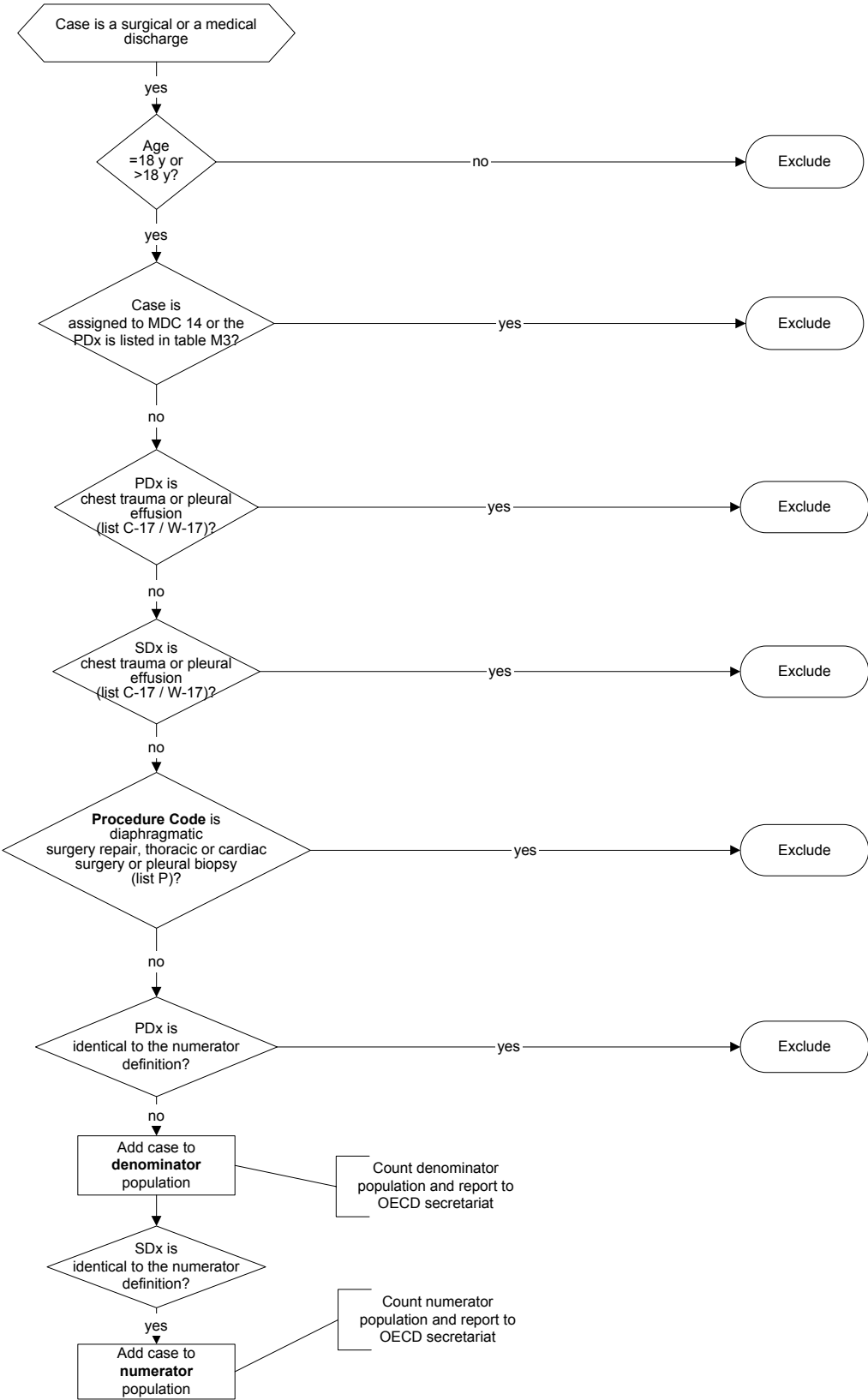
- With ICD-9-CM code of 512.1 in the principal diagnosis field or secondary diagnosis present on admission, if known.
- MDC 14 (pregnancy, childbirth, and puerperium)
- With diagnosis code of chest trauma or pleural effusion
- With an ICD-9-CM procedure code of diaphragmatic surgery repair
- With any procedure code indicating thoracic surgery, lung or pleural biopsy, or cases assigned to cardiac surgery

See Annex 1 - Code List W-17 for ICD-10-WHO chest trauma or pleural effusion codes

See Annex 1 - Code List C-17 for ICD-9-CM chest trauma or pleural effusion codes

See Annex 1 - Code List P for ICD-9-CM Thoracic and Cardiac Surgery procedure codes.

Iatrogenic Pneumothorax



Selected Infections Due to Medical Care, Secondary Diagnosis Field per 100 Discharges (PSI 7)⁸

Numerator:

54. Discharges with selected ICD-codes in any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator.

ICD-9-CM

Discharges with ICD-9-CM code of 999.3 or 996.62 in any secondary diagnosis field.

999.3	Complications of medical care, not elsewhere classified: Other infection
996.62	Infection and inflammatory reaction due to internal prosthetic device, implant, and graft: Due to vascular device, implant and graft

ICD-10-WHO

Discharges with ICD-10-WHO code of T80.2 or T82.7 or T88.0 in any secondary diagnosis field.

T80.2	Infections following infusion, transfusion and therapeutic injection
T82.7	Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts
T88.0	Infection following immunization

Denominator:

55. All surgical and medical discharges, 18 years and older **or** MDC 14 (pregnancy, childbirth, and puerperium). Assign a principal diagnosis from Annex 2 - Code List M-3 if criteria “MDC 14” is not available.

Exclude cases:

- With ICD-9-CM code of 999.3 or 996.62 in the principal diagnosis field or secondary diagnosis present on admission, if known
- With ICD-10-WHO code of T80.2 or T82.7 or T88.0 in the principal diagnosis field
- With length of stay less than 2 days
- With any code for immunocompromised state or cancer (principal diagnosis or secondary diagnosis)

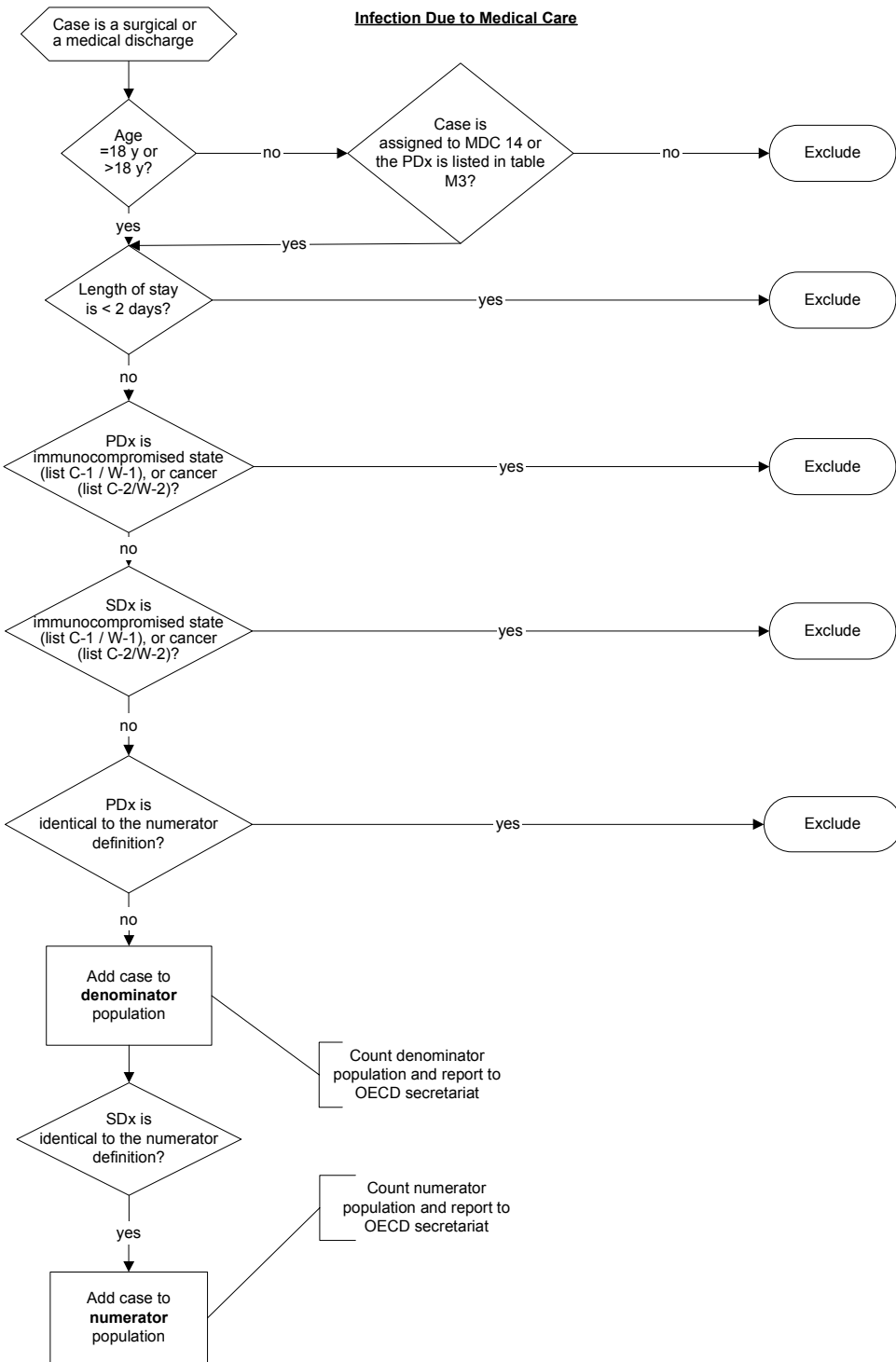
See Annex 1 - Code List C-1 for ICD-9-CM immunocompromised state codes

See Annex 1 - Code List W-1 for ICD-10-WHO immunocompromised state codes

See Annex 1 - Code List C-2 for ICD-9-CM cancer codes

See Annex 1 - Code List W-2 for ICD-10-WHO cancer codes

8. It is noted that the definition of this indicator was modified subsequent to an initial pilot calculation of the indicator set by several participating countries carried out in 2007.



Postoperative Hip Fracture, Secondary Diagnosis Field per 100 Discharges (PSI 8)

56. There are validity concerns about this indicator and thus should be used with precaution. Previous unpublished studies showed that this indicator might capture pre-admission hip fractures as well as the in-patient complication.

Numerator:

57. Discharges with ICD code for hip fracture in any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator.

ICD-9-CM Hip Fracture diagnosis codes (includes all 5th digits)

8200	Fracture of neck of femur - transcervical fracture, closed
8201	Fracture of neck of femur - transcervical fracture, open
8202	Fracture of neck of femur – pertrochanteric fracture, closed
8203	Fracture of neck of femur – pertrochanteric fracture, open
8208	Unspecified part of neck of femur, closed
8209	Unspecified part of neck of femur, open

ICD-10-WHO Hip Fracture diagnosis codes

S72.0	Fracture of neck of femur
S72.1	Pertrochanteric fracture
S72.2	Subtrochanteric fracture

Note: ICD-10-WHO optionally offers additional subdivisions for S72.-. Include all 5th digit codes when in use.

Note: If it is possible to distinguish between a pre-admission condition and a post-admission condition by using a diagnosis type indicator, only conditions that occurred post-admission should be counted. The rate will be lower when this criterion is used.

Denominator

58. All surgical discharges age 18 and older with a code for an operating room procedure.

Exclude cases:

- With ICD code for hip fracture (see numerator) in the principal diagnosis field or secondary diagnosis present on admission, if known
- Where the only operating room procedure is hip fracture repair
- Where a procedure for hip fracture repair occurs before or on the same day as the first operating room procedure
 - *Note: If day of procedure is not available in the input data file, the rate may be slightly lower than if the information was available*

- With diseases and disorders of the musculoskeletal system and connective tissue (MDC 8) or principal diagnosis in Annex 2 - Code List M-1
- With principal diagnosis (or secondary diagnosis present on admission, if known) of seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury
- With any diagnosis of metastatic cancer, lymphoid malignancy or bone malignancy, or self-inflicted injury
- MDC14 (pregnancy, childbirth, and puerperium) or principal diagnosis in Annex 2 - Code List M-3

See Annex 1 - Code List C-5 for self-inflicted injury diagnosis ICD-9-CM codes

See Annex 1 - Code List W-5 for self-inflicted injury diagnosis ICD-10-WHO codes

See Annex 1 - Code List C-8 for ICD-9-CM codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury

See Annex 1 - Code List W-8 for ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury

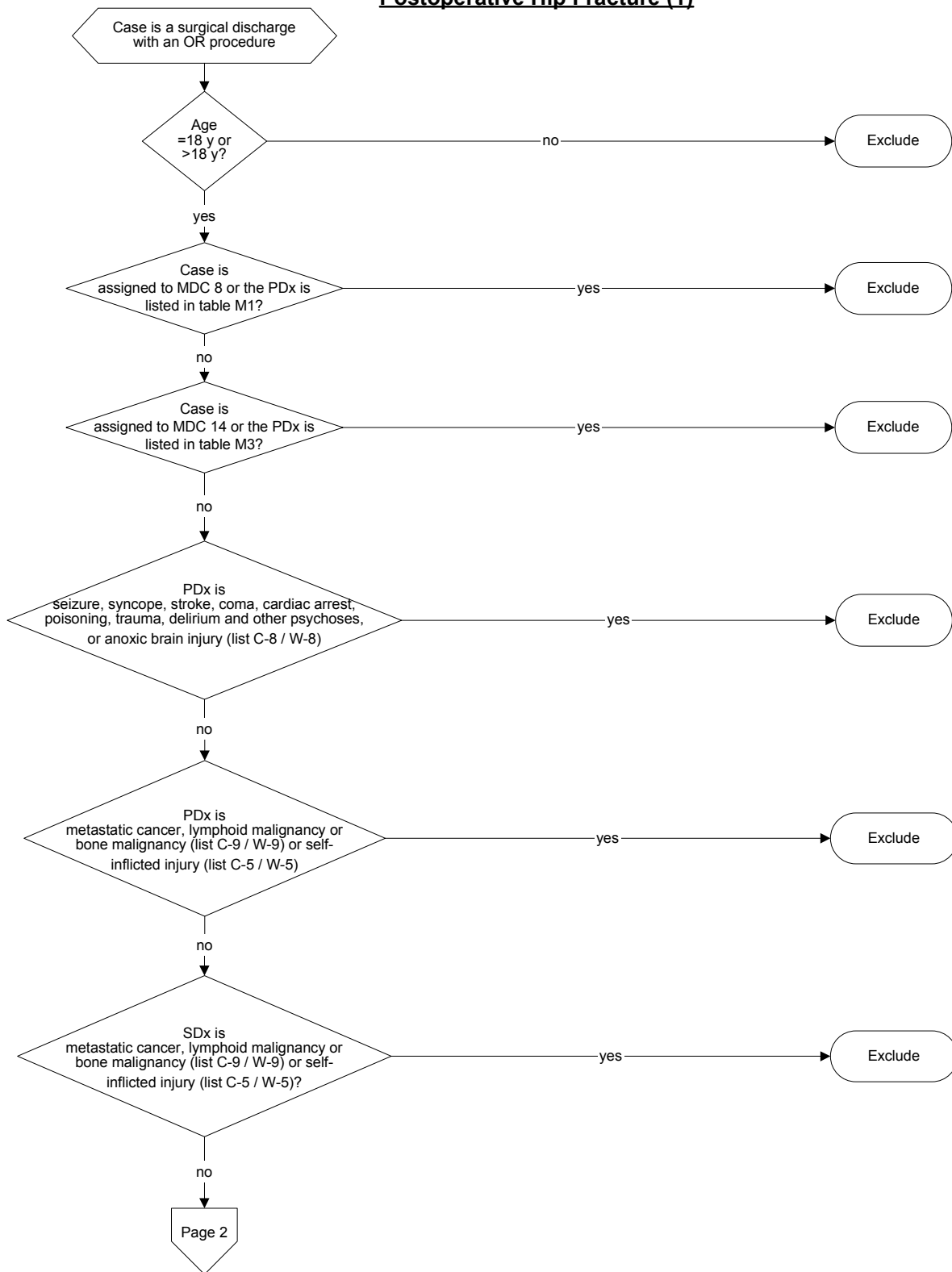
See Annex 1 - Code List C-9 for ICD-9-CM codes for metastatic cancer, lymphoid malignancy or bone malignancy

See Annex 1 - Code List W-9 for ICD-10-WHO codes for metastatic cancer, lymphoid malignancy or bone malignancy

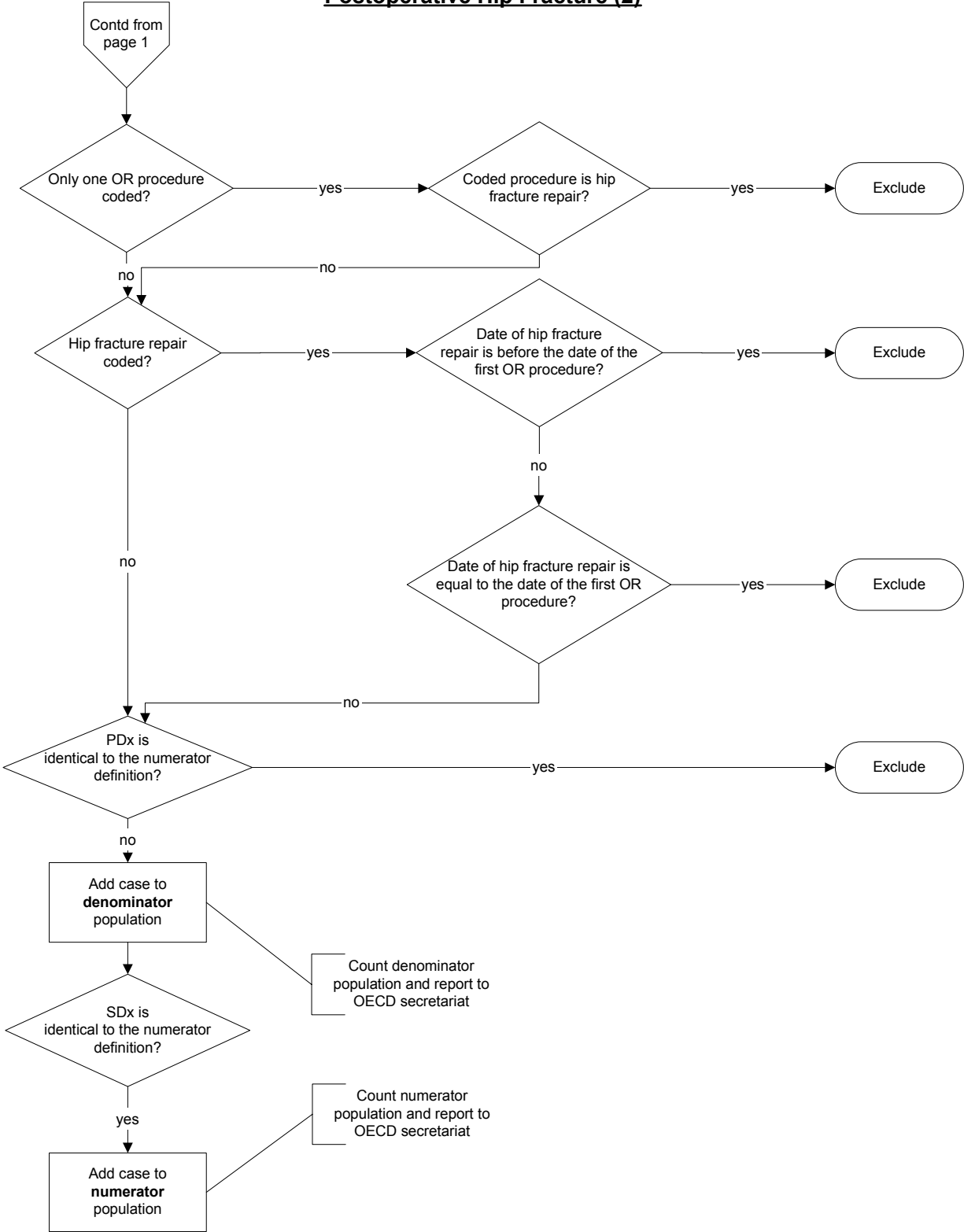
ICD-9-CM Hip Fracture Repair procedure codes

7855	Internal fixation-femur
7915	Closed red-int fix femur
7925	Open reduction-femur fx
7935	Open reduc-int fix femur
8151	Total hip replacement
8152	Partial hip replacement

Postoperative Hip Fracture (1)



Postoperative Hip Fracture (2)



Postoperative Respiratory Failure (PSI 11)

Numerator:

59. Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD codes for acute respiratory failure in any secondary diagnosis field.

or

Discharges with **procedure codes** for reintubation one or more days after the major operating room procedure code

ICD-9-CM Respiratory Failure codes

518.81	Acute respiratory failure
518.84	Acute and chronic respiratory failure

ICD-10-WHO Respiratory Failure codes

J96.0	Acute respiratory failure
-------	---------------------------

ICD-9-CM Reintubation Procedure Codes

96.04	Insertion of endotracheal tube
-------	--------------------------------

Denominator:

60. All elective* surgical discharges age 18 and older with a code for an operating room procedure

*Elective - Admission type is recorded as elective

Exclude cases:

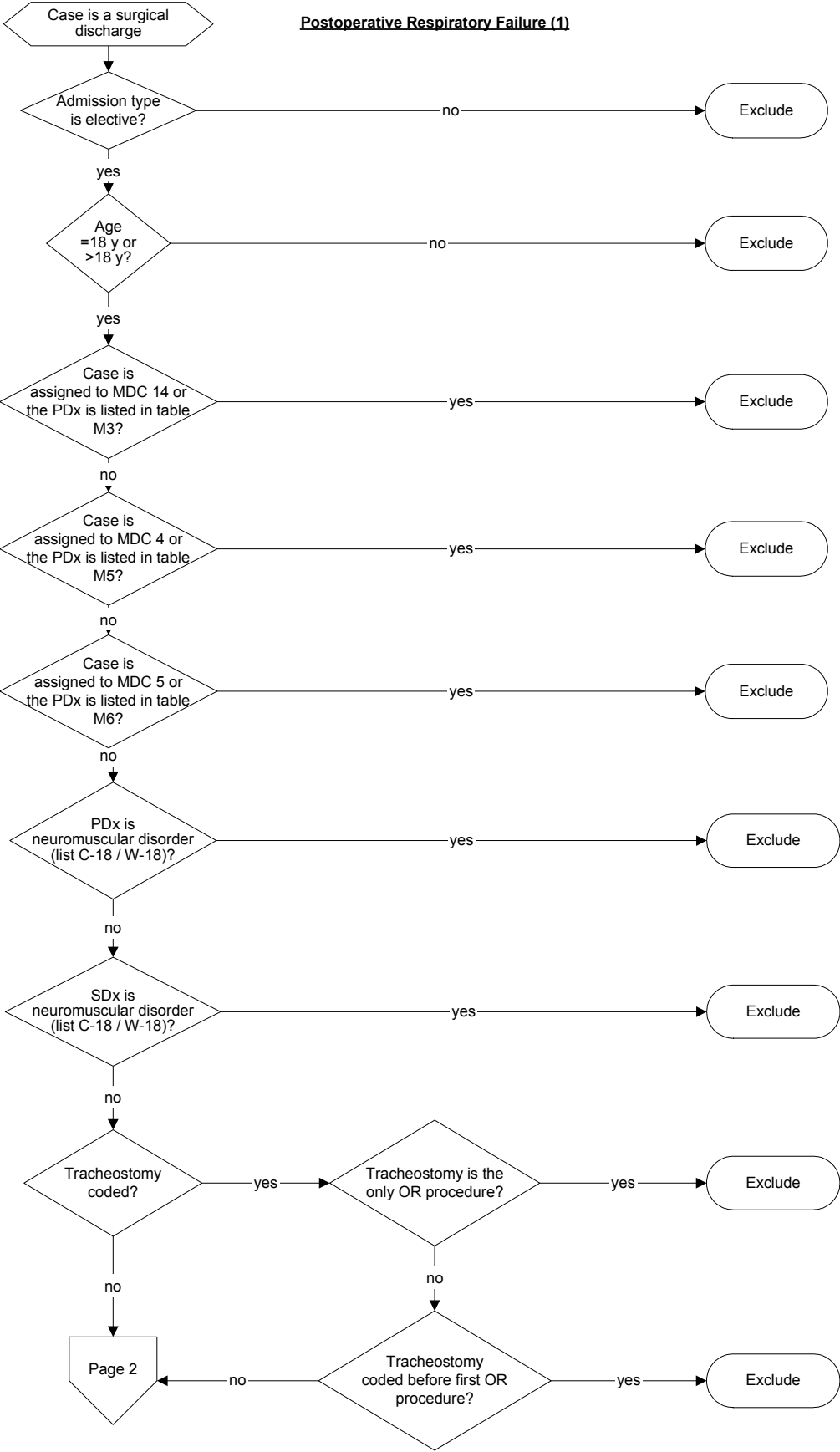
- With pre-existing (principal diagnosis or secondary diagnosis present on admission, if known) acute respiratory failure
- With ICD-9-CM diagnosis code of neuromuscular disorder
- Where a procedure for tracheostomy is the only operating room procedure.
- Where a procedure for tracheostomy occurs before the first operating room procedure.
Note: If day of procedure is not available in the input data file, the rate may be slightly lower than if the information was available.
- MDC 14 (pregnancy, childbirth, and puerperium) or principal diagnosis in Annex 2 - Code List M-3
- MDC 4 (diseases/disorders of respiratory system) or principal diagnosis in Annex 2 - Code List M-5
- MDC 5 (diseases/disorders of circulatory system) or principal diagnosis in Annex 2 - Code List M-6

See Annex 1 - Code List C-18 for ICD-9-CM diagnosis code of neuromuscular disorder

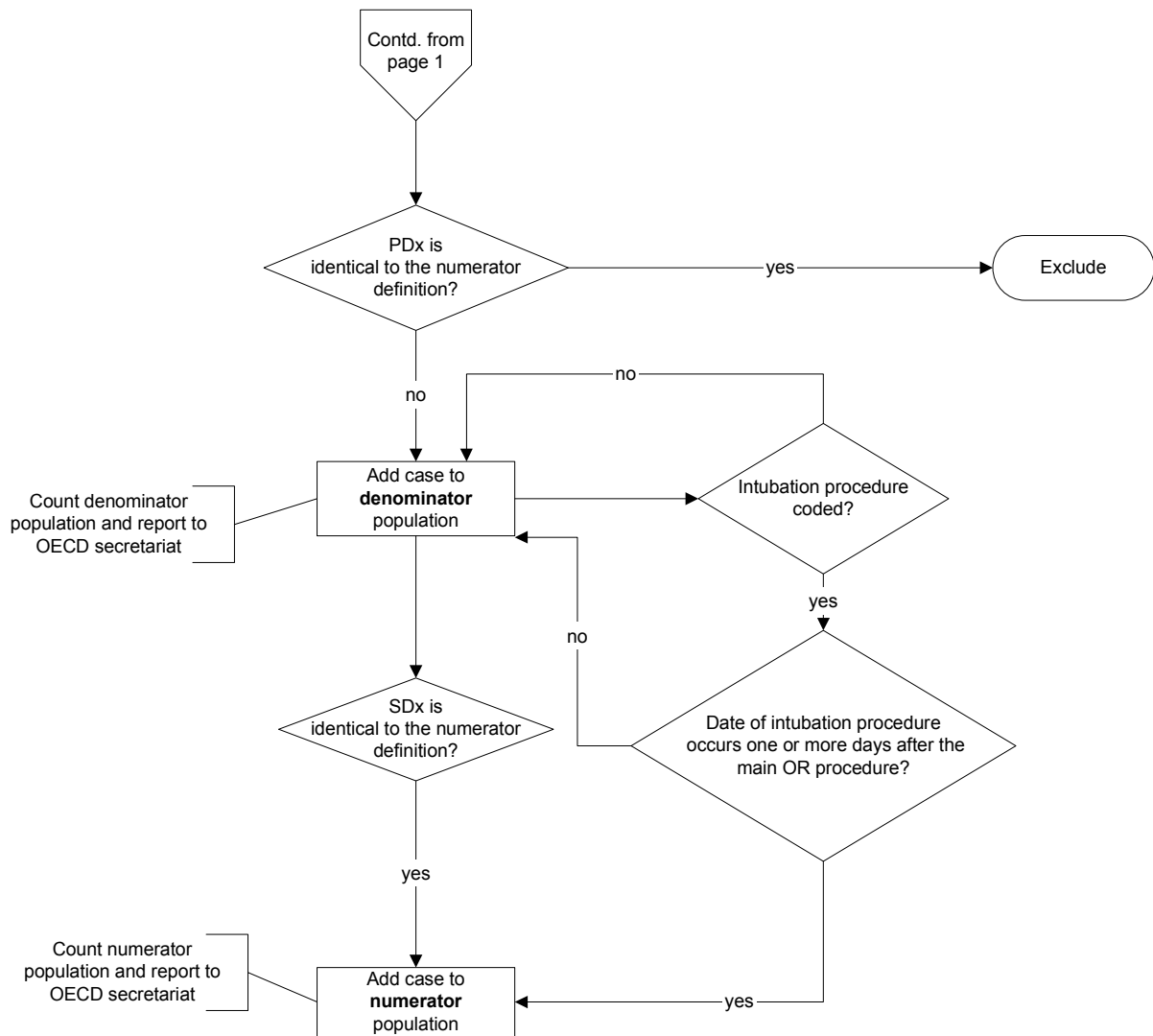
See Annex 1 - Code List W-18 for ICD-10-WHO diagnosis code of neuromuscular disorder

ICD-9-CM Tracheostomy procedure codes:

- 3121 Mediastinal tracheostomy
- 3129 Other perm tracheostomy
- 3174 Revision of tracheostomy



Postoperative Respiratory Failure (2)



Postoperative Pulmonary Embolism (PE) or Deep Vein Thrombosis (DVT), Secondary Diagnosis Field per 100 Discharges (PSI 12)

Numerator:

61. Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD codes for deep vein thrombosis or pulmonary embolism in any secondary diagnosis field.

ICD-9-CM Pulmonary Embolism and Deep Vein Thrombosis diagnosis codes:

ICD-9-CM Pulmonary Embolism diagnosis codes:

41511	Iatrogenic pulmonary embolism and infarction
41519	Pulmonary embolism and infarction, other

ICD-9-CM Deep Vein Thrombosis diagnosis codes:

45111	Phlebitis and thrombosis of femoral vein (deep) (superficial)
45119	Phlebitis and thrombophlebitis of deep vessel of lower extremities – other
4512	Phlebitis and thrombophlebitis of lower extremities
45181	Phlebitis and thrombophlebitis of iliac vein
4519	Phlebitis and thrombophlebitis of other sites – of unspecified site
45340	DVT-embolism lower ext nos (Oct 04)
45341	DVT-emb prox lower ext
45342	DVT-emb distal lower ext
4538	Other venous embolism and thrombosis of other specified veins
4539	Other venous embolism and thrombosis of unspecified site

ICD-10-WHO Pulmonary Embolism and Deep Vein Thrombosis diagnosis codes:

I26.0	Pulmonary embolism with mention of acute cor pulmonale
I26.9	Pulmonary embolism without mention of acute cor pulmonale
I80.1	Phlebitis and thrombophlebitis of femoral vein
I80.2	Phlebitis and thrombophlebitis of other deep vessels of lower extremities
I80.3	Phlebitis and thrombophlebitis of lower extremities, unspecified
I80.8	Phlebitis and thrombophlebitis of other sites
I80.9	Phlebitis and thrombophlebitis of unspecified site
I82.8	Embolism and thrombosis of other specified veins
I82.9	Embolism and thrombosis of unspecified vein

Denominator:

62. All surgical discharges age 18 and older with a code for an operating room procedure

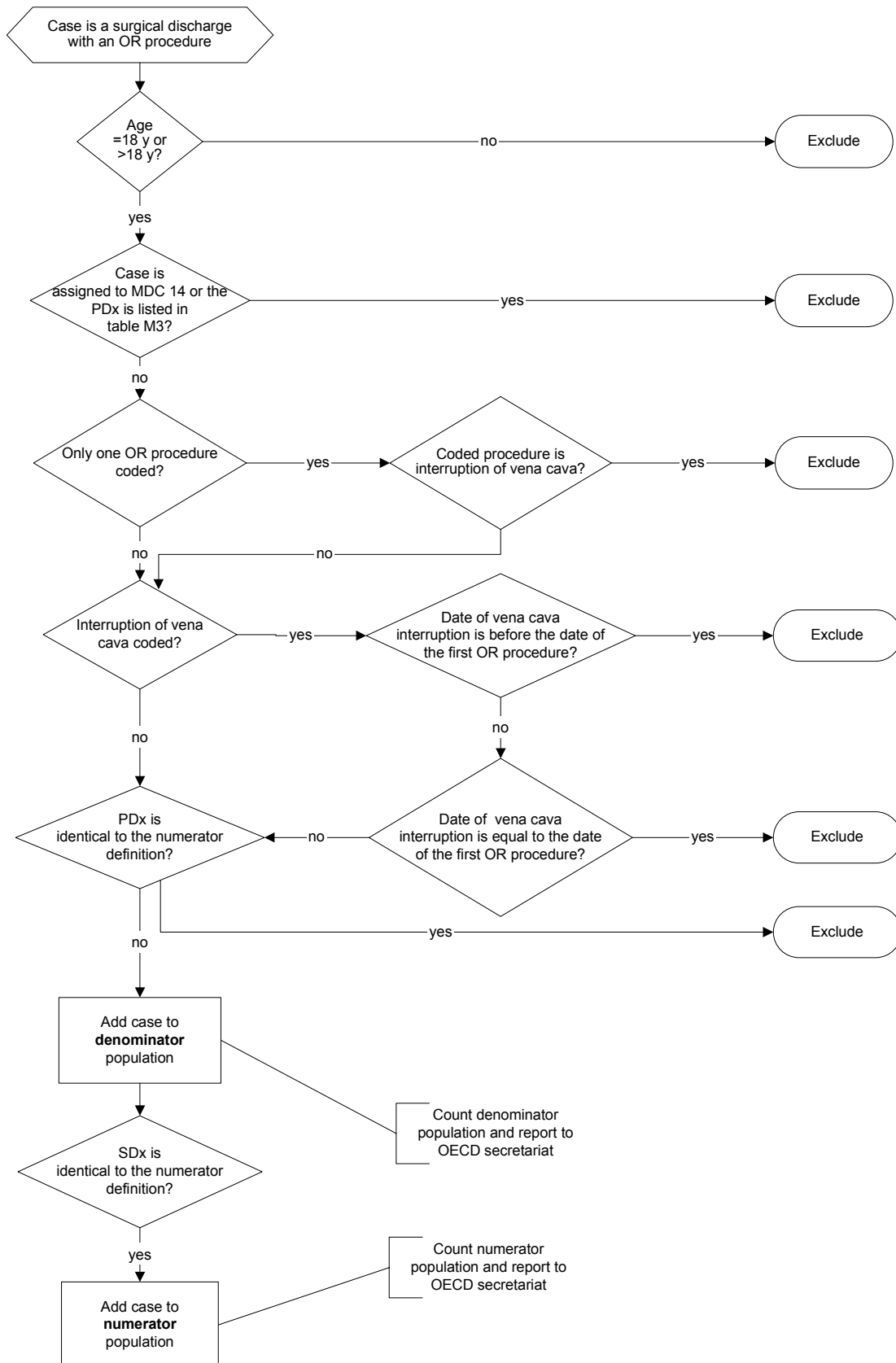
Exclude cases:

- With pre-existing (principal diagnosis or secondary diagnosis present on admission, if known) deep vein thrombosis or pulmonary embolism
- Where a procedure for interruption of vena cava is the only operating room procedure
- Where a procedure for interruption of vena cava occurs before or on the same day as the first operating room procedure
 - Note: If day of procedure is not available in the input data file, the rate may be slightly lower than if the information was available.
- MDC 14 (pregnancy, childbirth, and puerperium) or principal diagnosis in Annex M-3

ICD-9-CM Interruption of Vena Cava procedure code:

387	Interruption of vena cava
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Postoperative Pulmonary Embolism (PE) or Deep Vein Thrombosis (DVT)



Postoperative Sepsis, Secondary Diagnosis Field per 100 Discharges (PSI 13)**Numerator:**

63. Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD code for sepsis in any secondary diagnosis field.

ICD-9-CM Sepsis diagnosis codes:

0380	Streptococcal septicaemia
03810	Staphylococcal ependence, unspecified
03811	Staphylococcus aureus septicaemia
03819	Other staphylococcal septicaemia
0382	Pneumococcal ependence (streptococcus pneumoniae ependence)
0383	Septicaemia due to anaerobes
78552	Septic shock
78559	Other shock w/o mention of trauma
9980	Postoperative shock

Septicaemia due to:

03840	Gram-negative organism, unspecified
03841	Hemophilus influenzae
03842	Escherichia coli
03843	Pseudomonas
03844	Serratia
03849	Septicaemia due to other gram-negative organisms
0388	Other specified septicaemias
0389	Unspecified septicaemia
99591	Systemic inflammatory response syndrome due to infectious process w/o organ dysfunction
99592	Systemic inflammatory response syndrome due to infectious process w/organ dysfunction

ICD-10-WHO Sepsis diagnosis codes:

A40.0	Septicaemia due to streptococcus, group a
A40.1	Septicaemia due to streptococcus, group b
A40.2	Septicaemia due to streptococcus, group d
A40.3	Septicaemia due to streptococcus pneumoniae
A40.8	Other streptococcal septicaemia
A40.9	Streptococcal septicaemia, unspecified
A41.0	Septicaemia due to staphylococcus aureus
A41.1	Septicaemia due to other specified staphylococcus
A41.2	Septicaemia due to unspecified staphylococcus
A41.3	Septicaemia due to haemophilus influenzae
A41.4	Septicaemia due to anaerobes
A41.5	Septicaemia due to other gram-negative organisms
A41.8	Other specified septicaemia
A41.9	Septicaemia, unspecified
R57.8	Other shock
T81.1	Shock during or resulting from a procedure, not elsewhere classified

Note: If country version of ICD contains a certain ICD-code for SIRS (Systemic Inflammatory Response syndrome, ICD-10: R65.-) add to numerator inclusion list.

Denominator:

64. All **elective** (defined by the admission type) surgical discharges age 18 and older with a code for an operating room procedure.

Exclude cases:

- With pre-existing (principal diagnosis or secondary diagnosis present on admission, if known) sepsis or infection
- With a **principal diagnosis of infection, or any** code for immunocompromised state, or cancer
- MDC 14 (pregnancy, childbirth, and puerperium) or principal diagnosis in Annex 2 - Code List M-3
- With length of stay of less than 4 days

See Annex 1 - Code List C-1 for ICD-9-CM immunocompromised state codes

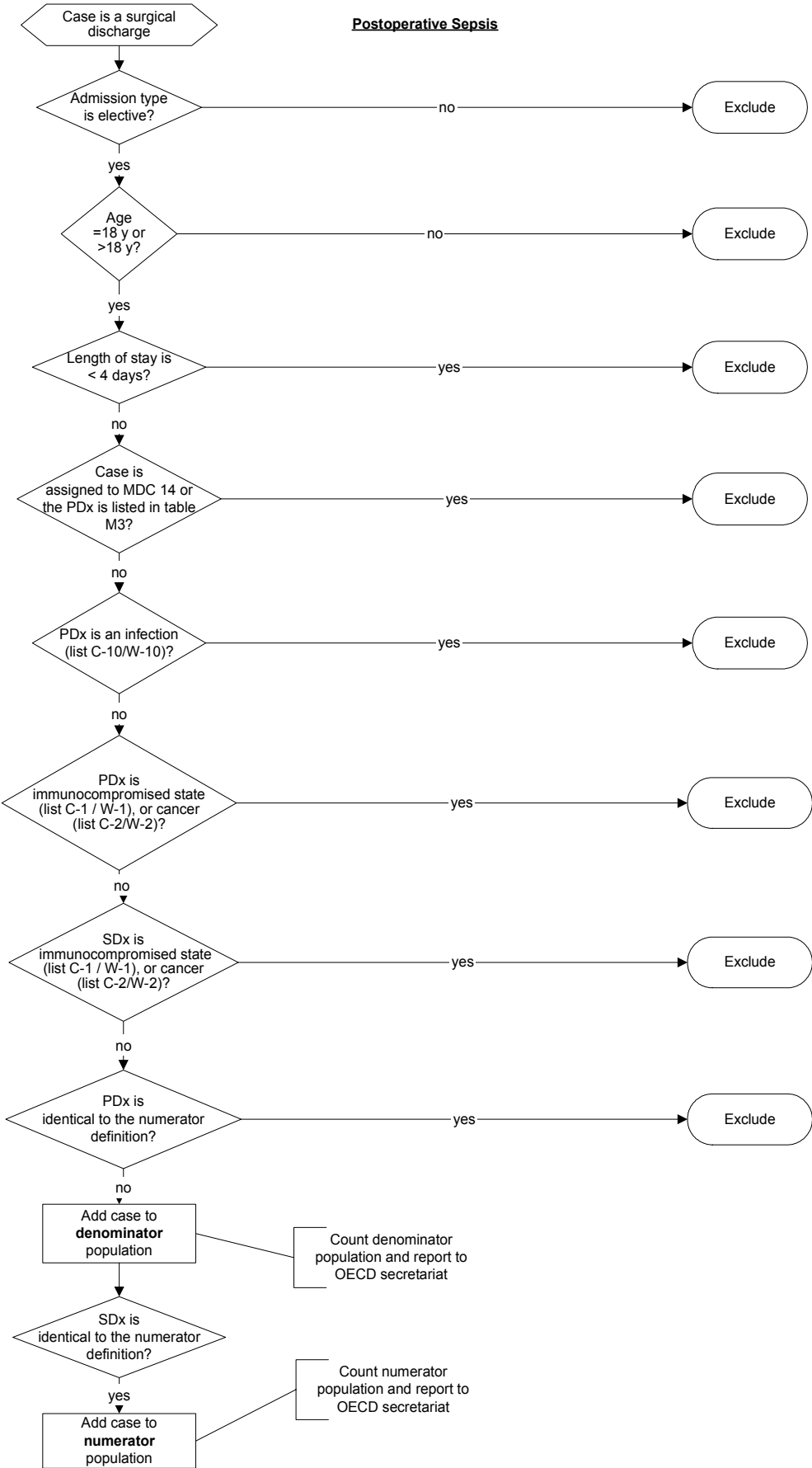
See Annex 1 - Code List W-1 for ICD-10-WHO immunocompromised state codes

See Annex 1 - Code List C-2 for ICD-9-CM cancer codes

See Annex 1 - Code List W-2 for ICD-10-WHO cancer codes

See Annex 1 - Code List C-10 for ICD-9-CM infection codes

See Annex 1 - Code List W-10 for ICD-10-WHO infection codes



Technical Difficulty with Procedure / Accidental Puncture or Laceration, Secondary Diagnosis Field per 100 Discharges (PSI 15)

Numerator:

65. Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD code denoting accidental cut, puncture, perforation or laceration during a procedure in any secondary diagnosis field.

ICD-9-CM Accidental Puncture or Laceration diagnosis codes:

Accidental cut, puncture, perforation, or haemorrhage during medical care.

E8700	Surgical operation
E8701	Infusion or transfusion
E8702	Kidney dialysis or other perfusion
E8703	Injection or vaccination
E8704	Endoscopic examination
E8705	Aspiration of fluid or tissue, puncture, and catheterization
E8706	Heart catheterization
E8707	Administration of enema
E8708	Other specified medical care
E8709	Unspecified medical care
9982	Accidental puncture or laceration during a procedure

ICD-10-WHO Accidental Puncture or Laceration diagnosis codes:

T81.2	Accidental puncture and laceration during a procedure, not elsewhere classified
Y60.0	Unintentional cut, puncture, perforation or haemorrhage during surgical and medical care: during surgical operation
Y60.1	Unintentional cut, puncture, perforation or haemorrhage during surgical and medical care: during infusion or transfusion
Y60.2	Unintentional cut, puncture, perforation or haemorrhage during surgical and medical care: during kidney dialysis or other perfusion
Y60.3	Unintentional cut, puncture, perforation or haemorrhage during surgical and medical care: during injection or immunization
Y60.4	Unintentional cut, puncture, perforation or haemorrhage during surgical and medical care: during endoscopic examination
Y60.5	Unintentional cut, puncture, perforation or haemorrhage during surgical and medical care: during heart catheterization
Y60.6	Unintentional cut, puncture, perforation or haemorrhage during surgical and medical care: during aspiration, puncture and other catheterization
Y60.7	Unintentional cut, puncture, perforation or haemorrhage during surgical and medical care: during administration of enema
Y60.8	Unintentional cut, puncture, perforation or haemorrhage during surgical and medical care: during other surgical and medical care
Y60.9	Unintentional cut, puncture, perforation or haemorrhage during surgical and medical care: during unspecified surgical and medical care

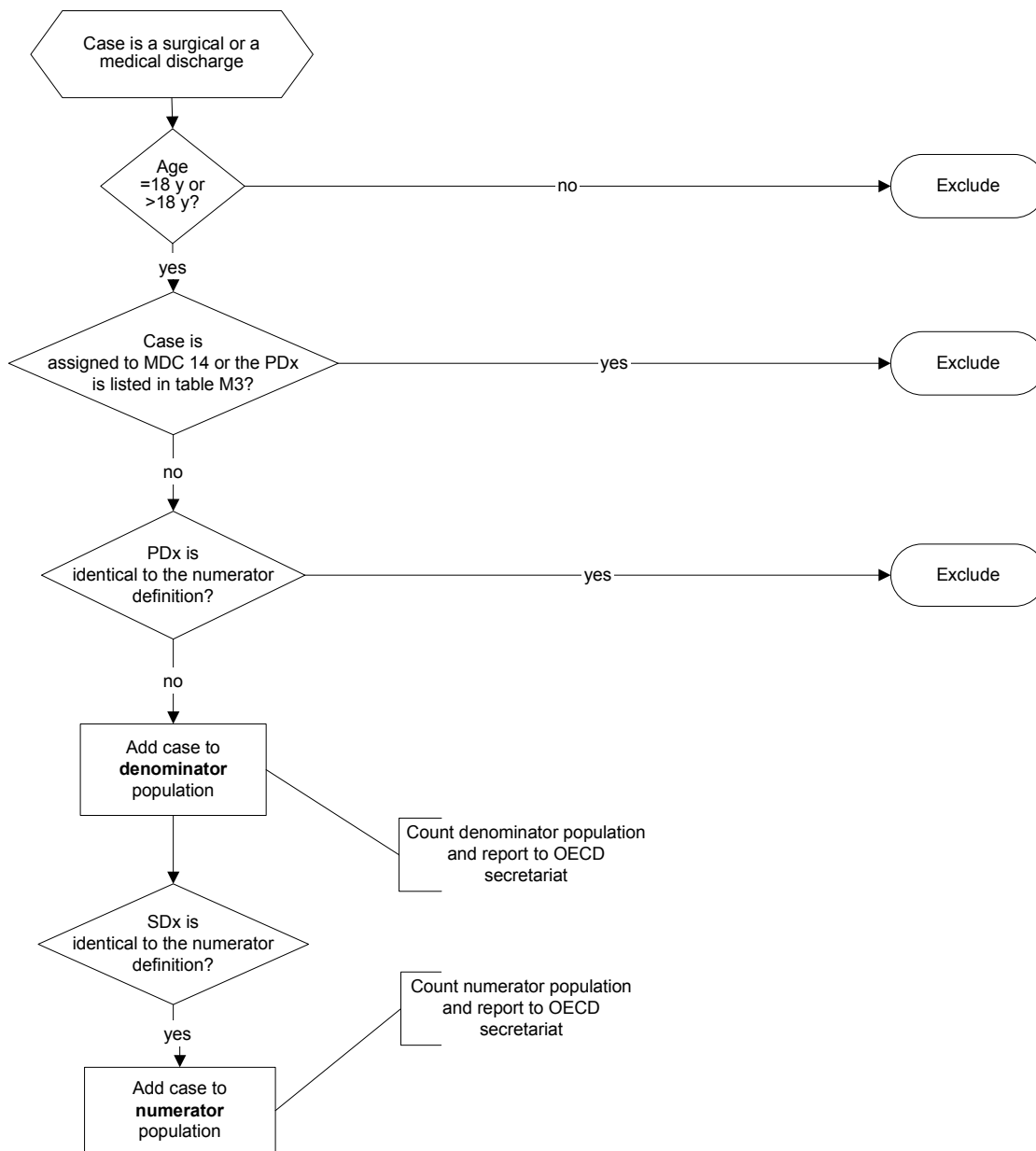
Denominator:

66. All surgical and medical discharges age 18 years and older.

Exclude cases:

- With ICD-9-CM code denoting technical difficulty (e.g., accidental cut, puncture, perforation, or laceration) in the principal diagnosis field or secondary diagnosis present on admission, if known
- MDC 14 (pregnancy, childbirth, and puerperium) or principal diagnosis in Annex 2 - Code List M-3

Technical Difficulty with Procedure



Transfusion Reaction, Secondary Diagnosis Field per 100 Discharges (PSI 16)

Numerator:

67. Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD codes for transfusion reaction in any secondary diagnosis field.

ICD-9-CM Transfusion Reaction diagnosis codes:

9996	ABO incompatibility reaction
9997	Rh incompatibility reaction
E8760	Mismatched blood in transfusion

ICD-10-WHO Transfusion Reaction diagnosis codes:

T80.3	ABO incompatibility reaction
T80.4	Rh incompatibility reaction
Y65.0	Mismatched blood used in transfusion

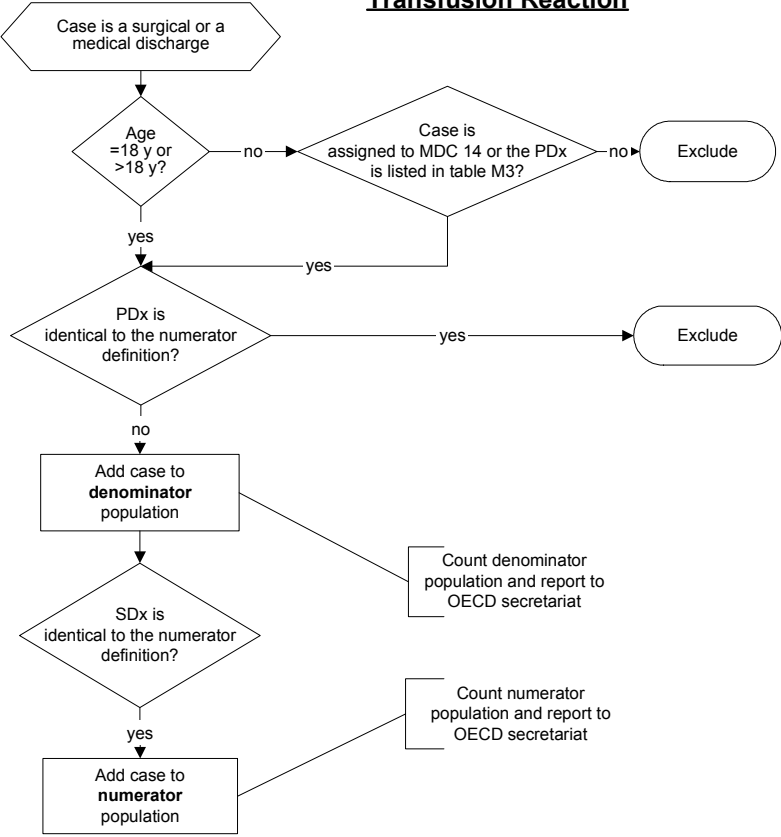
Denominator:

68. All surgical and medical discharges, 18 years and older **or** MDC 14 (pregnancy, childbirth, and puerperium). Assign a principal diagnosis from Annex 2 - Code List M-3 if criteria “MDC 14” is not available.

Exclude cases

- With pre-existing (principal diagnosis or secondary diagnosis present on admission, if known) transfusion reaction

Transfusion Reaction



Birth Trauma – Injury to Neonate, any Diagnosis Field per 100 Live-born Births (PSI 17)**Numerator:**

69. Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD codes for birth trauma in any diagnosis field.

ICD-9-CM Birth Trauma diagnosis codes:

7670	Subdural and cerebral haemorrhage (due to trauma or to intrapartum anoxia or hypoxia)
76711	Epicranial subaponeurotic haemorrhage (massive) (Oct 03)
7673	Injuries to skeleton (excludes clavicle)
7674	Injury to spine and spinal cord
7677	Other cranial and peripheral nerve injuries
7678	Other specified birth trauma
7679	Birth trauma, unspecified

ICD-10-WHO Birth Trauma diagnosis codes:

P10.0	Subdural haemorrhage due to birth injury
P10.1	Cerebral haemorrhage due to birth injury
P10.2	Intraventricular haemorrhage due to birth injury
P10.3	Subarachnoid haemorrhage due to birth injury
P10.4	Tentorial tear due to birth injury
P10.8	Other intracranial lacerations and haemorrhages due to birth injury
P10.9	Unspecified intracranial laceration and haemorrhage due to birth injury
P11.0	Cerebral oedema due to birth injury
P11.1	Other specified brain damage due to birth injury
P11.2	Unspecified brain damage due to birth injury
P11.4	Birth injury to other cranial nerves
P11.5	Birth injury to spine and spinal cord
P11.9	Birth injury to central nervous system, unspecified
P12.2	Epicranial subaponeurotic haemorrhage due to birth injury
P13.0	Fracture of skull due to birth injury
P13.1	Other birth injuries to skull
P13.2	Birth injury to femur
P13.3	Birth injury to other long bones
P13.8	Birth injuries to other parts of skeleton
P13.9	Birth injury to skeleton, unspecified
P14.2	Phrenic nerve paralysis due to birth injury
P14.8	Birth injuries to other parts of peripheral nervous system
P14.9	Birth injury to peripheral nervous system, unspecified
P15.0	Birth injury to liver
P15.1	Birth injury to spleen
P15.2	Sternomastoid injury due to birth injury
P15.3	Birth injury to eye
P15.4	Birth injury to face
P15.5	Birth injury to external genitalia
P15.6	Subcutaneous fat necrosis due to birth injury
P15.8	Other specified birth injuries
P15.9	Birth injury, unspecified

Exclude infants:

- With a subdural or cerebral haemorrhage (subgroup of birth trauma coding) **and** any diagnosis code of pre-term infant (denoting birth weight of less than 2,500 grams and less than 37 weeks gestation or 34 weeks gestation or less).
- With injury to skeleton **and** any diagnosis code of osteogenesis imperfecta.

Denominator:

70. All liveborn births (newborns).

71. The definition of newborn is any neonate with either:

- 1) A diagnosis code for an in-hospital liveborn birth or
- 2) An admission type of newborn, age in days at admission equal to zero, and not an ICD-9-CM diagnosis code for an out-of-hospital birth.

72. A neonate is defined as any discharge with age in days at admission between zero and 28 days (inclusive). If age in days is missing, then a neonate is defined as any DRG in MDC 15 (ICD-10-WHO code list in Annex 2 - Code List M-4) and an admission type of newborn, or a diagnosis code for an in-hospital liveborn birth. Another option for identification of an in hospital birth may be the age in days at admission is 0 and the admission type is not transferred from another acute care facility.

See Annex 1 - Code List C-11 for ICD-9-CM subdural or cerebral haemorrhage diagnosis codes

See Annex 1 - Code List W-11 for ICD-10-WHO subdural or cerebral haemorrhage diagnosis codes

See Annex 1 - Code List C-12 for ICD-9-CM preterm infant diagnosis codes

See Annex 1 - Code List W-12 for ICD-10-WHO preterm infant diagnosis codes

See Annex 1 - Code List C-13 for ICD-9-CM injury to skeleton diagnosis codes

See Annex 1 - Code List W-13 for ICD-10-WHO injury to skeleton diagnosis codes

See Annex 1 - Code List C-14 for ICD-9-CM osteogenesis imperfecta diagnosis codes

See Annex 1 - Code List W-14 for ICD-10-WHO osteogenesis imperfecta diagnosis codes

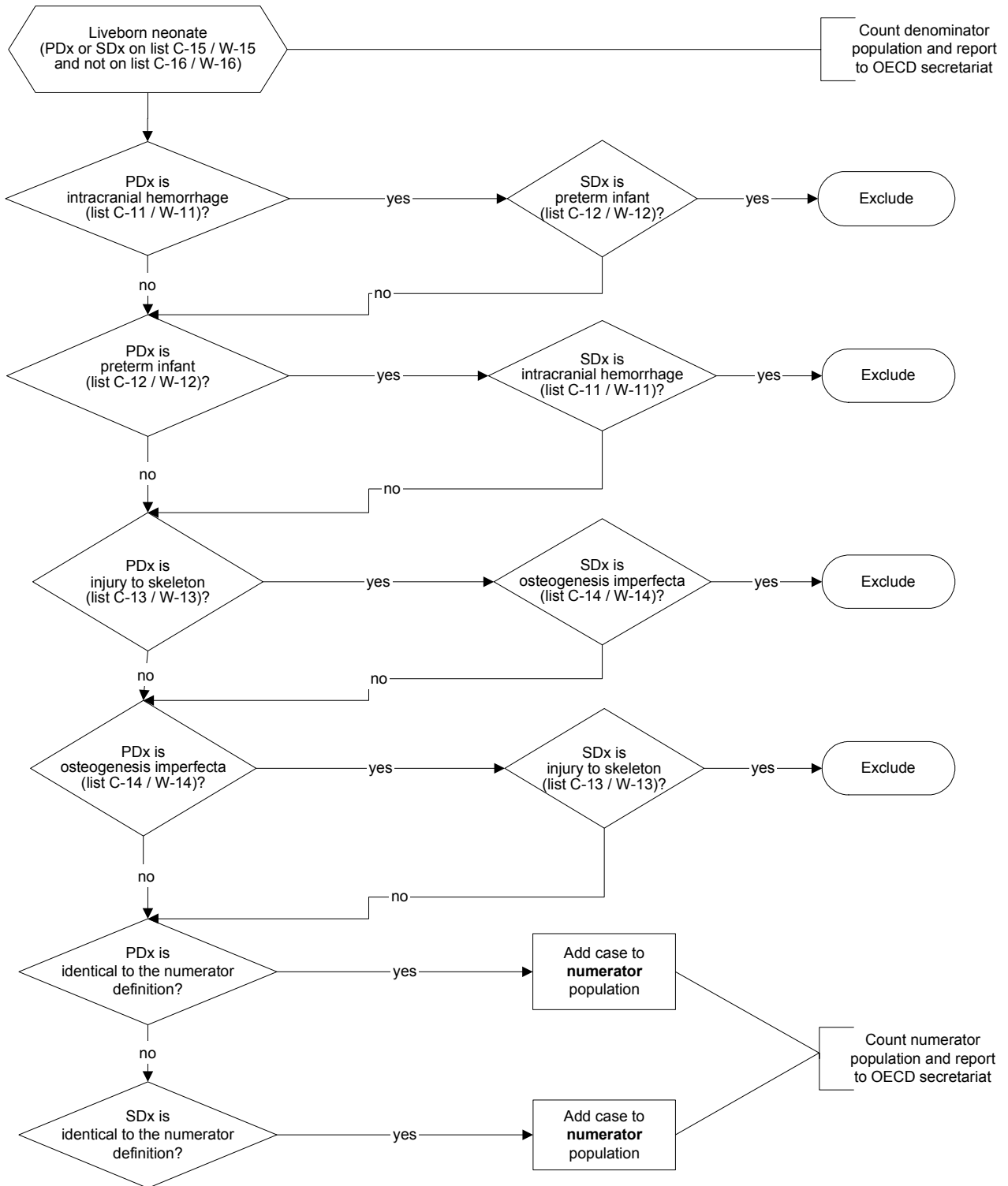
See Annex 1 - Code List C-15 for ICD-9-CM newborn in hospital live birth codes

See Annex 1 - Code List W-15 for ICD-10-WHO newborn in hospital live birth codes

See Annex 1 - Code List C-16 for ICD-9-CM newborn out of hospital codes

See Annex 1 - Code List W-16 for ICD-10-WHO newborn out of hospital codes

Birth trauma - Injury to Neonate



Obstetric Trauma – Vaginal Delivery with Instrument, any Diagnosis or Procedure Field per 100 Vaginal Deliveries (PSI 18)⁹

Numerator¹⁰:

73. Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD-9-CM codes for 3rd and 4th degree obstetric trauma in any diagnosis or procedure field.

ICD-9-CM Obstetric Trauma diagnosis codes:

66420.1,4	Trauma to perineum and vulva during delivery, third degree perineal laceration
66430.1,4	Trauma to perineum and vulva during delivery, fourth degree perineal laceration

ICD-9-CM Obstetric Trauma procedure codes:

7550	Repair of current obstetric lacerations of uterus
7551	Repair of current obstetric lacerations of cervix
7552	Repair of current obstetric lacerations of corpus uteri
7561	Repair of current obstetric lacerations of bladder and urethra
7562	Repair of current obstetric lacerations of rectum and sphincter

ICD-10-WHO Obstetric Trauma diagnosis codes:

O70.2	Third degree perineal laceration during delivery
O70.3	Fourth degree perineal laceration during delivery

Denominator:

74. All vaginal delivery discharges with any procedure code for instrument-assisted delivery.

ICD-9-CM Instrument-Assisted Delivery procedure codes:

720	Low forceps operation
721	Low forceps operation w/ episiotomy
7221	Mid forceps operation w/ episiotomy
7229	Other mid forceps operation
7231	High forceps operation w/ episiotomy
7239	Other high forceps operation
724	Forceps rotation of fetal head
7251	Partial breech extraction w/ forceps to aftercoming head
7253	Total breech extraction w/ forceps to aftercoming head
726	Forceps application to aftercoming head
7271	Vacuum extraction w/ episiotomy
7279	Vacuum extraction delivery nec
728	Other specified instrumental delivery
729	Unspecified instrumental delivery

9. It is noted that the Obstetric Trauma – Vaginal Delivery **with** instrument indicator and the Obstetric Trauma – Vaginal Delivery **without** instrument indicator were initially combined and specified as a single indicator for the purposes of an initial pilot calculation of the indicator set by several participating countries in 2007.

10. In contrast to OECD Health Technical Paper No.18 (OECD, 2004) the definition of this numerator had been harmonised to the AHRQ definition.

ICD-9-CM Outcome of delivery codes:

“Note: This category is intended for the coding of the outcome of delivery on the mother’s record.”
(Department of Health and Human Services, 2007)

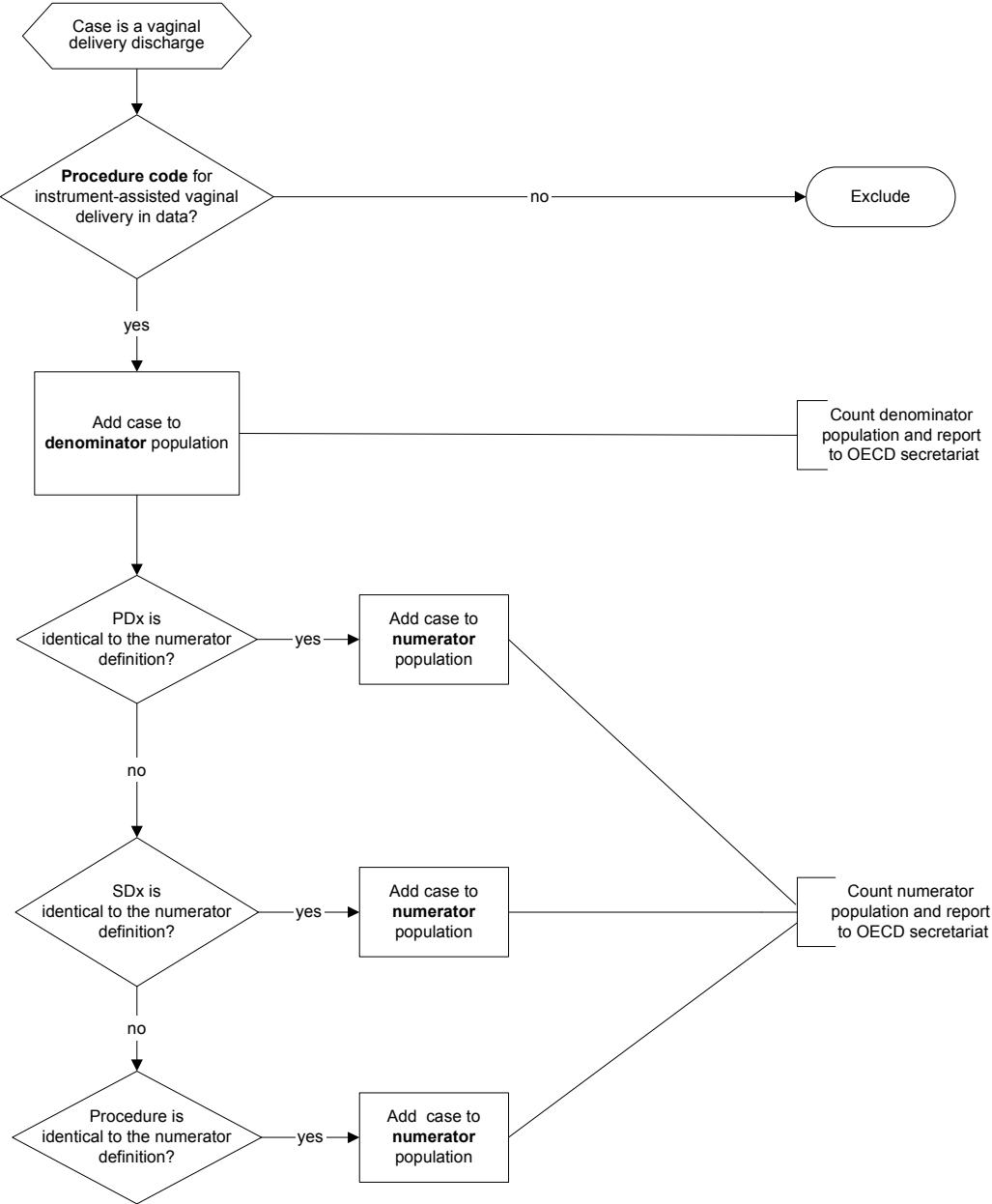
V27.0	Single liveborn
V27.1	Single stillborn
V27.2	Twins, both liveborn
V27.3	Twins, one liveborn and one stillborn
V27.4	Twins, both stillborn
V27.5	Other multiple birth, all liveborn
V27.6	Other multiple birth, some liveborn
V27.7	Other multiple birth, all stillborn
V27.9	Unspecified outcome of delivery

ICD-10-WHO Outcome of delivery codes:

“Note: This category is intended for use as an additional code to identify the outcome of delivery on the mother’s record.” (WHO, 2006)

Z37.0	Single live birth
Z37.1	Single stillbirth
Z37.2	Twins, both liveborn
Z37.3	Twins, one liveborn and one stillborn
Z37.4	Twins, both stillborn
Z37.5	Other multiple births, all liveborn
Z37.6	Other multiple births, some liveborn
Z37.7	Other multiple births, all stillborn
Z37.9	Outcome of delivery, unspecified

Obstetric trauma - Vaginal Delivery with Instrument



Obstetric Trauma—Vaginal Delivery without Instrument (PSI 19)¹¹**Numerator:**

75. Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD-9-CM codes for 3rd and 4th degree obstetric trauma in any diagnosis or procedure field.

ICD-9-CM Obstetric Trauma diagnosis codes:

66420.1,4	Trauma to perineum and vulva during delivery, third degree perineal laceration
66430.1,4	Trauma to perineum and vulva during delivery, fourth degree perineal laceration

ICD-9-CM Obstetric Trauma procedure codes:

7550	Repair of current obstetric lacerations of uterus
7551	Repair of current obstetric lacerations of cervix
7552	Repair of current obstetric lacerations of corpus uteri
7561	Repair of current obstetric lacerations of bladder and urethra
7562	Repair of current obstetric lacerations of rectum and sphincter

ICD-10-WHO Obstetric Trauma diagnosis codes:

O70.2	Third degree perineal laceration during delivery
O70.3	Fourth degree perineal laceration during delivery

Denominator:

76. All vaginal delivery discharge patients.

ICD-9-CM Outcome of delivery codes:

“Note: This category is intended for the coding of the outcome of delivery on the mother’s record.”
(Department of Health and Human Services, 2007)

V27.0	Single liveborn
V27.1	Single stillborn
V27.2	Twins, both liveborn
V27.3	Twins, one liveborn and one stillborn
V27.4	Twins, both stillborn
V27.5	Other multiple birth, all liveborn
V27.6	Other multiple birth, some liveborn
V27.7	Other multiple birth, all stillborn
V27.9	Unspecified outcome of delivery

11. It is noted that the Obstetric Trauma – Vaginal Delivery **with** instrument indicator and the Obstetric Trauma – Vaginal Delivery **without** instrument indicator were initially combined and specified as a single indicator for the purposes of an initial pilot calculation of the indicator set by several participating countries in 2007.

ICD-10-WHO Outcome of delivery codes:

“Note: This category is intended for use as an additional code to identify the outcome of delivery on the mother’s record.” (WHO, 2006)

Z37.0	Single live birth
Z37.1	Single stillbirth
Z37.2	Twins, both liveborn
Z37.3	Twins, one liveborn and one stillborn
Z37.4	Twins, both stillborn
Z37.5	Other multiple births, all liveborn
Z37.6	Other multiple births, some liveborn
Z37.7	Other multiple births, all stillborn
Z37.9	Outcome of delivery, unspecified

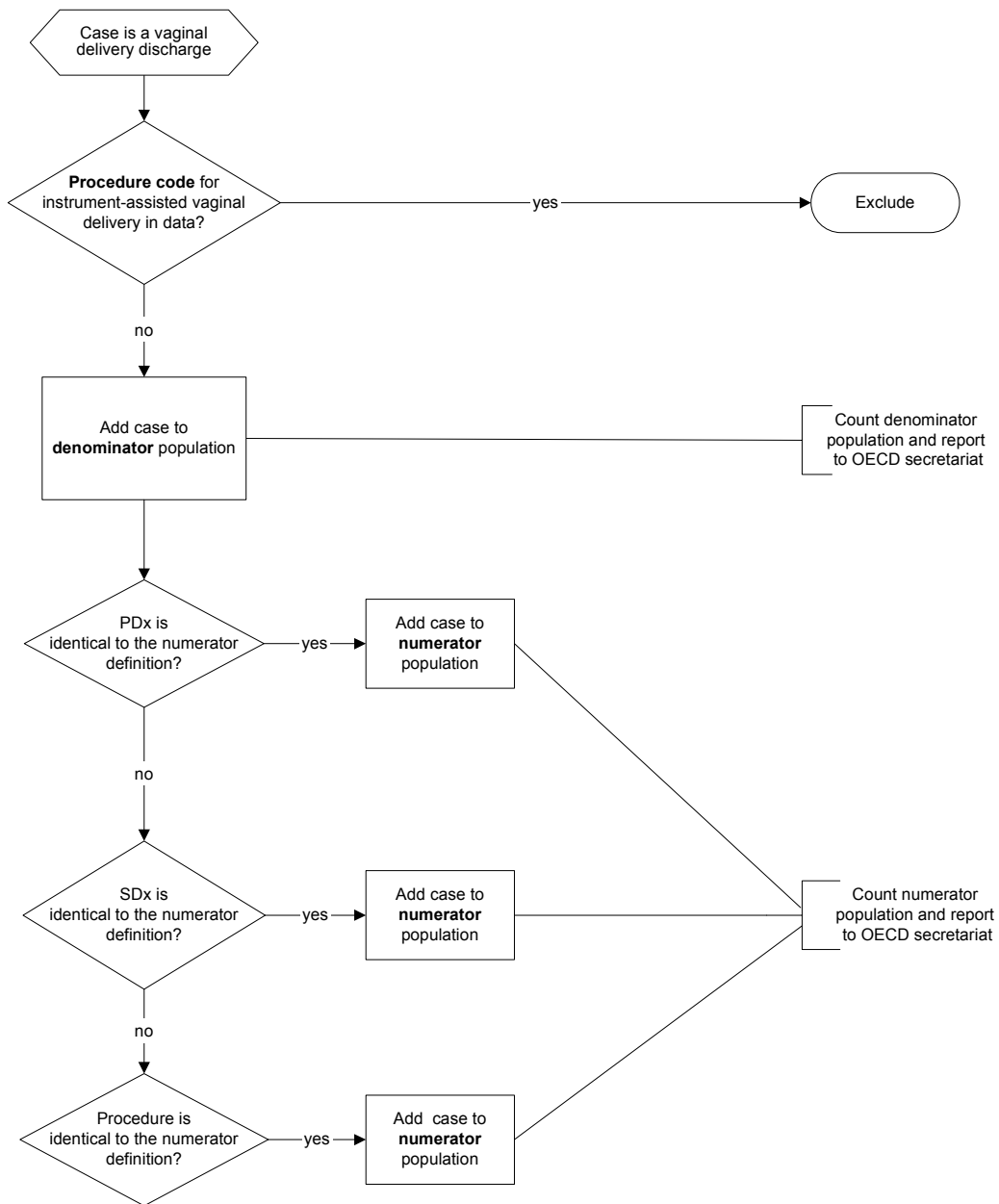
Exclude cases:

- With instrument-assisted delivery.

ICD-9-CM Instrument-Assisted Delivery procedure codes

720	Low forceps operation
721	Low forceps operation w/ episiotomy
7221	Mid forceps operation w/ episiotomy
7229	Other mid forceps operation
7231	High forceps operation w/ episiotomy
7239	Other high forceps operation
724	Forceps rotation of fetal head
7251	Partial breech extraction w/ forceps to aftercoming head
7253	Total breech extraction w/ forceps to aftercoming head
726	Forceps application to aftercoming head
7271	Vacuum extraction w/ episiotomy
7279	Vacuum extraction delivery nec
728	Other specified instrumental delivery
729	Unspecified instrumental delivery

Obstetric trauma - Vaginal Delivery without Instrument



Obstetric Trauma – Caesarean Section, any Diagnosis or Procedure Field per 100 Caesarean Section Deliveries (PSI 20)

Numerator¹²:

77. Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD-9-CM codes for 3rd and 4th degree obstetric trauma in any diagnosis or procedure field.

ICD-9-CM Obstetric Trauma diagnosis codes:

66420.1,4	Trauma to perineum and vulva during delivery, third degree perineal laceration
66430.1,4	Trauma to perineum and vulva during delivery, fourth degree perineal laceration

ICD-9-CM Obstetric Trauma procedure codes:

7550	Repair of current obstetric lacerations of uterus
7551	Repair of current obstetric lacerations of cervix
7552	Repair of current obstetric lacerations of corpus uteri
7561	Repair of current obstetric lacerations of bladder and urethra
7562	Repair of current obstetric lacerations of rectum and sphincter ani

ICD-10-WHO Obstetric Trauma diagnosis codes:

O70.2	Third degree perineal laceration during delivery
O70.3	Fourth degree perineal laceration during delivery

Denominator:

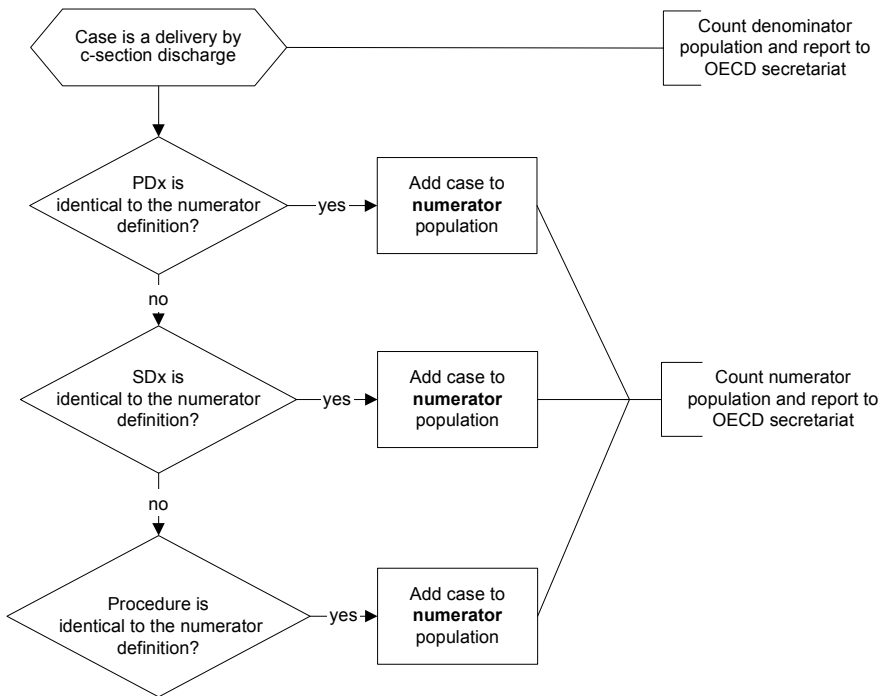
78. All caesarean delivery discharges.

ICD-9-CM Caesarean Delivery procedure codes:

74.0	Classical caesarean
74.1	Low cervical caesarean
74.2	Extraperitoneal caesarean section
74.4	Caesarean section of other specified type
74.99	Other caesarean section of unspecified type

12. In contrast to OECD Health Technical Paper No. 18 (OECD, 2004) the definition of this numerator had been harmonised to the AHRQ definition.

Obstetric Trauma - Cesarean Section



ANNEX 1: DENOMINATOR CALCULATION CODE LISTS

Code List C: ICD-9-CM codes for denominator calculation (refer to codes below)

App No.	Code List	Indicator	Function
C-1	ICD-9-CM immunocompromised state codes	Infection due to medical care postoperative sepsis	Denominator exclusion, if principal diagnosis or secondary diagnosis
C-2	ICD-9-CM cancer codes	Infection due to medical care Postoperative sepsis	Denominator exclusion, if principal diagnosis or secondary diagnosis
C-3	ICD-9-CM hemiplegia codes	Decubitus ulcer	Denominator exclusion, if principal diagnosis or secondary diagnosis
C-4	ICD-9-CM spina bifida or anoxic brain damage codes	Decubitus ulcer	Denominator exclusion, if principal diagnosis or secondary diagnosis
C-5	Self-Inflicted Injury Diagnosis ICD-9-CM Codes	Complications of anaesthesia, postoperative hip fracture	Complications of anaesthesia: denominator exclusion, if coded together with drug dependence and active nondependent abuse of drugs (c-7) Hip fracture: denominator exclusion, if principal diagnosis or secondary diagnosis
C-6	Poisoning due to anaesthetics ICD-9-CM Codes	Complications of anaesthesia	Denominator exclusion, if coded together with drug dependence and active nondependent abuse of drugs (c-7)
C-7	ICD-9-CM codes for Drug dependence and active nondependent abuse of drugs	Complications of anaesthesia	Denominator exclusion, if coded together with self-inflicted injury diagnosis (c-5) or poisoning due to anaesthetics icd-9-cm codes (c-6)
C-8	ICD-9-CM codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury	Postoperative hip fracture	Denominator exclusion, if principal diagnosis
C-9	ICD-9-CM codes for metastatic cancer, lymphoid malignancy or bone malignancy	Postoperative hip fracture	Denominator exclusion, if principal diagnosis or secondary diagnosis
C-10	ICD-9-CM codes for infections	Postoperative sepsis	Denominator exclusion, if principal diagnosis

App No.	Code List	Indicator	Function
C-11	ICD-9-CM subdural or cerebral haemorrhage diagnosis codes	Injury to neonate	Denominator exclusion, if coded together with preterm infant diagnosis codes (c-12)
C-12	ICD-9-CM Preterm Infant diagnosis codes	Injury to neonate	Denominator exclusion, if coded together with subdural or cerebral haemorrhage diagnosis codes (c-11)
C-13	ICD-9-CM injury to skeleton diagnosis codes	Injury to neonate	Denominator exclusion, if coded together with osteogenesis imperfecta diagnosis codes (c-14)
C-14	ICD-9-CM osteogenesis imperfecta diagnosis codes	Injury to neonate	Denominator exclusion, if coded together with injury to skeleton diagnosis codes (c-13)
C-15	ICD-9-CM Newborn in Hospital Live Birth Codes	Injury to neonate	Denominator inclusion
C-16	ICD-9-CM Newborn out of Hospital Codes	Injury to neonate	Denominator exclusion
C-17	ICD-9-CM chest trauma or pleural effusion codes	Iatrogenic pneumothorax	Denominator exclusion
C-18	ICD-9-CM neuromuscular disorder codes	Postoperative respiratory failure	Denominator exclusion

C-1: ICD-9-CM Immunocompromised States diagnosis codes:

042	Human immunodeficiency virus disease
363	Pneumocystosis
260	Kwashiorkor (Oct 05)
261	Nutritional marasmus (Oct 05)
262	Oth severe malnutrition (Oct 05)
23873	Hi grde myelodys syn les (Oct 06)
23876	Myelofi w myelo metaplas(Oct 06)
27900	Hypogammaglobulinem nos
27901	Selective iga immunodef
27902	Selective igm immunodef
27903	Selective ig defic nec
27904	Cong hypogammaglobulinem
27905	Immunodeficient w hyper-igm
27906	Common variabl immunodef
27909	Humoral immunity def nec
27910	Immunodef t-cell def nos
27911	Digeorges syndrome
27912	Wiskott-aldrich syndrome
27913	Nezelofs syndrome
27919	Deficient cell immunity nos
2792	Combined immunity deficiency
2793	Unspecified immunity deficiency
2794	Autoimmune disease, not elsewhere classified
2798	Other specified disorders involving the immune mechanism
2799	Unspecified disorder of immune mechanism
28409	Const aplastic anemia nec (Oct 06)
2841	Pancytopenia (Oct 06)
2880	Agranulocytosis (Oct 05)
28800	Neutropenia nos (Oct 06)
28801	Congenital neutropenia (Oct 06)
28802	Cyclic neutropenia (Oct 06)
28803	Drug induced neutropenia (Oct 06)
28809	Neutropenia nec (Oct 06)
2881	Function dis neutrophils (Oct 05)
2882	Genetic anomaly leukocyt (Oct 05)
2884	Hemophagocytic syndromes (Oct 06)
28850	Leukocytopenia nos (Oct 06)
28851	Lymphocytopenia (Oct 06)
28859	Decreased wbc count nec (Oct 06)
28953	Neutropenic splenomegaly (Oct 06)
28983	Myelofibrosis (Oct 06)
40301	Mal hyp kidney w chr kid (Oct 05)
40311	Ben hyp kidney w chr kid (Oct 05)
40391	Hyp kidney nos w chr kid (Oct 05)
40402	Mal hy hrt/kid w chr kid (Oct 05)
40403	Mal hyp hrt/kid w hf/kid (Oct 05)
40412	Ben hyp ht/kid w chr kid (Oct 05)

C-1: ICD-9-CM Immunocompromised States diagnosis codes (continued):

40413	Ben hyp ht/kid w hf/kid (Oct 05)
40492	Hyp ht/kid nos w chr kid (Oct 05)
40493	Hyp hrt/kid nos w hf/kid (Oct 05)
5793	Intest postop nonabsorb (Oct 05)
585	Chronic kidney disease (Oct 05)
5855	Chron kidney dis stage v (Oct 05)
5856	End stage renal disease (Oct 05)
9968	Complications of transplanted organ
99680	Comp organ transplnt nos
99681	Compl kidney transplant
99682	Compl liver transplant
99683	Compl heart transplant
99684	Compl lung transplant
99685	Compl marrow transplant
99686	Compl pancreas transplnt
99687	Comp intestine transplnt
99689	Comp oth organ transplnt
V420	Kidney replaced by transplant
V421	Heart replaced by transplant
V426	Lung replaced by transplant
V427	Liver replaced by transplant
V428	Other specified organ or tissue
V4281	Bone marrow specified by transplant
V4282	Peripheral stem cells replaced by transplant
V4283	Pancreas replaced by transplant
V4284	Intestines replace by transplant
V4289	Other replaced by transplant
V451	Renal dialysis status (Oct 05)
V560	Renal dialysis encounter (Oct 05)
V561	Ft/adj xtrcorp dial cath (Oct 05)
V562	Fit/adj perit dial cath (Oct 05)

C-2: ICD-9-CM cancer codes (includes 4th and 5th digits)

140	Malignant neoplasm of lip	179	Malignant neoplasm of uterus, part unspecified
141	Malignant neoplasm of tongue	180	Malignant neoplasm of cervix uteri
142	Malignant neoplasm of major salivary glands	181	Malignant neoplasm of placenta
143	Malignant neoplasm of gum	182	Malignant neoplasm of body of uterus
144	Malignant neoplasm of floor of mouth	183	Malignant neoplasm of ovary and other uterine adnexa
145	Malignant neoplasm of other and unspecified parts of mouth	184	Malignant neoplasm of other and unspecified female genital organs
146	Malignant neoplasm of oropharynx	185	Malignant neoplasm of prostate
147	Malignant neoplasm of nasopharynx	186	Malignant neoplasm of testes
148	Malignant neoplasm of hypopharynx	187	Malignant neoplasm of penis and other male genital organs
149	Malignant neoplasm of other and ill-defined sites within the lip, oral cavity, and pharynx	188	Malignant neoplasm of bladder
150	Malignant neoplasm of esophagus	189	Malignant neoplasm of kidney and other and unspecified urinary organs
151	Malignant neoplasm of stomach	190	Malignant neoplasm of eye
152	Malignant neoplasm of small intestine, including duodenum	191	Malignant neoplasm of brain
153	Malignant neoplasm of colon	192	Malignant neoplasm of other and unspecified parts of nervous system
154	Malignant neoplasm of rectum, rectosigmoid junction, and anus	193	Malignant neoplasm of thyroid gland
155	Malignant neoplasm of liver and intrahepatic bile ducts	194	Endocrine glands and related structures
156	Malignant neoplasm of gallbladder and extrahepatic bile ducts	195	Malignant neoplasm of other, and ill-defined sites
157	Malignant neoplasm of pancreas	196	Secondary and unspecified malignant neoplasm of lymph nodes
158	Malignant neoplasm of retroperitoneum and peritoneum	197	Secondary malignant neoplasm of respiratory and digestive systems
159	Malignant neoplasm of other and ill-defined sites within the digestive organs and peritoneum	198	Secondary malignant neoplasm of other specified sites
160	Malignant neoplasm of nasal cavities, middle ear, and accessory sinuses	199	Malignant neoplasm w/o specification of site
161	Malignant neoplasm of larynx	200	Lymphosarcoma and reticulosarcoma
162	Malignant neoplasm of trachea, bronchus, and lung	201	Hodgkin's Disease
163	Malignant neoplasm of pleura	202	Other malignant neoplasms of lymphoid and histiocytic tissues
164	Malignant neoplasm of thymus, heart, and mediastinum	203	Multiple myeloma and immunoproliferative neoplasms
165	Malignant neoplasm of other and ill-defined sites within the respiratory system and intrathoracic organs	204	Lymphoid leukemia

C-2: ICD-9-CM cancer codes (includes 4th and 5th digits)(continued)

170	Malignant neoplasm of bone and articular cartilage	205	Myeloid leukemia
171	Malignant neoplasm of connective and other soft tissue	206	Monocytic leukemia
172	Malignant melanoma of skin	207	Other specified leukemia
174	Malignant neoplasm of female breast	208	Leukemia of unspecified cell type
175	Malignant neoplasm of male breast	2386	Neoplasm of uncertain behavior of other and unspecified sites and tissues, plasma cells
176	Karposi's Sarcoma	2733	Macroglobulinemia

Personal history of malignant neoplasm:

V1000	Gastrointestinal tract, unspecified	V1049	Other male genital organs
V1001	Tongue	V1050	Urinary organ, unspecified
V1002	Other and unspecified oral cavity and pharynx	V1051	Bladder
V1003	Esophagus	V1052	Kidney
V1004	Stomach	V1053	Renal pelvis
V1005	Large intestine	V1059	Urinary organs, other
V1006	Rectum, rectosigmoid junction, and anus	V1060	Leukemia, unspecified
V1007	Liver	V1061	Lymphoid leukemia
V1009	Other	V1062	Myeloid leukemia
V1011	Bronchus and lung	V1063	Monocytic leukemia
V1012	Trachea	V1069	Leukemia, other
V1020	Respiratory organ, unspecified	V1071	Lymphosarcoma and reticulosarcoma
V1021	Larynx	V1072	Hodgkin's Disease
V1022	Nasal cavities, middle ear, and accessory sinuses	V1079	Other lymphatic and hematopoietic neoplasms, other
V1029	Other respiratory and intrathoracic organs, other	V1081	Bone
V103	Breast	V1082	Malignant melanoma of skin
V1040	Female genital organ, unspecified	V1083	Other malignant neoplasm of skin
V1041	Cervix uteri	V1084	Eye
V1042	Other parts of uterus	V1085	Brain
V1043	Ovary	V1086	Other parts of nervous system
V1044	Other female genital organs	V1087	Thyroid
V1045	Male genital organ, unspecified	V1088	Other endocrine glands and related structures
V1046	Prostate	V1089	Other
V1047	Testes	V109	Unspecified personal history of malignant neoplasm
V1048	Epididymis		

C-3: ICD-9-CM hemiplegia codes

33371	Athetoid cerebral palsy (Oct 06)
3420	Flaccid hemiplegia
3421	Spastic hemiplegia
3428	Other specified hemiplegia
3429	Hemiplegia, unspecified
3430	Infantile cerebral palsy, diplegic
3431	Infantile cerebral palsy, hemiplegic
3432	Infantile cerebral palsy, quadriplegic
3433	Infantile cerebral palsy, monoplegic
3434	Infantile cerebral palsy infantile hemiplegia
3438	Infantile cerebral palsy other specified infantile cerebral palsy
3439	Infantile cerebral palsy, infantile cerebral palsy, unspecified
3440	Quadriplegia and quadriparesis
3441	Paraplegia
3442	Diplegia of upper limbs
3443	Monoplegia of lower limb
3444	Monoplegia of upper limb
3445	Unspecified monoplegia
3446	Cauda equina syndrome
3448	Other specified paralytic syndromes
3449	Paralysis, unspecified
4382	Hemiplegia/hemiparesis
4383	Monoplegia of upper limb
4384	Monoplegia of lower limb
4385	Other paralytic syndrome
7687	Hypoxic-ischemic enceph (Oct 06)

C-4: ICD-9-CM spina bifida or anoxic brain damage codes

3481	Anoxic brain damage
74100	Spina bifida, w hydrocephalus unspecified region
74101	Spina bifida, w hydrocephalus cervical region
74102	Spina bifida, w hydrocephalus dorsal region
74103	Spina bifida, w hydrocephalus lumbar region
74190	Spina bifida, w/o hydrocephalus unspecified region
74191	Spina bifida, w/o hydrocephalus cervical region
74192	Spina bifida, w/o hydrocephalus dorsal region
74193	Spina bifida, w/o hydrocephalus lumbar region
7685	Severe birth asphyxia

C-5: ICD-9-CM Self-Inflicted Injury diagnosis codes:

Suicide and self-inflicted poisoning by solid or liquid substance:

E9500	Analgesics, antipyretics, and antirheumatics
E9501	Barbiturates
E9502	Other sedative and hypnotics
E9503	Tranquilizers and other psychotropic agents
E9504	Other specified drugs and medicinal substances
E9505	Unspecified drug or medicinal substance
E9506	Agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers
E9507	Corrosive and caustic substances
E9508	Arsenic and its compounds
E9509	Other and unspecified solid and liquid substances

Suicide and self-inflicted poisoning by gases in domestic use:

E9510	Gas distributed by pipeline
E9511	Liquefied petroleum gas distributed in mobile containers
E9518	Other utility gases

Suicide and self-inflicted poisoning by other gases and vapors:

E9520	Motor vehicle exhaust gas
E9521	Other carbon monoxide
E9528	Other specified gases and vapors
E9529	Unspecified gases and vapors

Suicide and self-inflicted injury by hanging, strangulation, and suffocation:

E9530	Hanging
E9531	Suffocation by plastic bag
E9538	Other specified means
E954	Suicide and self-inflicted injury by submersion [drowning]

Suicide and self-inflicted injury by firearms and explosives:

E9550	Handgun
E9551	Shotgun
E9552	Hunting rifle
E9553	Military firearms
E9554	Other and unspecified firearms
E9555	Explosives
E9559	Unspecified
E956	Suicide and self inflicted injury by cutting and piercing instrument

Suicide and self-inflicted injury by jumping from a high place:

E9570	Residential premises
E9571	Other man-made structures
E9572	Natural sites
E9579	Unspecified

Suicide and self-inflicted injury by other and unspecified means:

E9580	Jumping or lying before moving object
E9581	Burns, fire
E9582	Scald
E9583	Extremes of cold
E9584	Electrocution
E9585	Crashing of motor vehicle
E9586	Crashing of aircraft
E9587	Caustic substances except poisoning
E9588	Other specified means
E9589	Unspecified means

C-6: ICD-9-CM codes for Poisoning by other central nervous system depressants and anaesthetics:

9681	Halothane
9682	Other gaseous anesthetics
9683	Intravenous anesthetics
9684	Other and unspecified general anesthetics
9687	Spinal anesthetics
E8551	Accidental poisoning, other nervous system depressants

C-7: ICD-9-CM Drug dependence diagnosis codes

30400	Opioid type dependence - unspecified
30401	Opioid type dependence - continuous
30402	Opioid type dependence - episodic
30410	Barbiturate and similarly acting sedative or hypnotic dependence - unspecified
30411	Barbiturate and similarly acting sedative or hypnotic dependence - continuous
30412	Barbiturate and similarly acting sedative or hypnotic dependence - episodic
30420	Cocaine dependence - unspecified
30421	Cocaine dependence - continuous
30422	Cocaine dependence - episodic
30430	Cannabis dependence - unspecified
30431	Cannabis dependence - continuous
30432	Cannabis dependence - episodic
30440	Amphetamine and other psycho stimulant dependence - unspecified
30441	Amphetamine and other psycho stimulant dependence - continuous
30442	Amphetamine and other psycho stimulant dependence - episodic
30450	Hallucinogen dependence - unspecified
30451	Hallucinogen dependence - continuous
30452	Hallucinogen dependence - episodic
30460	Other specified drug dependence - unspecified
30461	Other specified drug dependence - continuous

C-7: ICD-9-CM Drug dependence diagnosis codes (continued)

30462	Other specified drug dependence - episodic
30470	Combinations of opioid type drug w/ any other - unspecified
30471	Combinations of opioid type drug w/ any other - continuous
30472	Combinations of opioid type drug w/ any other - episodic
30480	Combinations of drug excluding opioid type drug - unspecified
30481	Combinations of drug excluding opioid type drug - continuous
30482	Combinations of drug excluding opioid type drug - episodic
30490	Unspecified drug dependence - unspecified
30491	Unspecified drug dependence - continuous
30492	Unspecified drug dependence - episodic

ICD-9-CM Active Nondependent Abuse of Drugs diagnosis codes:

30520	Cannabis abuse - unspecified
30521	Cannabis abuse - continuous
30522	Cannabis abuse - episodic
30530	Hallucinogen abuse - unspecified
30531	Hallucinogen abuse - continuous
30532	Hallucinogen abuse - episodic
30540	Barbiturate and similarly acting sedative or hypnotic abuse - unspecified
30541	Barbiturate and similarly acting sedative or hypnotic abuse - continuous
30542	Barbiturate and similarly acting sedative or hypnotic abuse - episodic
30550	Opioid abuse - unspecified
30551	Opioid abuse - continuous
30552	Opioid abuse - episodic
30560	Cocaine abuse - unspecified
30561	Cocaine abuse - continuous
30562	Cocaine abuse - episodic
30570	Amphetamine or related acting sympathomimetic abuse - unspecified
30571	Amphetamine or related acting sympathomimetic abuse - continuous
30572	Amphetamine or related acting sympathomimetic abuse - episodic
30580	Antidepressant type abuse - unspecified
30581	Antidepressant type abuse - continuous
30582	Antidepressant type abuse - episodic
30590	Other, mixed, or unspecified drug abuse - unspecified
30591	Other, mixed, or unspecified drug abuse - continuous
30592	Other, mixed, or unspecified drug abuse - episodic

C-8: ICD-9-CM codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**ICD-9-CM Seizure diagnosis codes:**

34500	Generalized nonconvulsive epilepsy – w/o mention of intractable epilepsy
34501	Generalized nonconvulsive epilepsy – w/ intractable epilepsy
34510	Generalized convulsive epilepsy – w/o mention of intractable epilepsy
34511	Generalized convulsive epilepsy – w/ intractable epilepsy
3452	Epilepsy – petit mal status
3453	Epilepsy – grand mal status
34540	Partial epilepsy, w/ impairment of consciousness – w/o intractable epilepsy
34541	Partial epilepsy, w/ impairment of consciousness – w/ mention of intractable epilepsy
34550	Partial epilepsy, w/o mention of impairment of consciousness – w/o mention of intractable epilepsy
34551	Partial epilepsy, w/o mention of impairment of consciousness – w/ intractable epilepsy
34560	Infantile spasms – w/o mention of intractable epilepsy
34561	Infantile spasms – w/ intractable epilepsy
34570	Epilepsia partialis continua – w/o mention of intractable epilepsy
34571	Epilepsia partialis continua – w/ intractable epilepsy
34580	Other forms of epilepsy – w/o mention of intractable epilepsy
34581	Other forms of epilepsy – w/ intractable epilepsy
34590	Epilepsy, unspecified – w/o mention of intractable epilepsy
34591	Epilepsy, unspecified – w/ intractable epilepsy
7803	Convulsions
78031	Febrile convulsions
78032	Complex febrile convulsions (Oct 06)
78039	Other convulsions
7803	Convulsions (old code no longer valid)

ICD-9-CM Trauma diagnosis codes (includes 4th and 5th digits), New codes are listed through 5th digit:

800	Fracture of vault of skull
801	Fracture of base of skull
802	Fracture of face bones
803	Other and unqualified skull fractures
804	Multiple fractures involving skull or face w/ other bones
805	Fracture of vertebral column w/o mention of spinal cord injury
806	Fracture of vertebral column w/ spinal cord injury
807	Fracture of rib[s] sternum, larynx, and trachea
808	Fracture of pelvis
809	Ill-defined fractures of bones of trunk
810	Fracture of clavicle
811	Fracture of scapula
812	Fracture of humerus
813	Fracture of radius and ulna
814	Fracture of carpal bone[s]
815	Fracture of metacarpal bone[s]
817	Multiple fracture of hand bones
818	Ill-defined fractures of upper limb
819	Multiple fractures involving both upper limbs, and upper limb w/ rib and sternum
820	Fracture of neck of femur
821	Fracture of other and unspecified parts of femur
822	Fracture of patella
823	Fracture of tibia and fibula
824	Fracture of ankle
825	Fracture of one or more tarsal and metatarsal bones
827	Other, multiple, and ill-defined fractures of lower limb
828	Multiple fractures involving both lower limbs, lower w/ upper limb, and lower limb w/ rib and sternum
829	Fracture of unspecified bones
830	Dislocation of jaw
831	Dislocation of shoulder
832	Dislocation of elbow
833	Dislocation of wrist
835	Dislocation of hip
836	Dislocation of knee
837	Dislocation of ankle
838	Dislocation of foot
839	Other, multiple, and ill-defined dislocations
850	Concussion
85011	Concussion w/ brief coma <31 minutes (Oct 03)
85012	Concussion w/ brief coma 31-59 minutes (Oct 03)
851	Cerebral laceration and contusion
852	Subarachnoid, subdural, and extradural hemorrhage, following injury
853	Other and unspecified intracranial hemorrhage following injury
854	Intracranial injury of other and unspecified nature
860	Traumatic pneumothorax
861	Injury to heart and lung
862	Injury to other and unspecified intrathoracic organs
863	Injury to gastrointestinal tract
864	Injury to liver
865	Injury to spleen
866	Injury to kidney
867	Injury to pelvic organs
868	Injury to other intra-abdominal organs
869	Internal injury to unspecified or ill-defined organs

ICD-9-CM Trauma diagnosis codes (includes 4th and 5th digits), New codes are listed through 5th digit (continued):

870	Open wound of ocular adnexa
871	Open wound of eyeball
872	Open wound of ear
873	Other open wound of head
874	Open wound of neck
875	Open wound of chest [wall]
876	Open wound of back
877	Open wound of buttock
878	Open wound of genital organs [external] including traumatic amputation
879	Open wound of other and unspecified sites, except limbs
880	Open wound of shoulder and upper arm
881	Open wound of elbow, forearm, and wrist
882	Open wound of hand except finger alone
884	Multiple and unspecified open wound of upper limb
887	Traumatic amputation of arm and hand (complete) (partial)
890	Open wound of hip and thigh
891	Open wound of knee, leg (except thigh) and ankle
892	Open wound of foot except toe alone
894	Multiple and unspecified open wound of lower limb
896	Traumatic amputation of foot (complete) (partial)
897	Traumatic amputation of leg[s] (complete) (partial)
900	Injury to blood vessels of head and neck
901	Injury to blood vessels of thorax
902	Injury to blood vessels of abdomen and pelvis
903	Injury to blood vessels of upper extremity
904	Injury to blood vessels of lower extremity and unspecified sites
925	Crushing injury of face, scalp, and neck
926	Crushing injury of trunk
927	Crushing injury of upper limb
928	Crushing injury of lower limb
929	Crushing injury of multiple and unspecified sites
940	Burn confined to eye and adnexa
941	Burn of face, head, and neck
942	Burn of trunk
943	Burn of upper limb, except wrist and hand
944	Burn of wrist[s] and hand[s]
945	Burn of lower limb[s]
946	Burns of multiple specified sites
947	Burn of internal organs
948	Burns classified according to extent of body surface involved
949	Burn, unspecified
952	Spinal chord injury w/o evidence of spinal bone injury
953	Injury to nerve roots and spinal plexus
958	Certain early complications of trauma

ICD-9-CM Syncope diagnosis codes:

7802	Syncope and collapse
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ICD-9-CM Stroke diagnosis codes:

430	Subarachnoid hemorrhage
431	Intracerebral hemorrhage
4320	Nontraumatic extradural hemorrhage
4321	Subdural hemorrhage
4329	Unspecified intracranial hemorrhage
436	Acute, but ill-defined cerebrovascular disease
99702	Postoperative cerebrovascular accident

Occlusion and stenosis of precerebral arteries:

43301	Basilar artery, w/ cerebral infarction
43311	Carotid artery, w/ cerebral infarction
43321	Vertebral artery - w/ cerebral infarction
43331	Multiple and bilateral w/ cerebral infarction
43381	Other specified precerebral artery w/ cerebral infarction
43391	Occlusion and stenosis of precerebral arteries, unspecified precerebral artery w/ cerebral infarction

Occlusion of cerebral arteries:

43401	Cerebral thrombosis – w/ cerebral infarction
43411	Cerebral embolism – w/ cerebral infarction
43491	Cerebral artery occlusion, unspecified - w/ cerebral infarction

ICD-9-CM Coma diagnosis codes:

25020	Diabetes w/ hyperosmolarity, type 2 [noninsulin dependent type][niddm type][adult-onset] or unspecified type, not stated as uncontrolled
25021	Diabetes w/ hyperosmolarity, type 1 [insulin dependent type][iddm-type] [juvenile type], not stated as uncontrolled
25022	Diabetes w/ hyperosmolarity, type 2
25023	Diabetes mellitus, diabetes w/ hyperosmolarity, type 1 [insulin dependent type] [iddm-type] [juvenile type] uncontrolled
25030	Diabetes w/ other coma, type 2 not stated as uncontrolled
25031	Diabetes w/ other coma, type 1 not stated as uncontrolled
25032	Diabetes mellitus, diabetes w/ other coma, type 2 uncontrolled
25033	Diabetes mellitus, diabetes w/ other coma, type 1 uncontrolled
2510	Other disorders of pancreatic internal secretion, hypoglycemic coma
5722	Liver abscess and sequelae of chronic liver disease, hepatic coma
78001	General symptoms, alteration of consciousness, coma
78003	General symptoms, alteration of consciousness persistent vegetative state

ICD-9-CM Cardiac Arrest diagnosis code:

4275	Cardiac arrest
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ICD-9-CM Poisoning diagnosis codes (includes 4th and 5th digits):

960	Poisoning by antibiotics
961	Poisoning by other anti-infectives
962	Poisoning by hormones and synthetic substitutes
963	Poisoning by primarily systemic agents
964	Poisoning by agents primarily affecting blood constituents
965	Poisoning by analgesics, antipyretics, and antirheumatics
966	Poisoning by anticonvulsants and anti-Parkinsonism drugs
967	Poisoning by sedatives and hypnotics
968	Poisoning by other central nervous system depressants and anesthetics
969	Poisoning by psychotropic agents
970	Poisoning by central nervous system stimulants
971	Poisoning by drugs primarily affecting the autonomic nervous system
972	Poisoning by agents primarily affecting the cardiovascular system
973	Poisoning by agents primarily affecting the gastrointestinal system
974	Poisoning by water, mineral, and uric acid metabolism drugs
975	Poisoning by agents primarily acting on the smooth and skeletal muscles and respiratory system
976	Poisoning by agents primarily affecting skin and mucous membrane, ophthalmological, otorhinolaryncological and dental drugs
977	Poisoning by other and unspecified drugs and medicinal substances
978	Poisoning by bacterial vaccines
979	Poisoning by other vaccines and biological substances
E850	Accidental poisoning by analgesics, antipyretics, and antirheumatics
E851	Accidental poisoning by barbiturates
E852	Accidental poisoning by other sedatives and hypnotics
E853	Accidental poisoning by tranquilizers
E854	Accidental poisoning by other psychotropic agents
E855	Accidental poisoning by other drugs acting on central and autonomic nervous system
E856	Accidental poisoning by antibiotics
E857	Accidental poisoning by other anti-infectives
E858	Accidental poisoning by other drugs
E860	Accidental poisoning by alcohol, nec
E861	Accidental poisoning by cleaning and polishing agents, disinfectants, paints, and varnishes
E862	Accidental poisoning by petroleum products, other solvents and their vapors, nec
E863	Accidental poisoning by agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers
E864	Accidental poisoning by corrosives and caustics, nec
E865	Accidental poisoning from poisonous foodstuffs and poisonous plants
E866	Accidental poisoning by other and unspecified solid and liquid substances
E867	Accidental poisoning by gas distributed by pipeline
E868	Accidental poisoning by other utility gas and other carbon monoxide
E869	Accidental poisoning by other gases and vapors
E951	Suicide and self-inflicted poisoning by gases in domestic use
E952	Suicide and self-inflicted poisoning by other gases and vapors
E962	Assault by poisoning
E980	Poisoning by solid or liquid substances, undetermined whether accidentally or purposely inflicted
E981	Poisoning by gases in domestic use, undetermined whether accidentally or purposely inflicted
E982	Poisoning by other gases, undetermined whether accidentally or purposely inflicted

ICD-9-CM Delirium and Other Psychoses diagnosis codes (includes 4th and 5th digits):

290	Senile and presenile organic psychotic conditions
291	Alcoholic psychoses
292	Drug psychoses
29285	Drug induced sleep disorders (Oct 05)
293	Transient organic psychotic conditions
294	Other organic psychotic conditions
295	Schizophrenic disorders
296	Affective psychoses
297	Paranoid states
298	Other nonorganic psychoses
299	Psychoses w/ origin specific to childhood

ICD-9-CM Anoxic Brain Injury diagnosis code:

3481	Anoxic brain damage
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C-9: ICD-9-CM codes for metastatic cancer, lymphoid malignancy or bone malignancy

ICD-9-CM Metastatic Cancer diagnosis codes (includes 4th and 5th digits):

196	Secondary and unspecified malignant neoplasm of lymph nodes
197	Secondary malignant neoplasm of respiratory and digestive systems
198	Secondary malignant neoplasm of other specified sites
1990	Malignant neoplasm w/o specification of site, disseminated

ICD-9-CM Lymphoid Malignancy diagnosis codes (includes 4th and 5th digits):

200	Lymphosarcoma and reticulosarcoma
201	Hodgkin's disease
202	Other malignant neoplasms of lymphoid and histiocytic tissue
203	Multiple myeloma and immunoproliferative neoplasms
204	Lymphoid leukemia
205	Myeloid leukemia
206	Monocytic leukemia
207	Other specified leukemia
208	Leukemia of unspecified cell type

ICD-9-CM Bone Malignancy diagnosis code (includes 4th and 5th digits):

170	Malignant neoplasm of bone and articular cartilage
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C-10: ICD-9-CM codes for infections

0010	Cholera d/t vib cholerae (Oct 05)	56213	Dvrtcli colon w hmrhg
0011	Cholera d/t vib el tor (Oct 05)	566	Anal & rectal abscess
0019	Cholera nos (Oct 05)	5670	Peritonitis in infec dis
0020	Typhoid fever (Oct 05)	5671	Pneumococcal peritonitis
0021	Paratyphoid fever a (Oct 05)	5672	Suppurat peritonitis nec
0022	Paratyphoid fever b (Oct 05)	56721	Peritonitis (acute) gen (Oct 05)
0023	Paratyphoid fever c (Oct 05)	56722	Peritoneal abscess (Oct 05)
0029	Paratyphoid fever nos (Oct 05)	56723	Spontan bact peritonitis (Oct 05)
0030	Salmonella enteritis (Oct 05)	56729	Suppurat peritonitis nec (Oct 05)
0031	Salmonella septicemia (Oct 05)	56731	Psoas muscle abscess (Oct 05)
00320	Local salmonella inf nos (Oct 05)	56738	Retroperiton abscess nec (Oct 05)
00321	Salmonella meningitis (Oct 05)	56739	Retroperiton infect nec (Oct 05)
00322	Salmonella pneumonia (Oct 05)	56781	Choleperitonitis (Oct 05)
00323	Salmonella arthritis (Oct 05)	56782	Sclerosing mesenteritis (Oct 05)
00324	Salmonella osteomyelitis (Oct 05)	56789	Peritonitis nec (Oct 05)
00329	Local salmonella inf nec (Oct 05)	5679	Peritonitis nos
0038	Salmonella infection nec (Oct 05)	5695	Intestinal abscess
0039	Salmonella infection nos (Oct 05)	56961	Colosty/enterost infectn
0040	Shigella dysenteriae (Oct 05)	5720	Abscess of liver
0041	Shigella flexneri (Oct 05)	5721	Portal pyemia
0042	Shigella boydii (Oct 05)	57400	Cholelith w ac cholecyst
0043	Shigella sonnei (Oct 05)	57401	Cholelith/ac gb inf-obst
0048	Shigella infection nec (Oct 05)	57430	Choledocholith/ac gb inf
0049	Shigellosis nos (Oct 05)	57431	Choledochlith/ac gb-obst
0050	Staph food poisoning (Oct 05)	57460	Gall&bil cal w/ac w/o ob
0051	Botulism (Oct 05)	57461	Gall&bil cal w/ac w obs
0052	Food pois d/t c. Perfrin (Oct 05)	57480	Gal&bil cal w/ac&chr w/o
0053	Food pois: clostrid nec (Oct 05)	57481	Gal&bil cal w/ac&ch w ob
0054	Food pois: v. Parahaem (Oct 05)	5750	Acute cholecystitis
00581	Food poisn d/t v. Vulnif (Oct 05)	57510	Cholecystitis unspec (Oct 05)
00589	Bact food poisoning nec (Oct 05)	57512	Ac&chron cholecystitis (Oct 05)
0059	Food poisoning nos (Oct 05)	5754	Perforation gallbladder
00800	Intest infec e coli nos (Oct 05)	5761	Cholangitis
00801	Int inf e coli entrpath (Oct 05)	5763	Perforation of bile duct
00802	Int inf e coli entrtoxgn (Oct 05)	5770	Acute pancreatitis (Oct 05)
00803	Int inf e coli entrnsvs (Oct 05)	59010	Ac pyelonephritis nos (Oct 05)
00804	Int inf e coli entrhmr (Oct 05)	59011	Ac pyelonephr w med necr (Oct 05)
00809	Int inf e coli spcf nec (Oct 05)	5902	Renal/perirenal abscess (Oct 05)
0081	Arizona enteritis (Oct 05)	5903	Pyeloureteritis cystica (Oct 05)
0082	Aerobacter enteritis (Oct 05)	59080	Pyelonephritis nos (Oct 05)
0083	Proteus enteritis (Oct 05)	59081	Pyelonephrit in oth dis (Oct 05)
00841	Staphylococc enteritis (Oct 05)	5909	Infection of kidney nos (Oct 05)
00842	Pseudomonas enteritis (Oct 05)	5950	Acute cystitis (Oct 05)
00843	Int infec campylobacter (Oct 05)	5954	Cystitis in oth dis (Oct 05)
00844	Int inf yrsnia entreltca (Oct 05)	59581	Cystitis cystica (Oct 05)
00845	Int inf clstridium dfcile (Oct 05)	59589	Cystitis nec (Oct 05)
00846	Intes infec oth anerobes (Oct 05)	5959	Cystitis nos (Oct 05)
00847	Int inf oth grm neg bctr (Oct 05)	5970	Urethral abscess (Oct 05)

C-10: ICD-9-CM codes for infections (continued)

00849	Bacterial enteritis nec (Oct 05)	59800	Urethr strict:infect nos (Oct 05)
0085	Bacterial enteritis nos (Oct 05)	59801	Ureth strict:oth infect (Oct 05)
0200	Bubonic plague (Oct 05)	5990	Urin tract infection nos (Oct 05)
0201	Cellulocutaneous plague (Oct 05)	6010	Acute prostatitis (Oct 05)
0202	Septicemic plague (Oct 05)	6012	Abscess of prostate (Oct 05)
0203	Primary pneumonic plague (Oct 05)	6013	Prostatocystitis (Oct 05)
0204	Secondary pneumon plague (Oct 05)	6014	Prostatitis in oth dis (Oct 05)
0205	Pneumonic plague nos (Oct 05)	6018	Prostatitis (Oct 05)
0208	Other types of plague (Oct 05)	6019	Prostatitis nos (Oct 05)
0209	Plague nos (Oct 05)	6031	Infected hydrocele (Oct 05)
0210	Ulceroglandul tularemia (Oct 05)	6040	Orchitis with abscess (Oct 05)
0211	Enteric tularemia (Oct 05)	60490	Orchitis/epididymit nos (Oct 05)
0212	Pulmonary tularemia (Oct 05)	60491	Orchitis in oth disease (Oct 05)
0213	Oculoglandular tularemia (Oct 05)	6071	Balanoposthitis (Oct 05)
0218	Tularemia nec (Oct 05)	6072	Inflam dis, penis nec (Oct 05)
0219	Tularemia nos (Oct 05)	6080	Seminal vesiculitis (Oct 05)
0220	Cutaneous anthrax (Oct 05)	6084	Male gen inflam dis nec (Oct 05)
0221	Pulmonary anthrax (Oct 05)	6110	Inflam disease of breast (Oct 05)
0222	Gastrointestinal anthrax (Oct 05)	6140	Ac salpingo-oophoritis (Oct 05)
0223	Anthrax septicemia (Oct 05)	6141	Chron salpingitis oophoritis (Oct
0228	Other anthrax manifest (Oct 05)	6142	Salpingo-oophoritis nos (Oct 05)
0229	Anthrax nos (Oct 05)	6143	Acute parametritis (Oct 05)
0230	Brucella melitensis (Oct 05)	6144	Chron or unsp cellulitis (Oct 05)
0231	Brucella abortus (Oct 05)	6145	Ac pelv peritonitis-fem (Oct 05)
0232	Brucella suis (Oct 05)	6149	Pid nos (Oct 05)
0233	Brucella canis (Oct 05)	6150	Ac uterine inflammation (Oct 05)
0238	Brucellosis nec (Oct 05)	6159	Uterine inflam dis nos (Oct 05)
0239	Brucellosis nos (Oct 05)	6160	Cervicitis (Oct 05)
024	Glanders (Oct 05)	61610	Vaginitis nos (Oct 05)
025	Melioidosis (Oct 05)	6163	Bartholin's gland abscess (Oct 05)
0260	Spirillary fever (Oct 05)	6164	Abscess of vulva nec (Oct 05)
0261	Streptobacillary fever (Oct 05)	63400	Spon abor w pel inf-unsp (Oct 05)
0269	Rat-bite fever nos (Oct 05)	63401	Spon abor w pelv inf-inc (Oct 05)
0270	Listeriosis (Oct 05)	63402	Spon abor w pel inf-comp (Oct 05)
0271	Erysipelothrix infection (Oct 05)	63500	Leg abor w pelv inf-unsp (Oct 05)
0272	Pasteurellosis (Oct 05)	63501	Leg abor w pelv inf-inc (Oct 05)
0278	Zoonotic bact dis nec (Oct 05)	63502	Leg abor w pelv inf-comp (Oct 05)
0279	Zoonotic bact dis nos (Oct 05)	63600	Illeg ab w pelv inf-unsp (Oct 05)
0320	Faucial diphtheria (Oct 05)	63601	Illeg ab w pelv inf-inc (Oct 05)
0321	Nasopharynx diphtheria (Oct 05)	63602	Illeg ab w pelv inf-comp (Oct 05)
0322	Ant nasal diphtheria (Oct 05)	63700	Abort nos w pel inf-unsp (Oct 05)
0323	Laryngeal diphtheria (Oct 05)	63701	Abort nos w pel inf-inc (Oct 05)
03281	Conjunctival diphtheria (Oct 05)	63702	Abort nos w pel inf-comp (Oct 05)
03282	Diphtheritic myocarditis (Oct 05)	6380	Attem abort w pelvic inf (Oct 05)
03283	Diphtheritic peritonitis (Oct 05)	6390	Postabortion gu infect (Oct 05)
03284	Diphtheritic cystitis (Oct 05)	64650	Bacteriuria preg-unspec (Oct 05)

C-10: ICD-9-CM codes for infections (continued)

03285	Cutaneous diphtheria (Oct 05)	64651	Asym bacteriuria-deliver (Oct 05)
03289	Diphtheria nec (Oct 05)	64652	Asy bacteruria-del w p/p (Oct 05)
0329	Diphtheria nos (Oct 05)	64653	Asy bacteriuria-ante part (Oct 05)
0330	Bordetella pertussis (Oct 05)	64654	Asy bacteriuria-postpart (Oct 05)
0331	Bordetella parapertussis (Oct 05)	64660	Gu infect in preg-unspec (Oct 05)
0338	Whooping cough nec (Oct 05)	64661	Gu infection-delivered (Oct 05)
0339	Whooping cough nos (Oct 05)	64662	Gu infection-deliv w p/p (Oct 05)
0340	Strep sore throat (Oct 05)	64663	Gu infection-ante partum (Oct 05)
0341	Scarlet fever (Oct 05)	64664	Gu infection-postpartum (Oct 05)
035	Erysipelas (Oct 05)	64710	Gonorrhea in preg-unspec (Oct 05)
0360	Meningococcal meningitis (Oct 05)	64711	Gonorrhea-delivered (Oct 05)
0361	Meningococcal encephalitis (Oct 05)	64712	Gonorrhea-deliver w p/p (Oct 05)
0362	Meningococemia (Oct 05)	64713	Gonorrhea-ante partum (Oct 05)
0363	Meningococcal adrenal synd (Oct 05)	64714	Gonorrhea-postpartum (Oct 05)
03640	Meningococcal carditis nos (Oct 05)	64780	Inf dis in preg nec-unsp (Oct 05)
03641	Meningococcal pericarditis (Oct 05)	64781	Infect dis nec-delivered (Oct 05)
03642	Meningococcal endocarditis (Oct 05)	64782	Infect dis nec-del w p/p (Oct 05)
03643	Meningococcal myocarditis (Oct 05)	64783	Infect dis nec-ante part (Oct 05)
03681	Meningococcal optic neuritis (Oct 05)	64784	Infect dis nec-postpart (Oct 05)
03682	Meningococcal arthropathy (Oct 05)	64790	Infect in preg nos-unsp (Oct 05)
03689	Meningococcal infect nec (Oct 05)	64791	Infect nos-delivered (Oct 05)
0369	Meningococcal infect nos (Oct 05)	64792	Infect nos-deliver w p/p (Oct 05)
037	Tetanus (Oct 05)	64793	Infect nos-ante partum (Oct 05)
0380	Streptococcal septicemia (Oct 05)	64794	Infect nos-postpartum (Oct 05)
03810	Staphylococcal septicemia nos (Oct 05)	65840	Amniotic infection-unsp (Oct 05)
03811	Staph aureus septicemia (Oct 05)	65841	Amniotic infection-deliv (Oct 05)
03819	Staphylococcal septicemia nec (Oct 05)	65843	Amniotic infect-ante part (Oct 05)
0382	Pneumococcal septicemia (Oct 05)	67000	Major puerp infect-unsp (Oct 05)
0383	Anaerobic septicemia (Oct 05)	67002	Major puerp inf-del p/p (Oct 05)
03840	Gram-neg septicemia nos (Oct 05)	67004	Major puerp inf-postpart (Oct 05)
03841	H. Influenae septicemia (Oct 05)	67500	Infect nipple preg-unsp (Oct 05)
03842	E coli septicemia (Oct 05)	67501	Infect nipple-delivered (Oct 05)
03843	Pseudomonas septicemia (Oct 05)	67502	Infect nipple-del w p/p (Oct 05)
03844	Serratia septicemia (Oct 05)	67503	Infect nipple-ante partum (Oct 05)
03849	Gram-neg septicemia nec (Oct 05)	67504	Infect nipple-postpartum (Oct 05)
0388	Septicemia nec (Oct 05)	67510	Breast abscess preg-unsp (Oct 05)
0389	Septicemia nos (Oct 05)	67511	Breast abscess-delivered (Oct 05)
0390	Cutaneous actinomycosis (Oct 05)	67512	Breast abscess-del w p/p (Oct 05)
0391	Pulmonary actinomycosis (Oct 05)	67513	Breast abscess-ante part (Oct 05)
0392	Abdominal actinomycosis (Oct 05)	67514	Breast abscess-postpart (Oct 05)
0393	Cervicofacial actinomycosis (Oct 05)	67580	Breast inf preg nec-unsp (Oct 05)
0394	Madura foot (Oct 05)	67581	Breast infect nec-deliv (Oct 05)
0398	Actinomycosis nec (Oct 05)	67582	Breast inf nec-del w p/p (Oct 05)
0399	Actinomycosis nos (Oct 05)	67583	Breast inf nec-ante part (Oct 05)
0400	Gas gangrene (Oct 05)	67584	Breast inf nec-postpart (Oct 05)
0401	Rhinoscleroma (Oct 05)	67590	Breast inf preg nos-unsp (Oct 05)
0402	Whipple's disease (Oct 05)	67591	Breast infect nos-deliv (Oct 05)

C-10: ICD-9-CM codes for infections (continued)

0403	Necrobacillosis (Oct 05)	67592	Breast inf nos-del w p/p (Oct 05)
04081	Tropical pyomyositis (Oct 05)	67593	Breast inf nos-antepart (Oct 05)
04082	Toxic shock syndrome (Oct 05)	67594	Breast inf nos-postpart (Oct 05)
04089	Bacterial diseases nec (Oct 05)	6800	Carbuncle of face (Oct 05)
04100	Streptococcus unspecf (Oct 05)	6801	Carbuncle of neck (Oct 05)
04101	Streptococcus group a (Oct 05)	6802	Carbuncle of trunk (Oct 05)
04102	Streptococcus group b (Oct 05)	6803	Carbuncle of arm (Oct 05)
04103	Streptococcus group c (Oct 05)	6804	Carbuncle of hand (Oct 05)
04104	Enterococcus group d (Oct 05)	6805	Carbuncle of buttock (Oct 05)
04105	Streptococcus group g (Oct 05)	6806	Carbuncle of leg (Oct 05)
04109	Other streptococcus (Oct 05)	6807	Carbuncle of foot (Oct 05)
04110	Staphylococcus unspcfied (Oct 05)	6808	Carbuncle, site nec (Oct 05)
04111	Staphylococcus aureus (Oct 05)	6809	Carbuncle nos (Oct 05)
04119	Other staphylococcus (Oct 05)	68100	Cellulitis, finger nos (Oct 05)
0412	Pneumococcus infect nos (Oct 05)	68101	Felon (Oct 05)
0413	Klebsiella infect nos (Oct 05)	68102	Onychia of finger (Oct 05)
0414	E. Coli infect nos (Oct 05)	68110	Cellulitis, toe nos (Oct 05)
0415	H. Influenzae infect nos (Oct 05)	68111	Onychia of toe (Oct 05)
0416	Proteus infection nos (Oct 05)	6819	Cellulitis of digit nos (Oct 05)
0417	Pseudomonas infect nos (Oct 05)	6820	Cellulitis of face (Oct 05)
04182	Bacteroides fragilis (Oct 05)	6821	Cellulitis of neck (Oct 05)
04183	Clostridium perfringens (Oct 05)	6822	Cellulitis of trunk (Oct 05)
04184	Other anaerobes (Oct 05)	6823	Cellulitis of arm (Oct 05)
04185	Oth gram negatv bacteria (Oct 05)	6824	Cellulitis of hand (Oct 05)
04186	Helicobacter pylori (Oct 05)	6825	Cellulitis of buttock (Oct 05)
04189	Oth specf bacteria (Oct 05)	6826	Cellulitis of leg (Oct 05)
0419	Bacterial infection nos (Oct 05)	6827	Cellulitis of foot (Oct 05)
0980	Acute gc infect lower gu (Oct 05)	6828	Cellulitis, site nec (Oct 05)
09810	Gc (acute) upper gu nos (Oct 05)	6829	Cellulitis, site nos (Oct 05)
09811	Gc cystitis (acute) (Oct 05)	683	Acute lymphadenitis (Oct 05)
09812	Gc prostatitis (acute) (Oct 05)	684	Impetigo (Oct 05)
09813	Gc orchitis (acute) (Oct 05)	68600	Pyoderma nos (Oct 05)
09814	Gc sem vesiculit (acute) (Oct 05)	68601	Pyoderma gangrenosum (Oct 05)
09815	Gc cervicitis (acute) (Oct 05)	68609	Pyoderma other (Oct 05)
09816	Gc endometritis (acute) (Oct 05)	6868	Local skin infection nec (Oct 05)
09817	Acute gc salpingitis (Oct 05)	6869	Local skin infection nos (Oct 05)
09819	Gc (acute) upper gu nec (Oct 05)	69581	Ritter's disease (Oct 05)
0982	Chr gc infect lower gu (Oct 05)	70700	Decubitus ulcer site nos (Oct 05)
09830	Chr gc upper gu nos (Oct 05)	70701	Decubitus ulcer,elbow (Oct 05)
09831	Gc cystitis, chronic (Oct 05)	70702	Decubitus ulcer,up back (Oct 05)
09832	Gc prostatitis, chronic (Oct 05)	70703	Decubitus ulcer,low back (Oct 05)
09833	Gc orchitis, chronic (Oct 05)	70704	Decubitus ulcer,hip (Oct 05)
09834	Gc sem vesiculitis, chr (Oct 05)	70705	Decubitus ulcer,buttock (Oct 05)
09835	Gc cervicitis, chronic (Oct 05)	70706	Decubitus ulcer,ankle (Oct 05)
09836	Gc endometritis, chronic (Oct 05)	70707	Decubitus ulcer,heel (Oct 05)
09837	Gc salpingitis (chronic) (Oct 05)	70709	Decubitus ulcer,site nec (Oct 05)

C-10: ICD-9-CM codes for infections (continued)

09839	Chr gc upper gu nec (Oct 05)	71100	Pyogen arthritis-unspec (Oct 05)
09840	Gonococcal conjunctivit (Oct 05)	71101	Pyogen arthritis-shlder (Oct 05)
09841	Gonococcal iridocyclitis (Oct 05)	71102	Pyogen arthritis-up/arm (Oct 05)
09842	Gonococcal endophthalmia (Oct 05)	71103	Pyogen arthritis-forearm (Oct 05)
09843	Gonococcal keratitis (Oct 05)	71104	Pyogen arthritis-hand (Oct 05)
09849	Gonococcal eye nec (Oct 05)	71105	Pyogen arthritis-pelvis (Oct 05)
09850	Gonococcal arthritis (Oct 05)	71106	Pyogen arthritis-l/leg (Oct 05)
09851	Gonococcal synovitis (Oct 05)	71107	Pyogen arthritis-ankle (Oct 05)
09852	Gonococcal bursitis (Oct 05)	71108	Pyogen arthritis nec (Oct 05)
09853	Gonococcal spondylitis (Oct 05)	71109	Pyogen arthritis-mult (Oct 05)
09859	Gc infect joint nec (Oct 05)	71190	Inf arthritis nos-unspec (Oct 05)
0986	Gonococcal infec pharynx (Oct 05)	71191	Inf arthritis nos-shlder (Oct 05)
0987	Gc infect anus & rectum (Oct 05)	71192	Inf arthritis nos-up/arm (Oct 05)
09881	Gonococcal keratosis (Oct 05)	71193	Inf arthrit nos-forearm (Oct 05)
09882	Gonococcal meningitis (Oct 05)	71194	Inf arthrit nos-hand (Oct 05)
09883	Gonococcal pericarditis (Oct 05)	71195	Inf arthrit nos-pelvis (Oct 05)
09884	Gonococcal endocarditis (Oct 05)	71196	Inf arthrit nos-l/leg (Oct 05)
09885	Gonococcal heart dis nec (Oct 05)	71197	Inf arthrit nos-ankle (Oct 05)
09886	Gonococcal peritonitis (Oct 05)	71198	Inf arthrit nos-oth site (Oct 05)
09889	Gonococcal inf site nec (Oct 05)	71199	Inf arthritis nos-mult (Oct 05)
3200	Hemophilus meningitis (Oct 05)	7280	Infective myositis (Oct 05)
3201	Pneumococcal meningitis (Oct 05)	72886	Necrotizing fasciitis (Oct 05)
3202	Streptococcal meningitis (Oct 05)	73000	Ac osteomyelitis-unspec (Oct 05)
3203	Staphylococc meningitis (Oct 05)	73001	Ac osteomyelitis-shlder (Oct 05)
3207	Mening in oth bact dis (Oct 05)	73002	Ac osteomyelitis-up/arm (Oct 05)
32081	Anaerobic meningitis (Oct 05)	73003	Ac osteomyelitis-forearm (Oct 05)
32082	Mningts gram-neg bct nec (Oct 05)	73004	Ac osteomyelitis-hand (Oct 05)
32089	Meningitis oth spcf bact (Oct 05)	73005	Ac osteomyelitis-pelvis (Oct 05)
3209	Bacterial meningitis nos (Oct 05)	73006	Ac osteomyelitis-l/leg (Oct 05)
3229	Meningitis nos (Oct 05)	73007	Ac osteomyelitis-ankle (Oct 05)
3240	Intracranial abscess (Oct 05)	73008	Ac osteomyelitis nec (Oct 05)
3241	Intraspinal abscess (Oct 05)	73009	Ac osteomyelitis-mult (Oct 05)
3249	Cns abscess nos (Oct 05)	73010	Chr osteomyelitis-unsp (Oct 05)
36000	Purulent endophthalm nos (Oct 05)	73011	Chr osteomyelit-shlder (Oct 05)
36001	Acute endophthalmitis (Oct 05)	73012	Chr osteomyelit-up/arm (Oct 05)
36002	Panophthalmitis (Oct 05)	73013	Chr osteomyelit-forearm (Oct 05)
36004	Vitreous abscess (Oct 05)	73014	Chr osteomyelit-hand (Oct 05)
37055	Corneal abscess (Oct 05)	73015	Chr osteomyelit-pelvis (Oct 05)
37200	Acute conjunctivitis nos (Oct 05)	73016	Chr osteomyelit-l/leg (Oct 05)
37203	Mucopur conjunctivit nec (Oct 05)	73017	Chr osteomyelit-ankle (Oct 05)
37204	Pseudomemb conjunctivit (Oct 05)	73018	Chr osteomyelit nec (Oct 05)
37220	Blepharoconjunctivit nos (Oct 05)	73019	Chr osteomyelit-mult (Oct 05)
37221	Angular blepharoconjunct (Oct 05)	73020	Osteomyelitis nos-unspec (Oct 05)
37230	Conjunctivitis nos (Oct 05)	73021	Osteomyelitis nos-shlder (Oct 05)
37300	Blepharitis nos (Oct 05)	73022	Osteomyelitis nos-up/arm (Oct 05)
37301	Ulcerative blepharitis (Oct 05)	73023	Osteomyelit nos-forearm (Oct 05)
37311	Hordeolum externum (Oct 05)	73024	Osteomyelitis nos-hand (Oct 05)

C-10: ICD-9-CM codes for infections (continued)

37312	Hordeolum internum (Oct 05)	73025	Osteomyelitis nos-pelvis (Oct 05)
37313	Abscess of eyelid (Oct 05)	73026	Osteomyelitis nos-l/leg (Oct 05)
37500	Dacryoadenitis nos (Oct 05)	73027	Osteomyelitis nos-ankle (Oct 05)
37501	Acute dacryoadenitis (Oct 05)	73028	Osteomyelit nos-oth site (Oct 05)
37530	Dacryocystitis nos (Oct 05)	73029	Osteomyelitis nos-mult (Oct 05)
37531	Acute canaliculitis (Oct 05)	73030	Periostitis-unspec (Oct 05)
37532	Acute dacryocystitis (Oct 05)	73031	Periostitis-shlder (Oct 05)
37600	Acute inflam nos, orbit (Oct 05)	73032	Periostitis-up/arm (Oct 05)
37601	Orbital cellulitis (Oct 05)	73033	Periostitis-forearm (Oct 05)
37602	Orbital periostitis (Oct 05)	73034	Periostitis-hand (Oct 05)
37603	Orbital osteomyelitis (Oct 05)	73035	Periostitis-pelvis (Oct 05)
37604	Tenonitis (Oct 05)	73036	Periostitis-l/leg (Oct 05)
38010	Infec otitis externa nos (Oct 05)	73037	Periostitis-ankle (Oct 05)
38011	Acute infection of pinna (Oct 05)	73038	Periostitis nec (Oct 05)
38012	Acute swimmers' ear (Oct 05)	73039	Periostitis-mult (Oct 05)
38013	Ac infect extern ear nec (Oct 05)	73080	Bone infect nec-unspec (Oct 05)
38014	Malignant otitis externa (Oct 05)	73081	Bone infect nec-shlder (Oct 05)
38150	Eustachian salping nos (Oct 05)	73082	Bone infect nec-up/arm (Oct 05)
38151	Ac eustachian salping (Oct 05)	73083	Bone infect nec-forearm (Oct 05)
38200	Ac supp otitis media nos (Oct 05)	73084	Bone infect nec-hand (Oct 05)
38201	Ac supp om w drum rupt (Oct 05)	73085	Bone infect nec-pelvis (Oct 05)
38202	Ac supp om in oth dis (Oct 05)	73086	Bone infect nec-l/leg (Oct 05)
3821	Chr tubotymp supp otitis media (Oct 05)	73087	Bone infect nec-ankle (Oct 05)
3822	Chr atticoantral supp otitis media (Oct 05)	73088	Bone infect nec-oth site (Oct 05)
3823	Chr supp otitis media nos (Oct 05)	73089	Bone infect nec-mult (Oct 05)
3824	Suppur otitis media nos (Oct 05)	73090	Bone infec nos-unsp site (Oct 05)
3829	Otitis media nos (Oct 05)	73091	Bone infect nos-shlder (Oct 05)
38300	Ac mastoiditis w/o compl (Oct 05)	73092	Bone infect nos-up/arm (Oct 05)
38301	Subperi mastoid abscess (Oct 05)	73093	Bone infect nos-forearm (Oct 05)
38302	Ac mastoiditis-compl nec (Oct 05)	73094	Bone infect nos-hand (Oct 05)
38320	Petrositis nos (Oct 05)	73095	Bone infect nos-pelvis (Oct 05)
38321	Acute petrositis (Oct 05)	73096	Bone infect nos-l/leg (Oct 05)
38400	Acute myringitis nos (Oct 05)	73097	Bone infect nos-ankle (Oct 05)
38630	Labyrinthitis nos (Oct 05)	73098	Bone infect nos-oth site (Oct 05)
38631	Serous labyrinthitis (Oct 05)	73099	Bone infect nos-mult (Oct 05)
38632	Circumscri labyrinthitis (Oct 05)	7713	Tetanus neonatorum (Oct 05)
38633	Suppurativ labyrinthitis (Oct 05)	7714	Omphalitis of newborn (Oct 05)
4200	Ac pericardit in oth dis (Oct 05)	7715	Neonatal infec mastitis (Oct 05)
42090	Acute pericarditis nos (Oct 05)	77181	Nb septicemia sepsis (Oct 05)
42099	Acute pericarditis nec (Oct 05)	77182	Nb urinary tract infectn (Oct 05)
4210	Ac/subac bact endocard (Oct 05)	77183	Bacteremia of newborn (Oct 05)
4211	Ac/subac infect endocard (Oct 05)	77189	Perinatal infection nec (Oct 05)
4219	Ac/subac endocardit nos (Oct 05)	7775	Necrot enterocolitis nb (Oct 05)
42292	Septic myocarditis (Oct 05)	7854	Gangrene (Oct 05)
4610	Ac maxillary sinusitis (Oct 05)	78552	Septic shock (Oct 05)
4611	Ac frontal sinusitis (Oct 05)	7907	Bacteremia (Oct 05)
4612	Ac ethmoidal sinusitis (Oct 05)	9101	Abrasion head-infected (Oct 05)

C-10: ICD-9-CM codes for infections (continued)

4613	Ac sphenoidal sinusitis (Oct 05)	9103	Blister head-infected (Oct 05)
4618	Other acute sinusitis (Oct 05)	9105	Insect bite head-infect (Oct 05)
4619	Acute sinusitis nos (Oct 05)	9107	Foreign body head-infect (Oct 05)
462	Acute pharyngitis (Oct 05)	9109	Superf inj head nec-inf (Oct 05)
463	Acute tonsillitis (Oct 05)	9111	Abrasion trunk-infected (Oct 05)
46430	Ac epiglottitis no obstr (Oct 05)	9113	Blister trunk-infected (Oct 05)
46431	Ac epiglottitis w obstr (Oct 05)	9115	Insect bite trunk-infec (Oct 05)
4660	Acute bronchitis (Oct 05)	9117	Foreign body trunk-infec (Oct 05)
475	Peritonsillar abscess (Oct 05)	9119	Superf inj trnk nec-inf (Oct 05)
47822	Parapharyngeal abscess (Oct 05)	9121	Abrasion shldr/arm-infec (Oct 05)
47824	Retropharyngeal abscess (Oct 05)	9123	Blister shoulder/arm-inf (Oct 05)
481	Pneumococcal pneumonia (Oct 05)	9125	Insect bite shld/arm-inf (Oct 05)
4820	K. Pneumoniae pneumonia (Oct 05)	9127	Fb shoulder/arm-infect (Oct 05)
4821	Pseudomonal pneumonia (Oct 05)	9129	Superf inj shldr nec-inf (Oct 05)
4822	H.influenzae pneumonia (Oct 05)	9131	Abrasion forearm-infect (Oct 05)
48230	Streptococcal pneumn nos (Oct 05)	9133	Blister forearm-infected (Oct 05)
48231	Pneumonia strptococcus a (Oct 05)	9135	Insect bite forearm-inf (Oct 05)
48232	Pneumonia strptococcus b (Oct 05)	9137	Foreign body forearm-inf (Oct 05)
48239	Pneumonia oth strep (Oct 05)	9139	Suprf inj forarm nec-inf (Oct 05)
48240	Staphylococcal pneu nos (Oct 05)	9141	Abrasion hand-infected (Oct 05)
48241	Staph aureus pneumonia (Oct 05)	9143	Blister hand-infected (Oct 05)
48249	Staph pneumonia nec (Oct 05)	9145	Insect bite hand-infect (Oct 05)
48281	Pneumonia anaerobes (Oct 05)	9147	Foreign body hand-infect (Oct 05)
48282	Pneumonia e coli (Oct 05)	9149	Superf inj hand nec-inf (Oct 05)
48283	Pneumo oth grm-neg bact (Oct 05)	9151	Abrasion finger-infected (Oct 05)
48284	Legionnaires' disease (Oct 05)	9153	Blister finger-infected (Oct 05)
48289	Pneumonia oth spcf bact (Oct 05)	9155	Insect bite finger-infec (Oct 05)
4829	Bacterial pneumonia nos (Oct 05)	9157	Foreign body finger-inf (Oct 05)
4843	Pneumonia in whooping cough (Oct	9159	Suprf inj finger nec-inf (Oct 05)
4845	Pneumonia in anthrax (Oct 05)	9161	Abrasion hip/leg-infect (Oct 05)
4848	Pneumonia in other inf dis (Oct 05)	9163	Blister hip & leg-infect (Oct 05)
485	Bronchopneumonia org nos (Oct	9165	Insect bite hip/leg-inf (Oct 05)
486	Pneumonia, organism nos (Oct 05)	9167	Foreign bdy hip/leg-inf (Oct 05)
490	Bronchitis nos (Oct 05)	9169	Superf inj leg nec-infec (Oct 05)
49122	Obs chr bronc w ac bronc (Oct 05)	9171	Abrasion foot/toe-infec (Oct 05)
4941	Bronchiectasis w ac exac (Oct 05)	9173	Blister foot & toe-infec (Oct 05)
5100	Empyema with fistula (Oct 05)	9175	Insect bite foot/toe-inf (Oct 05)
5109	Empyema w/o fistula (Oct 05)	9177	Foreign bdy foot/toe-inf (Oct 05)
5111	Bact pleur/effus not tb (Oct 05)	9179	Superf inj foot nec-inf (Oct 05)
5130	Abscess of lung (Oct 05)	9191	Abrasion nec-infected (Oct 05)
5131	Abscess of mediastinum (Oct 05)	9193	Blister nec-infected (Oct 05)
51901	Tracheostomy infection (Oct 05)	9195	Insect bite nec-infected (Oct 05)
5192	Mediastinitis (Oct 05)	9197	Superficial fb nec-infec (Oct 05)
5220	Pulpitis (Oct 05)	9199	Superfic inj nec-infect (Oct 05)
5225	Periapical abscess (Oct 05)	99590	Sirs, nos (Oct 05)
5227	Periapical absc w sinus (Oct 05)	99591	Sirs-infect w/o org dysf (Oct 05)
5230	Acute gingivitis (Oct 05)	99592	Sirs-infect w organ dysf (Oct 05)

C-10: ICD-9-CM codes for infections (continued)

5233	Acute periodontitis (Oct 05)	99660	Infect inflamm device implant graft nos (Oct 05)
5264	Inflammation of jaw (Oct 05)	99661	Infect inflamm cardiac device implant graft (Oct 05)
5273	Salivary gland abscess (Oct 05)	99662	Infect inflamm vascular device implant graft (Oct 05)
5283	Cellulitis/abscess mouth (Oct 05)	99663	Infect inflamm nerv device implant graft (Oct 05)
53641	Gastrostomy infection (Oct 05)	99664	Infect inflamm urinary cath (Oct 05)
5400	Ac append w peritonitis	99665	Infect inflamm gu device implant graft (Oct 05)
5401	Abscess of appendix	99666	Infect inflamm joint prosth (Oct 05)
5409	Acute appendicitis nos	99667	Infect inflamm oth orthop device implant graft nos (Oct 05)
541	Appendicitis nos	99669	Infect inflamm oth device implant graft (Oct 05)
542	Other appendicitis	99762	Infection amputat stump (Oct 05)
56201	Dvrteli sml int w/o hmrg	99851	Infected postop seroma (Oct 05)
56203	Dvrteli sml int w hmrg	99859	Other postop infection (Oct 05)
56211	Dvrteli colon w/o hmrg	9993	Infec compl med care nec (Oct 05)

C-11: ICD-9-CM subdural or cerebral haemorrhage diagnosis codes

7670	Subdural and cerebral hemorrhage (due to trauma or to intrapartum anoxia or hypoxia)
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C-12: ICD-9-CM Preterm Infant diagnosis codes

76501	Extreme immaturity, less than 500 grams
76502	Extreme immaturity, 500 – 749 grams
76503	Extreme immaturity, 750 – 999 grams
76504	Extreme immaturity, 1000 – 1249 grams
76505	Extreme immaturity, 1250 – 1499 grams
76506	Extreme immaturity, 1500 – 1749 grams
76507	Extreme immaturity, 1750 – 1999 grams
76508	Extreme immaturity, 2000 – 2499 grams
76511	Other preterm infants, less than 500 grams
76512	Other preterm infants, 500 – 749 grams
76513	Other preterm infants, 750 – 999 grams
76514	Other preterm infants, 1000 – 1249 grams
76515	Other preterm infants, 1250 – 1499 grams
76516	Other preterm infants, 1500 – 1749 grams
76517	Other preterm infants, 1750 – 1999 grams
76518	Other preterm infants, 2000 – 2499 grams
76521	Less than 24 completed weeks of gestation
76522	24 completed weeks of gestation
76523	25-26 completed weeks of gestation
76524	27-28 completed weeks of gestation
76525	29-30 completed weeks of gestation
76526	31-32 completed weeks of gestation
76527	33-34 completed weeks of gestation

C-13: ICD-9-CM injury to skeleton diagnosis codes

7673	Injuries to skeleton (excludes clavicle)
7674	Injury to spine and spinal cord

C-14: ICD-9-CM osteogenesis imperfecta diagnosis codes

75651	Osteogenesis imperfecta
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C-15: ICD-9-CM Newborn in Hospital Live Birth Codes

V3000	Single lb in-hosp w/o cs (Oct 05)
V3401	Oth mult lb-in hosp w cs
V3001	Single lb in-hosp w cs (Oct 05)
V3500	Oth mult sb-hosp w/o cs
V3100	Twin-mate lb-hosp w/o cs (Oct 05)
V3501	Oth mult sb-in hosp w cs
V3101	Twin-mate lb-in hos w cs (Oct 05)
V3600	Mult lb/sb-in hos w/o cs
V3200	Twin-mate sb-hosp w/o cs (Oct 05)
V3601	Mult lb/sb-in hosp w cs
V3201	Twin-mate sb-hosp w cs (Oct 05)
V3700	Mult brth nos-hos w/o cs
V3300	Twin-nos-in hosp w/o cs (Oct 05)
V3701	Mult birth nos-hospwcs
V3301	Twin-nos-in hosp w cs (Oct 05)
V3900	Liveborn nos-hosp w/o cs
V3400	Oth mult lb-hosp w/o cs (Oct 05)
V3901	Liveborn nos-hosp w cs

C-16: Newborn out of Hospital codes:

V301	Singl livebrn-before adm (Oct 05)
V342	Oth multiple nb-nonhosp
V302	Single liveborn-nonhosp (Oct 05)
V351	Oth mult sb-before adm
V311	Twin, mate lb-before adm (Oct 05)
V352	Oth multiple sb-nonhosp
V312	Twin, mate lb-nonhosp (Oct 05)
V361	Mult nb/sb-before adm
V321	Twin, mate sb-before adm (Oct 05)
V362	Multiple nb/sb-nonhosp
V322	Twin, mate sb-nonhosp (Oct 05)
V371	Mult brth nos-before adm
V331	Twin nos-before admissn (Oct 05)
V372	Mult birth nos-nonhosp
V332	Twin nos-nonhosp (Oct 05)
V391	Liveborn nos-before adm
V341	Oth mult nb-before adm (Oct 05)
V392	Liveborn nos-nonhosp

C-17: ICD-10-WHO chest trauma or pleural effusion codes

80700	Fracture rib nos-closed	9011	Inj innomin/subclav art
80701	Fracture one rib-closed	9012	Inj superior vena cava
80702	Fracture two ribs-closed	9013	Inj innomin/subclav vein
80703	Fracture three ribs-clos	90140	Inj pulmonary vessel nos
80704	Fracture four ribs-close	90141	Injury pulmonary artery
80705	Fracture five ribs-close	90142	Injury pulmonary vein
80706	Fracture six ribs-closed	90181	Inj intercostal art/vein
80707	Fracture seven ribs-clos	90182	Inj int mammary art/vein
80708	Fx eight/more rib-closed	90183	Inj mult thoracic vessel
80709	Fx mult ribs nos-closed	90189	Inj thoracic vessel nec
80710	Fracture rib nos-open	9019	Inj thoracic vessel nos
80711	Fracture one rib-open	9110	Abrasion trunk
80712	Fracture two ribs-open	9111	Abrasion trunk-infected
80713	Fracture three ribs-open	9118	Superfic inju trunk nec
80714	Fracture four ribs-open	9119	Superfic inju trunk nec-inf
80715	Fracture five ribs-open	9220	Contusion of breast
80716	Fracture six ribs-open	9221	Contusion of chest wall
80717	Fracture seven ribs-open	9223	Back contusion
80718	Fx eight/more ribs-open	92231	Back contusion
80719	Fx mult ribs nos-open	92233	Interscplr reg contusion
8072	Fracture of sternum-clos	9228	Muliple contusion trunk
8073	Fracture of sternum-open	9229	Contusion of trunk
8074	Flail chest	92611	Crushing injury back
8075	Fx larynx/trachea-closed	92619	Crushing inj trunk nec
8076	Fx larynx/trachea-open	9268	Mult crushing inj trunk
8090	Fracture trunk bone-clos	9269	Crushing inj trunk nos
8091	Fracture trunk bone-open	9290	Crush inj mult site nec
8600	Traum pneumothorax-close	9299	Crushing injury nos
8601	Traum pneumothorax-open	9541	Inj sympa nerve nec
8602	Traum hemothorax-closed	9548	Injury trunk nerve nec
8603	Traum hemothorax-open	9549	Injury trunk nerve nos
8604	Traum pneumohemothor-cl	95911	Injury of chest wall nec
8605	Traum pneumohemothor-opn	95919	Trunk injury-sites nec
86100	Heart injury nos-closed	9599	Injury-site nos
86101	Heart contusion-closed	0101	Tuberculous pleurisy in primary progressive tuberculosis
86102	Heart laceration-closed	01010	Tuberculous pleurisy in primary progressive tuberculosis, unspecified
86103	Heart chamber lacerat-cl	01011	Tpippt, bacterial or histological exam not done
86110	Heart injury nos-open	01012	Tpippt, bacterial or histological exam unknown
86111	Heart contusion-open	01013	Tpippt, tubercle bacili found by microscopy
86112	Heart laceration-open	01014	Tpippt, tubercle bacili not found by microscopy but by bacterial culture
86113	Heart chamber lacer-opn	01015	Tpippt, tubercle bacili not found by bacteriological but confirmed histologically

C-17: ICD-10-WHO chest trauma or pleural effusion codes (continued)

86120	Lung injury nos-closed	01016	Tpippt, tubercle bacili not found by bacteriological or histological but confirmed other methods
86121	Lung contusion-closed	0117	Tuberculous pneumothorax
86122	Lung laceration-closed	01170	Tuberculous pneumothorax, unspecified
86130	Lung injury nos-open	01171	Tpneu, bacterial or histological exam not done
86131	Lung contusion-open	01172	Tpneu, bacterial or histological exam unknown
86132	Lung laceration-open	01173	Tpneu, tubercle bacili found by microscopy
8620	Diaphragm injury-closed	01174	Tpneu, tubercle bacili not found by microscopy but by bacterial culture
8621	Diaphragm injury-open	01175	Tpneu, tubercle bacili not found by bacteriological but confirmed histologically
86221	Bronchus injury-closed	01176	Tpneu, tubercle bacili not found by bacteriological or histological but confirmed other methods
86222	Esophagus injury-closed	0120	Tuberculous pleurisy
86229	Intrathoracic inj nec-cl	01200	Tuberculous pleurisy, unspecified
86231	Bronchus injury-open	01201	Tp, bacterial or histological exam not done
86232	Esophagus injury-open	01202	Tp, bacterial or histological exam unknown
86239	Intrathorac inj nec-open	01203	Tp, tubercle bacili found by microscopy
8628	Intrathoracic inj nos-cl	01204	Tp, tubercle bacili not found by microscopy but by bacterial culture
8629	Intrathorac inj nos-open	01205	Tp, tubercle bacili not found by bacteriological but confirmed histologically
8750	Open wound of chest	01206	Tp, tubercle bacili not found by bacteriological or histological but confirmed other methods
8751	Open wound chest-compl	1972	Second malig neo pleura
8760	Open wound of back	5111	With efusion, with mention of a bacterial cause other than tuberculosis
8761	Open wound back-compl	5118	Other specified form of effusion, except tuberculous
9010	Injury thoracic aorta	5119	Unspecified pleural effusion

C-18: ICD-9-CM Neuromuscular Disorder codes:

3570	Ac infect polyneuritis
35800	Myasthna grvs w/o ac exac
35801	Myasthna gravs w ac exac
3581	Myasthenia in oth dis
3582	Toxic myoneural disorder
3588	Myoneural disorders nec
3589	Myoneural disorders nos
3590	Cong hered musc dystrophy
3591	Hered prog musc dystrophy
3592	Myotonic disorders
3593	Famil periodic paralysis
3594	Toxic myopathy
3595	Myopathy in endocrin dis
3596	Infl myopathy in oth dis
35981	Critical illness myopathy
35989	Myopathies nec
3599	Myopathy nos

Code List W: ICD-10-WHO codes for denominator calculation (refer to codes below)

App No.	Code List	Indicator	Function
W-1	ICD-10-WHO immunocompromised state codes	Infection due to medical care postoperative sepsis	Denominator exclusion, if principal diagnosis or secondary diagnosis
W-2	ICD-10-WHO cancer codes	Infection due to medical care Postoperative sepsis	Denominator exclusion, if principal diagnosis or secondary diagnosis
W-3	ICD-10-WHO hemiplegia codes	Decubitus ulcer	Denominator exclusion, if principal diagnosis or secondary diagnosis
W-4	ICD-10-WHO spina bifida or anoxic brain damage codes	Decubitus ulcer	Denominator exclusion, if principal diagnosis or secondary diagnosis
W-5	Self-Inflicted Injury Diagnosis ICD-10-WHO Codes	Complications of anaesthesia Postoperative hip fracture	Complications of Anaesthesia: denominator exclusion, if coded together with drug dependence and active nondependent abuse of drugs (w-7) Hip fracture: denominator exclusion, if principal diagnosis or secondary diagnosis
W-6	Poisoning due to anaesthetics ICD-10-WHO Codes	Complications of anaesthesia	Denominator exclusion, if coded together with drug dependence and active nondependent abuse of drugs (w-7)

Code List W: ICD-10-WHO codes for denominator calculation (refer to codes below) (continued)

App No.	Code List	Indicator	Function
W-7	ICD-10-WHO codes for Drug dependence and active nondependent abuse of drugs	Complications of anaesthesia	Denominator exclusion, if coded together with self-inflicted injury diagnosis (w-5) or poisoning due to anaesthetics ICD-10-who codes (w-6)
W-8	ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury	Postoperative hip fracture	Denominator exclusion, if principal diagnosis
W-9	ICD-10-WHO codes for metastatic cancer, lymphoid malignancy or bone malignancy	Postoperative hip fracture	Denominator exclusion, if principal diagnosis or secondary diagnosis
W-10	ICD-10-WHO codes for infections	Postoperative sepsis	Denominator exclusion, if principal diagnosis
W-11	ICD-10-WHO subdural or cerebral haemorrhage diagnosis codes	Injury to neonate	Denominator exclusion, if coded together with preterm infant diagnosis codes (w-12)
W-12	ICD-10-WHO Preterm Infant diagnosis codes	Injury to neonate	Denominator exclusion, if coded together with subdural or cerebral haemorrhage diagnosis codes (w-11)
W-13	ICD-10-WHO injury to skeleton diagnosis codes	Injury to neonate	Denominator exclusion, if coded together with osteogenesis imperfecta diagnosis codes (w-14)
W-14	ICD-10-WHO osteogenesis imperfecta diagnosis codes	Injury to neonate	Denominator exclusion, if coded together with injury to skeleton diagnosis codes (w-13)
W-15	ICD-10-WHO Newborn in Hospital Live Birth Codes	Injury to neonate	Denominator inclusion
W-16	ICD-10-WHO Newborn out of Hospital Codes	Injury to neonate	Denominator exclusion
W-17	ICD-10-WHO chest trauma or pleural effusion codes	Iatrogenic pneumothorax	Denominator exclusion
W-18	ICD-10-WHO neuromuscular disorder codes	Postoperative respiratory failure	Denominator exclusion

W-1: ICD-10-WHO immunocompromised state codes: Infection Due to Medical Care Postoperative Sepsis - Denominator exclusion, if principal diagnosis or secondary diagnosis

B20.0	HIV disease resulting in mycobacterial infection
B20.1	HIV disease resulting in other bacterial infections
B20.2	HIV disease resulting in cytomegaloviral disease
B20.3	HIV disease resulting in other viral infections
B20.4	HIV disease resulting in candidiasis
B20.5	HIV disease resulting in other mycoses
B20.6	HIV disease resulting in Pneumocystis carinii pneumonia
B20.7	HIV disease resulting in multiple infections
B20.8	HIV disease resulting in other infectious and parasitic diseases
B20.9	HIV disease resulting in unspecified infectious or parasitic disease
B21.0	HIV disease resulting in Kaposi's sarcoma
B21.1	HIV disease resulting in Burkitt's lymphoma
B21.2	HIV disease resulting in other types of non-Hodgkin's lymphoma
B21.3	HIV disease resulting in other malignant neoplasms of lymphoid, haematopoietic and related tissue
B21.7	HIV disease resulting in multiple malignant neoplasms
B21.8	HIV disease resulting in other malignant neoplasms
B21.9	HIV disease resulting in unspecified malignant neoplasm
B22.0	HIV disease resulting in encephalopathy
B22.1	HIV disease resulting in lymphoid interstitial pneumonitis
B22.2	HIV disease resulting in wasting syndrome
B22.7	HIV disease resulting in multiple diseases classified elsewhere
B23.1	HIV disease resulting in (persistent) generalized lymphadenopathy
B23.2	HIV disease resulting in haematological and immunological abnormalities, not elsewhere classified
B23.8	HIV disease resulting in other specified conditions
B24	Unspecified human immunodeficiency virus [HIV] disease
B59	Pneumocystosis
D47.1	Chronic myeloproliferative disease
D70	Agranulocytosis
D71	Functional disorders of polymorphonuclear neutrophils
D72.0	Genetic anomalies of leukocytes
D80.0	Hereditary hypogammaglobulinaemia
D80.1	Nonfamilial hypogammaglobulinaemia
D80.2	Selective deficiency of immunoglobulin A [IgA]
D80.3	Selective deficiency of immunoglobulin G [IgG] subclasses
D80.4	Selective deficiency of immunoglobulin M [IgM]
D80.5	Immunodeficiency with increased immunoglobulin M [IgM]
D80.6	Antibody deficiency with near-normal immunoglobulins or with hyperimmunoglobulinaemia
D80.7	Transient hypogammaglobulinaemia of infancy
D80.8	Other immunodeficiencies with predominantly antibody defects
D80.9	Immunodeficiency with predominantly antibody defects, unspecified

W-1: ICD-10-WHO immunocompromised state codes: Infection Due to Medical Care Postoperative Sepsis - Denominator exclusion, if principal diagnosis or secondary diagnosis (continued)

D81.0	Severe combined immunodeficiency [SCID] with reticular dysgenesis
D81.1	Severe combined immunodeficiency [SCID] with low T- and B-cell numbers
D81.2	Severe combined immunodeficiency [SCID] with low or normal B-cell numbers
D81.3	Adenosine deaminase [ADA] deficiency
D81.4	Nezelof's syndrome
D81.5	Purine nucleoside phosphorylase [PNP] deficiency
D81.6	Major histocompatibility complex class I deficiency
D81.7	Major histocompatibility complex class II deficiency
D81.8	Other combined immunodeficiencies
D81.9	Combined immunodeficiency, unspecified
D82.0	Wiskott-Aldrich syndrome
D82.1	Di George's syndrome
D82.2	Immunodeficiency with short-limbed stature
D82.3	Immunodeficiency following hereditary defective response to Epstein-Barr virus
D82.4	Hyperimmunoglobulin E [IgE] syndrome
D82.8	Immunodeficiency associated with other specified major defects
D82.9	Immunodeficiency associated with major defect, unspecified
D83.0	Common variable immunodeficiency with predominant abnormalities of B-cell numbers and function
D83.1	Common variable immunodeficiency with predominant immunoregulatory T-cell disorders
D83.2	Common variable immunodeficiency with autoantibodies to B- or T-cells
D83.8	Other common variable immunodeficiencies
D83.9	Common variable immunodeficiency, unspecified
D84.0	Lymphocyte function antigen-1 [LFA-1] defect
D84.1	Defects in the complement system
D84.8	Other specified immunodeficiencies
D84.9	Immunodeficiency, unspecified
D89.8	Other specified disorders involving the immune mechanism, not elsewhere classified
D89.9	Disorder involving the immune mechanism, unspecified
E40	Kwashiorkor
E41	Nutritional marasmus
E42	Marasmic kwashiorkor
E43	Unspecified severe protein-energy malnutrition
I12.0	Hypertensive renal disease with renal failure
I13.1	Hypertensive heart and renal disease with renal failure
I13.2	Hypertensive heart and renal disease with both (congestive) heart failure and renal failure
K91.2	Postsurgical malabsorption, not elsewhere classified
N18.0	End-stage renal disease
N18.8	Other chronic renal failure
T86.0	Bone-marrow transplant rejection

W-1: ICD-10-WHO immunocompromised state codes: Infection Due to Medical Care Postoperative Sepsis - Denominator exclusion, if principal diagnosis or secondary diagnosis (continued)

T86.1	Kidney transplant failure and rejection
T86.2	Heart transplant failure and rejection
T86.3	Heart-lung transplant failure and rejection
T86.4	Liver transplant failure and rejection
T86.8	Failure and rejection of other transplanted organs and tissues
T86.9	Failure and rejection of unspecified transplanted organ and tissue
Y83.0	Surgical Operation with transplant of whole organ or tissue
Z49.0	Preparatory care for dialysis
Z49.1	Extracorporeal dialysis
Z49.2	Other dialysis
Z94.0	Kidney transplant status
Z94.1	Heart transplant status
Z94.2	Lung transplant status
Z94.3	Heart and lungs transplant status
Z94.4	Liver transplant status
Z94.8	Other transplanted organ and tissue status
Z94.9	Transplanted organ and tissue status, unspecified

W-2 ICD-10-WHO cancer codes: Infection Due to Medical Care Postoperative Sepsis - Denominator exclusion, if principal diagnosis or secondary diagnosis

C00.0	Malignant neoplasm: External upper lip
C00.1	Malignant neoplasm: External lower lip
C00.2	Malignant neoplasm: External lip, unspecified
C00.3	Malignant neoplasm: Upper lip, inner aspect
C00.4	Malignant neoplasm: Lower lip, inner aspect
C00.5	Malignant neoplasm: Lip, unspecified, inner aspect
C00.6	Malignant neoplasm: Commissure of lip
C00.8	Malignant neoplasm: Overlapping lesion of lip
C00.9	Malignant neoplasm: Lip, unspecified
C01	Malignant neoplasm of base of tongue
C02.0	Malignant neoplasm: Dorsal surface of tongue
C02.1	Malignant neoplasm: Border of tongue
C02.2	Malignant neoplasm: Ventral surface of tongue
C02.3	Malignant neoplasm: Anterior two-thirds of tongue, part unspecified
C02.4	Malignant neoplasm: Lingual tonsil
C02.8	Malignant neoplasm: Overlapping lesion of tongue
C02.9	Malignant neoplasm: Tongue, unspecified
C03.0	Malignant neoplasm: Upper gum
C03.1	Malignant neoplasm: Lower gum
C03.9	Malignant neoplasm: Gum, unspecified
C04.0	Malignant neoplasm: Anterior floor of mouth
C04.1	Malignant neoplasm: Lateral floor of mouth

W-2 ICD-10-WHO cancer codes: Infection Due to Medical Care Postoperative Sepsis - Denominator exclusion, if principal diagnosis or secondary diagnosis (continued)

C04.8	Malignant neoplasm: Overlapping lesion of floor of mouth
C04.9	Malignant neoplasm: Floor of mouth, unspecified
C05.0	Malignant neoplasm: Hard palate
C05.1	Malignant neoplasm: Soft palate
C05.2	Malignant neoplasm: Uvula
C05.8	Malignant neoplasm: Overlapping lesion of palate
C05.9	Malignant neoplasm: Palate, unspecified
C06.0	Malignant neoplasm: Cheek mucosa
C06.1	Malignant neoplasm: Vestibule of mouth
C06.2	Malignant neoplasm: Retromolar area
C06.8	Malignant neoplasm: Overlapping lesion of other and unspecified parts of mouth
C06.9	Malignant neoplasm: Mouth, unspecified
C07	Malignant neoplasm of parotid gland
C08.0	Malignant neoplasm: Submandibular gland
C08.1	Malignant neoplasm: Sublingual gland
C08.8	Malignant neoplasm: Overlapping lesion of major salivary glands
C08.9	Malignant neoplasm: Major salivary gland, unspecified
C09.0	Malignant neoplasm: Tonsillar fossa
C09.1	Malignant neoplasm: Tonsillar pillar (anterior)(posterior)
C09.8	Malignant neoplasm: Overlapping lesion of tonsil
C09.9	Malignant neoplasm: Tonsil, unspecified
C10.0	Malignant neoplasm: Vallecula
C10.1	Malignant neoplasm: Anterior surface of epiglottis
C10.2	Malignant neoplasm: Lateral wall of oropharynx
C10.3	Malignant neoplasm: Posterior wall of oropharynx
C10.4	Malignant neoplasm: Branchial cleft
C10.8	Malignant neoplasm: Overlapping lesion of oropharynx
C10.9	Malignant neoplasm: Oropharynx, unspecified
C11.0	Malignant neoplasm: Superior wall of nasopharynx
C11.1	Malignant neoplasm: Posterior wall of nasopharynx
C11.2	Malignant neoplasm: Lateral wall of nasopharynx
C11.3	Malignant neoplasm: Anterior wall of nasopharynx
C11.8	Malignant neoplasm: Overlapping lesion of nasopharynx
C11.9	Malignant neoplasm: Nasopharynx, unspecified
C12	Malignant neoplasm of piriform sinus
C13.0	Malignant neoplasm: Postcricoid region
C13.1	Malignant neoplasm: Aryepiglottic fold, hypopharyngeal aspect
C13.2	Malignant neoplasm: Posterior wall of hypopharynx
C13.8	Malignant neoplasm: Overlapping lesion of hypopharynx
C13.9	Malignant neoplasm: Hypopharynx, unspecified
C14.0	Malignant neoplasm: Pharynx, unspecified
C14.2	Malignant neoplasm: Waldeyer's ring
C14.8	Malignant neoplasm: Overlapping lesion of lip, oral cavity and pharynx
C15.0	Malignant neoplasm: Cervical part of oesophagus

W-2 ICD-10-WHO cancer codes: Infection Due to Medical Care Postoperative Sepsis - Denominator exclusion, if principal diagnosis or secondary diagnosis (continued)

C15.1	Malignant neoplasm: Thoracic part of oesophagus
C15.2	Malignant neoplasm: Abdominal part of oesophagus
C15.3	Malignant neoplasm: Upper third of oesophagus
C15.4	Malignant neoplasm: Middle third of oesophagus
C15.5	Malignant neoplasm: Lower third of oesophagus
C15.8	Malignant neoplasm: Overlapping lesion of oesophagus
C15.9	Malignant neoplasm: Oesophagus, unspecified
C16.0	Malignant neoplasm: Cardia
C16.1	Malignant neoplasm: Fundus of stomach
C16.2	Malignant neoplasm: Body of stomach
C16.3	Malignant neoplasm: Pyloric antrum
C16.4	Malignant neoplasm: Pylorus
C16.5	Malignant neoplasm: Lesser curvature of stomach, unspecified
C16.6	Malignant neoplasm: Greater curvature of stomach, unspecified
C16.8	Malignant neoplasm: Overlapping lesion of stomach
C16.9	Malignant neoplasm: Stomach, unspecified
C17.0	Malignant neoplasm: Duodenum
C17.1	Malignant neoplasm: Jejunum
C17.2	Malignant neoplasm: Ileum
C17.3	Malignant neoplasm: Meckel's diverticulum
C17.8	Malignant neoplasm: Overlapping lesion of small intestine
C17.9	Malignant neoplasm: Small intestine, unspecified
C18.0	Malignant neoplasm: Caecum
C18.1	Malignant neoplasm: Appendix
C18.2	Malignant neoplasm: Ascending colon
C18.3	Malignant neoplasm: Hepatic flexure
C18.4	Malignant neoplasm: Transverse colon
C18.5	Malignant neoplasm: Splenic flexure
C18.6	Malignant neoplasm: Descending colon
C18.7	Malignant neoplasm: Sigmoid colon
C18.8	Malignant neoplasm: Overlapping lesion of colon
C18.9	Malignant neoplasm: Colon, unspecified
C19	Malignant neoplasm of rectosigmoid junction
C20	Malignant neoplasm of rectum
C21.0	Malignant neoplasm: Anus, unspecified
C21.1	Malignant neoplasm: Anal canal
C21.2	Malignant neoplasm: Cloacogenic zone
C21.8	Malignant neoplasm: Overlapping lesion of rectum, anus and anal canal
C22.0	Malignant neoplasm: Liver cell carcinoma
C22.1	Malignant neoplasm: Intrahepatic bile duct carcinoma
C22.2	Malignant neoplasm: Hepatoblastoma
C22.3	Malignant neoplasm: Angiosarcoma of liver
C22.4	Malignant neoplasm: Other sarcomas of liver
C22.7	Malignant neoplasm: Other specified carcinomas of liver
C22.9	Malignant neoplasm: Liver, unspecified

W-2 ICD-10-WHO cancer codes: Infection Due to Medical Care Postoperative Sepsis - Denominator exclusion, if principal diagnosis or secondary diagnosis (continued)

C23	Malignant neoplasm of gallbladder
C24.0	Malignant neoplasm: Extrahepatic bile duct
C24.1	Malignant neoplasm: Ampulla of Vater
C24.8	Malignant neoplasm: Overlapping lesion of biliary tract
C24.9	Malignant neoplasm: Biliary tract, unspecified
C25.0	Malignant neoplasm: Head of pancreas
C25.1	Malignant neoplasm: Body of pancreas
C25.2	Malignant neoplasm: Tail of pancreas
C25.3	Malignant neoplasm: Pancreatic duct
C25.4	Malignant neoplasm: Endocrine pancreas
C25.7	Malignant neoplasm: Other parts of pancreas
C25.8	Malignant neoplasm: Overlapping lesion of pancreas
C25.9	Malignant neoplasm: Pancreas, unspecified
C26.0	Malignant neoplasm: Intestinal tract, part unspecified
C26.1	Malignant neoplasm: Spleen
C26.8	Malignant neoplasm: Overlapping lesion of digestive system
C26.9	Malignant neoplasm: Ill-defined sites within the digestive system
C30.0	Malignant neoplasm: Nasal cavity
C30.1	Malignant neoplasm: Middle ear
C31.0	Malignant neoplasm: Maxillary sinus
C31.1	Malignant neoplasm: Ethmoidal sinus
C31.2	Malignant neoplasm: Frontal sinus
C31.3	Malignant neoplasm: Sphenoidal sinus
C31.8	Malignant neoplasm: Overlapping lesion of accessory sinuses
C31.9	Malignant neoplasm: Accessory sinus, unspecified
C32.0	Malignant neoplasm: Glottis
C32.1	Malignant neoplasm: Supraglottis
C32.2	Malignant neoplasm: Subglottis
C32.3	Malignant neoplasm: Laryngeal cartilage
C32.8	Malignant neoplasm: Overlapping lesion of larynx
C32.9	Malignant neoplasm: Larynx, unspecified
C33	Malignant neoplasm of trachea
C34.0	Malignant neoplasm: Main bronchus
C34.1	Malignant neoplasm: Upper lobe, bronchus or lung
C34.2	Malignant neoplasm: Middle lobe, bronchus or lung
C34.3	Malignant neoplasm: Lower lobe, bronchus or lung
C34.8	Malignant neoplasm: Overlapping lesion of bronchus and lung
C34.9	Malignant neoplasm: Bronchus or lung, unspecified
C37	Malignant neoplasm of thymus
C38.0	Malignant neoplasm: Heart
C38.1	Malignant neoplasm: Anterior mediastinum
C38.2	Malignant neoplasm: Posterior mediastinum
C38.3	Malignant neoplasm: Mediastinum, part unspecified
C38.4	Malignant neoplasm: Pleura
C38.8	Malignant neoplasm: Overlapping lesion of heart, mediastinum and pleura

W-2 ICD-10-WHO cancer codes: Infection Due to Medical Care Postoperative Sepsis - Denominator exclusion, if principal diagnosis or secondary diagnosis (continued)

C39.0	Malignant neoplasm: Upper respiratory tract, part unspecified
C39.8	Malignant neoplasm: Overlapping lesion of respiratory and intrathoracic organs
C39.9	Malignant neoplasm: Ill-defined sites within the respiratory system
C40.0	Malignant neoplasm: Scapula and long bones of upper limb
C40.1	Malignant neoplasm: Short bones of upper limb
C40.2	Malignant neoplasm: Long bones of lower limb
C40.3	Malignant neoplasm: Short bones of lower limb
C40.8	Malignant neoplasm: Overlapping lesion of bone and articular cartilage of limbs
C40.9	Malignant neoplasm: Bone and articular cartilage of limb, unspecified
C41.0	Malignant neoplasm: Bones of skull and face
C41.1	Malignant neoplasm: Mandible
C41.2	Malignant neoplasm: Vertebral column
C41.3	Malignant neoplasm: Ribs, sternum and clavicle
C41.4	Malignant neoplasm: Pelvic bones, sacrum and coccyx
C41.8	Malignant neoplasm: Overlapping lesion of bone and articular cartilage
C41.9	Malignant neoplasm: Bone and articular cartilage, unspecified
C43.0	Malignant neoplasm: Malignant melanoma of lip
C43.1	Malignant neoplasm: Malignant melanoma of eyelid, including canthus
C43.2	Malignant neoplasm: Malignant melanoma of ear and external auricular canal
C43.3	Malignant neoplasm: Malignant melanoma of other and unspecified parts of face
C43.4	Malignant neoplasm: Malignant melanoma of scalp and neck
C43.5	Malignant neoplasm: Malignant melanoma of trunk
C43.6	Malignant neoplasm: Malignant melanoma of upper limb, including shoulder
C43.7	Malignant neoplasm: Malignant melanoma of lower limb, including hip
C43.8	Malignant neoplasm: Overlapping malignant melanoma of skin
C43.9	Malignant neoplasm: Malignant melanoma of skin, unspecified
C45.0	Mesothelioma of pleura
C45.1	Mesothelioma of peritoneum
C45.2	Mesothelioma of pericardium
C45.7	Mesothelioma of other sites
C45.9	Mesothelioma, unspecified
C46.0	Kaposi's sarcoma of skin
C46.1	Kaposi's sarcoma of soft tissue
C46.2	Kaposi's sarcoma of palate
C46.3	Kaposi's sarcoma of lymph nodes
C46.7	Kaposi's sarcoma of other sites
C46.8	Kaposi's sarcoma of multiple organs
C46.9	Kaposi's sarcoma, unspecified
C47.0	Malignant neoplasm: Peripheral nerves of head, face and neck
C47.1	Malignant neoplasm: Peripheral nerves of upper limb, including shoulder
C47.2	Malignant neoplasm: Peripheral nerves of lower limb, including hip
C47.3	Malignant neoplasm: Peripheral nerves of thorax
C47.4	Malignant neoplasm: Peripheral nerves of abdomen
C47.5	Malignant neoplasm: Peripheral nerves of pelvis
C47.6	Malignant neoplasm: Peripheral nerves of trunk, unspecified

W-2 ICD-10-WHO cancer codes: Infection Due to Medical Care Postoperative Sepsis - Denominator exclusion, if principal diagnosis or secondary diagnosis (continued)

C47.8	Malignant neoplasm: Overlapping lesion of peripheral nerves and autonomic nervous system
C47.9	Malignant neoplasm: Peripheral nerves and autonomic nervous system, unspecified
C48.0	Malignant neoplasm: Retroperitoneum
C48.1	Malignant neoplasm: Specified parts of peritoneum
C48.2	Malignant neoplasm: Peritoneum, unspecified
C48.8	Malignant neoplasm: Overlapping lesion of retroperitoneum and peritoneum
C49.0	Malignant neoplasm: Connective and soft tissue of head, face and neck
C49.1	Malignant neoplasm: Connective and soft tissue of upper limb, including shoulder
C49.2	Malignant neoplasm: Connective and soft tissue of lower limb, including hip
C49.3	Malignant neoplasm: Connective and soft tissue of thorax
C49.4	Malignant neoplasm: Connective and soft tissue of abdomen
C49.5	Malignant neoplasm: Connective and soft tissue of pelvis
C49.6	Malignant neoplasm: Connective and soft tissue of trunk, unspecified
C49.8	Malignant neoplasm: Overlapping lesion of connective and soft tissue
C49.9	Malignant neoplasm: Connective and soft tissue, unspecified
C50.0	Malignant neoplasm: Nipple and areola
C50.1	Malignant neoplasm: Central portion of breast
C50.2	Malignant neoplasm: Upper-inner quadrant of breast
C50.3	Malignant neoplasm: Lower-inner quadrant of breast
C50.4	Malignant neoplasm: Upper-outer quadrant of breast
C50.5	Malignant neoplasm: Lower-outer quadrant of breast
C50.6	Malignant neoplasm: Axillary tail of breast
C50.8	Malignant neoplasm: Overlapping lesion of breast
C50.9	Malignant neoplasm: Breast, unspecified
C51.0	Malignant neoplasm: Labium majus
C51.1	Malignant neoplasm: Labium minus
C51.2	Malignant neoplasm: Clitoris
C51.8	Malignant neoplasm: Overlapping lesion of vulva
C51.9	Malignant neoplasm: Vulva, unspecified
C52	Malignant neoplasm of vagina
C53.0	Malignant neoplasm: Endocervix
C53.1	Malignant neoplasm: Exocervix
C53.8	Malignant neoplasm: Overlapping lesion of cervix uteri
C53.9	Malignant neoplasm: Cervix uteri, unspecified
C54.0	Malignant neoplasm: Isthmus uteri
C54.1	Malignant neoplasm: Endometrium
C54.2	Malignant neoplasm: Myometrium
C54.3	Malignant neoplasm: Fundus uteri
C54.8	Malignant neoplasm: Overlapping lesion of corpus uteri
C54.9	Malignant neoplasm: Corpus uteri, unspecified
C55	Malignant neoplasm of uterus, part unspecified
C56	Malignant neoplasm of ovary
C57.0	Malignant neoplasm: Fallopian tube
C57.1	Malignant neoplasm: Broad ligament

W-2 ICD-10-WHO cancer codes: Infection Due to Medical Care Postoperative Sepsis - Denominator exclusion, if principal diagnosis or secondary diagnosis (continued)

C57.2	Malignant neoplasm: Round ligament
C57.3	Malignant neoplasm: Parametrium
C57.4	Malignant neoplasm: Uterine adnexa, unspecified
C57.7	Malignant neoplasm: Other specified female genital organs
C57.8	Malignant neoplasm: Overlapping lesion of female genital organs
C57.9	Malignant neoplasm: Female genital organ, unspecified
C58	Malignant neoplasm of placenta
C60.0	Malignant neoplasm: Prepuce
C60.1	Malignant neoplasm: Glans penis
C60.2	Malignant neoplasm: Body of penis
C60.8	Malignant neoplasm: Overlapping lesion of penis
C60.9	Malignant neoplasm: Penis, unspecified
C61	Malignant neoplasm of prostate
C62.0	Malignant neoplasm: Undescended testis
C62.1	Malignant neoplasm: Descended testis
C62.9	Malignant neoplasm: Testis, unspecified
C63.0	Malignant neoplasm: Epididymis
C63.1	Malignant neoplasm: Spermatic cord
C63.2	Malignant neoplasm: Scrotum
C63.7	Malignant neoplasm: Other specified male genital organs
C63.8	Malignant neoplasm: Overlapping lesion of male genital organs
C63.9	Malignant neoplasm: Male genital organ, unspecified
C64	Malignant neoplasm of kidney, except renal pelvis
C65	Malignant neoplasm of renal pelvis
C66	Malignant neoplasm of ureter
C67.0	Malignant neoplasm: Trigone of bladder
C67.1	Malignant neoplasm: Dome of bladder
C67.2	Malignant neoplasm: Lateral wall of bladder
C67.3	Malignant neoplasm: Anterior wall of bladder
C67.4	Malignant neoplasm: Posterior wall of bladder
C67.5	Malignant neoplasm: Bladder neck
C67.6	Malignant neoplasm: Ureteric orifice
C67.7	Malignant neoplasm: Urachus
C67.8	Malignant neoplasm: Overlapping lesion of bladder
C67.9	Malignant neoplasm: Bladder, unspecified
C68.0	Malignant neoplasm: Urethra
C68.1	Malignant neoplasm: Paraurethral gland
C68.8	Malignant neoplasm: Overlapping lesion of urinary organs
C68.9	Malignant neoplasm: Urinary organ, unspecified
C69.0	Malignant neoplasm: Conjunctiva
C69.1	Malignant neoplasm: Cornea
C69.2	Malignant neoplasm: Retina
C69.3	Malignant neoplasm: Choroid
C69.4	Malignant neoplasm: Ciliary body
C69.5	Malignant neoplasm: Lacrimal gland and duct

W-2 ICD-10-WHO cancer codes: Infection Due to Medical Care Postoperative Sepsis - Denominator exclusion, if principal diagnosis or secondary diagnosis (continued)

C69.6	Malignant neoplasm: Orbit
C69.8	Malignant neoplasm: Overlapping lesion of eye and adnexa
C69.9	Malignant neoplasm: Eye, unspecified
C70.0	Malignant neoplasm: Cerebral meninges
C70.1	Malignant neoplasm: Spinal meninges
C70.9	Malignant neoplasm: Meninges, unspecified
C71.0	Malignant neoplasm: Cerebrum, except lobes and ventricles
C71.1	Malignant neoplasm: Frontal lobe
C71.2	Malignant neoplasm: Temporal lobe
C71.3	Malignant neoplasm: Parietal lobe
C71.4	Malignant neoplasm: Occipital lobe
C71.5	Malignant neoplasm: Cerebral ventricle
C71.6	Malignant neoplasm: Cerebellum
C71.7	Malignant neoplasm: Brain stem
C71.8	Malignant neoplasm: Overlapping lesion of brain
C71.9	Malignant neoplasm: Brain, unspecified
C72.0	Malignant neoplasm: Spinal cord
C72.1	Malignant neoplasm: Cauda equina
C72.2	Malignant neoplasm: Olfactory nerve
C72.3	Malignant neoplasm: Optic nerve
C72.4	Malignant neoplasm: Acoustic nerve
C72.5	Malignant neoplasm: Other and unspecified cranial nerves
C72.8	Malignant neoplasm: Overlapping lesion of brain and other parts of central nervous system
C72.9	Malignant neoplasm: Central nervous system, unspecified
C73	Malignant neoplasm of thyroid gland
C74.0	Malignant neoplasm: Cortex of adrenal gland
C74.1	Malignant neoplasm: Medulla of adrenal gland
C74.9	Malignant neoplasm: Adrenal gland, unspecified
C75.0	Malignant neoplasm: Parathyroid gland
C75.1	Malignant neoplasm: Pituitary gland
C75.2	Malignant neoplasm: Craniopharyngeal duct
C75.3	Malignant neoplasm: Pineal gland
C75.4	Malignant neoplasm: Carotid body
C75.5	Malignant neoplasm: Aortic body and other paraganglia
C75.8	Malignant neoplasm: Pluriglandular involvement, unspecified
C75.9	Malignant neoplasm: Endocrine gland, unspecified
C76.0	Malignant neoplasm of other and ill-defined sites: Head, face and neck
C76.1	Malignant neoplasm of other and ill-defined sites: Thorax
C76.2	Malignant neoplasm of other and ill-defined sites: Abdomen
C76.3	Malignant neoplasm of other and ill-defined sites: Pelvis
C76.4	Malignant neoplasm of other and ill-defined sites: Upper limb
C76.5	Malignant neoplasm of other and ill-defined sites: Lower limb
C76.7	Malignant neoplasm of other and ill-defined sites: Other ill-defined sites

W-2 ICD-10-WHO cancer codes: Infection Due to Medical Care Postoperative Sepsis - Denominator exclusion, if principal diagnosis or secondary diagnosis (continued)

C76.8	Malignant neoplasm of other and ill-defined sites: Overlapping lesion of other and ill-defined sites
C77.0	Secondary and unspecified malignant neoplasm: Lymph nodes of head, face and neck
C77.1	Secondary and unspecified malignant neoplasm: Intrathoracic lymph nodes
C77.2	Secondary and unspecified malignant neoplasm: Intra-abdominal lymph nodes
C77.3	Secondary and unspecified malignant neoplasm: Axillary and upper limb lymph nodes
C77.4	Secondary and unspecified malignant neoplasm: Inguinal and lower limb lymph nodes
C77.5	Secondary and unspecified malignant neoplasm: Intrapelvic lymph nodes
C77.8	Secondary and unspecified malignant neoplasm: Lymph nodes of multiple regions
C77.9	Secondary and unspecified malignant neoplasm: Lymph node, unspecified
C78.0	Secondary malignant neoplasm of lung
C78.1	Secondary malignant neoplasm of mediastinum
C78.2	Secondary malignant neoplasm of pleura
C78.3	Secondary malignant neoplasm of other and unspecified respiratory organs
C78.4	Secondary malignant neoplasm of small intestine
C78.5	Secondary malignant neoplasm of large intestine and rectum
C78.6	Secondary malignant neoplasm of retroperitoneum and peritoneum
C78.7	Secondary malignant neoplasm of liver
C78.8	Secondary malignant neoplasm of other and unspecified digestive organs
C79.0	Secondary malignant neoplasm of kidney and renal pelvis
C79.1	Secondary malignant neoplasm of bladder and other and unspecified urinary organs
C79.2	Secondary malignant neoplasm of skin
C79.3	Secondary malignant neoplasm of brain and cerebral meninges
C79.4	Secondary malignant neoplasm of other and unspecified parts of nervous system
C79.5	Secondary malignant neoplasm of bone and bone marrow
C79.6	Secondary malignant neoplasm of ovary
C79.7	Secondary malignant neoplasm of adrenal gland
C79.8	Secondary malignant neoplasm of other specified sites
C80	Malignant neoplasm without specification of site
C81.0	Hodgkin's disease: Lymphocytic predominance
C81.1	Hodgkin's disease: Nodular sclerosis
C81.2	Hodgkin's disease: Mixed cellularity
C81.3	Hodgkin's disease: Lymphocytic depletion
C81.7	Hodgkin's disease: Other Hodgkin's disease
C81.9	Hodgkin's disease: Hodgkin's disease, unspecified
C82.0	Non-Hodgkin's lymphoma: Small cleaved cell, follicular
C82.1	Non-Hodgkin's lymphoma: Mixed small cleaved and large cell, follicular
C82.2	Non-Hodgkin's lymphoma: Large cell, follicular
C82.7	Other types of follicular non-Hodgkin's lymphoma
C82.9	Follicular non-Hodgkin's lymphoma, unspecified
C83.0	Non-Hodgkin's lymphoma: Small cell (diffuse)
C83.1	Non-Hodgkin's lymphoma: Small cleaved cell (diffuse)
C83.2	Non-Hodgkin's lymphoma: Mixed small and large cell (diffuse)
C83.3	Non-Hodgkin's lymphoma: Large cell (diffuse)
C83.4	Non-Hodgkin's lymphoma: Immunoblastic (diffuse)

W-2 ICD-10-WHO cancer codes: Infection Due to Medical Care Postoperative Sepsis - Denominator exclusion, if principal diagnosis or secondary diagnosis (continued)

C83.5	Non-Hodgkin's lymphoma: Lymphoblastic (diffuse)
C83.6	Non-Hodgkin's lymphoma: Undifferentiated (diffuse)
C83.7	Burkitt's tumour
C83.8	Other types of diffuse non-Hodgkin's lymphoma
C83.9	Diffuse non-Hodgkin's lymphoma, unspecified
C84.0	Mycosis fungoides
C84.3	Lymphoepithelioid lymphoma
C84.4	Peripheral T-cell lymphoma
C84.5	Other and unspecified T-cell lymphomas
C85.0	Lymphosarcoma
C85.1	B-cell lymphoma, unspecified
C85.7	Other specified types of non-Hodgkin's lymphoma
C85.9	Non-Hodgkin's lymphoma, unspecified type
C88.0	Waldenström's macroglobulinaemia
C90.0	Multiple myeloma
C90.1	Plasma cell leukaemia
C90.2	Plasmacytoma, extramedullary
C91.0	Acute lymphoblastic leukaemia
C91.1	Chronic lymphocytic leukaemia
C91.2	Subacute lymphocytic leukaemia
C91.3	Prolymphocytic leukaemia
C91.4	Hairy-cell leukaemia
C91.5	Adult T-cell leukaemia
C91.7	Other lymphoid leukaemia
C91.9	Lymphoid leukaemia, unspecified
C92.0	Acute myeloid leukaemia
C92.1	Chronic myeloid leukaemia
C92.2	Subacute myeloid leukaemia
C92.3	Myeloid sarcoma
C92.4	Acute promyelocytic leukaemia
C92.5	Acute myelomonocytic leukaemia
C92.7	Other myeloid leukaemia
C92.9	Myeloid leukaemia, unspecified
C93.0	Acute monocytic leukaemia
C93.1	Chronic monocytic leukaemia
C93.2	Subacute monocytic leukaemia
C93.7	Other monocytic leukaemia
C93.9	Monocytic leukaemia, unspecified
C94.0	Acute erythraemia and erythroleukaemia
C94.1	Chronic erythraemia
C94.2	Acute megakaryoblastic leukaemia
C94.3	Mast cell leukaemia
C94.4	Acute panmyelosis
C94.5	Acute myelofibrosis
C94.7	Other specified leukaemias

W-2 ICD-10-WHO cancer codes: Infection Due to Medical Care Postoperative Sepsis - Denominator exclusion, if principal diagnosis or secondary diagnosis (continued)

C95.0	Acute leukaemia of unspecified cell type
C95.1	Chronic leukaemia of unspecified cell type
C95.2	Subacute leukaemia of unspecified cell type
C95.7	Other leukaemia of unspecified cell type
C95.9	Leukaemia, unspecified
C96.0	Letterer-Siwe disease
C96.1	Malignant histiocytosis
C96.2	Malignant mast cell tumour
C96.3	True histiocytic lymphoma
C96.7	Other specified malignant neoplasms of lymphoid, haematopoietic and related tissue
C96.9	Malignant neoplasm of lymphoid, haematopoietic and related tissue, unspecified
C97	Malignant neoplasms of independent (primary) multiple sites
Z85.0	Personal history of malignant neoplasm of digestive organs
Z85.1	Personal history of malignant neoplasm of trachea, bronchus and lung
Z85.2	Personal history of malignant neoplasm of other respiratory and intrathoracic organs
Z85.3	Personal history of malignant neoplasm of breast
Z85.4	Personal history of malignant neoplasm of genital organs
Z85.5	Personal history of malignant neoplasm of urinary tract
Z85.6	Personal history of leukaemia
Z85.7	Personal history of other malignant neoplasms of lymphoid, haematopoietic and related tissues
Z85.8	Personal history of malignant neoplasms of other organs and systems
Z85.9	Personal history of malignant neoplasm, unspecified

W-3 ICD-10-WHO hemiplegia codes: Decubitus Ulcer Denominator exclusion, if principal diagnosis or secondary diagnosis

G04.1	Tropical spastic paraplegia
G11.4	Hereditary spastic paraplegia
G80.0	Spastic quadriplegic cerebral palsy
G80.1	Spastic diplegic cerebral palsy
G80.2	Spastic hemiplegic cerebral palsy
G80.3	Dyskinetic cerebral palsy
G80.4	Ataxic cerebral palsy
G80.8	Other cerebral palsy
G80.9	Cerebral palsy, unspecified

W-3 ICD-10-WHO hemiplegia codes: Decubitus Ulcer
Denominator exclusion, if principal diagnosis or secondary diagnosis (continued)

G81.0	Flaccid hemiplegia
G81.1	Spastic hemiplegia
G81.9	Hemiplegia, unspecified
G82.0	Flaccid paraplegia
G82.1	Spastic paraplegia
G82.2	Paraplegia, unspecified
G82.3	Flaccid tetraplegia
G82.4	Spastic tetraplegia
G82.5	Tetraplegia, unspecified
G83.0	Diplegia of upper limbs
G83.1	Monoplegia of lower limb
G83.2	Monoplegia of upper limb
G83.3	Monoplegia, unspecified
G83.4	Cauda equina syndrome
G83.8	Other specified paralytic syndromes
G83.9	Paralytic syndrome, unspecified

W-4: ICD-10-WHO spina bifida or anoxic brain damage codes: Decubitus Ulcer
Denominator exclusion, if principal diagnosis or secondary diagnosis

G93.1	Anoxic brain damage, not elsewhere classified
P21.0	Severe birth asphyxia
Q05.0	Cervical spina bifida with hydrocephalus
Q05.1	Thoracic spina bifida with hydrocephalus
Q05.2	Lumbar spina bifida with hydrocephalus
Q05.3	Sacral spina bifida with hydrocephalus
Q05.4	Unspecified spina bifida with hydrocephalus
Q05.5	Cervical spina bifida without hydrocephalus
Q05.6	Thoracic spina bifida without hydrocephalus
Q05.7	Lumbar spina bifida without hydrocephalus
Q05.8	Sacral spina bifida without hydrocephalus
Q05.9	Spina bifida, unspecified

W-5 Self-Inflicted Injury Diagnosis ICD-10-WHO Codes Complications of anaesthesia

Compl. Anaesthesia: Denominator exclusion, if coded together with drug dependence and active nondependent abuse of drugs (W-7)

Postoperative Hip Fracture Hip fracture: Denominator exclusion, if principal diagnosis or secondary diagnosis

X60	Intentional self-poisoning by and exposure to nonopioid analgesics, antipyretics and antirheumatics
X61	Intentional self-poisoning by and exposure to antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified
X62	Intentional self-poisoning by and exposure to narcotics and psychodysleptics [hallucinogens], not elsewhere classified
X63	Intentional self-poisoning by and exposure to other drugs acting on the autonomic nervous system
X64	Intentional self-poisoning by and exposure to other and unspecified drugs, medicaments and biological substances
X65	Intentional self-poisoning by and exposure to alcohol
X66	Intentional self-poisoning by and exposure to organic solvents and halogenated hydrocarbons and their vapours
X67	Intentional self-poisoning by and exposure to other gases and vapours
X68	Intentional self-poisoning by and exposure to pesticides
X69	Intentional self-poisoning by and exposure to other and unspecified chemicals and noxious substances
X70	Intentional self-harm by hanging, strangulation and suffocation
X71	Intentional self-harm by drowning and submersion
X72	Intentional self-harm by handgun discharge
X73	Intentional self-harm by rifle, shotgun and larger firearm discharge
X74	Intentional self-harm by other and unspecified firearm discharge
X75	Intentional self-harm by explosive material
X76	Intentional self-harm by smoke, fire and flames
X77	Intentional self-harm by steam, hot vapours and hot objects
X78	Intentional self-harm by sharp object
X79	Intentional self-harm by blunt object
X80	Intentional self-harm by jumping from a high place
X81	Intentional self-harm by jumping or lying before moving object
X82	Intentional self-harm by crashing of motor vehicle
X83	Intentional self-harm by other specified means
X84	Intentional self-harm by unspecified means

W-6: Poisoning due to anaesthetics ICD-10-WHO Codes: Complications of anaesthesia

Denominator exclusion, if coded together with drug dependence and active nondependent abuse of drugs (W-7)

T41.0	Poisoning: Inhaled anaesthetics
T41.1	Poisoning: Intravenous anaesthetics
T41.2	Poisoning: Other and unspecified general anaesthetics
T41.3	Poisoning: Local anaesthetics
T41.4	Poisoning: Anaesthetic, unspecified

W-7: ICD-10-WHO codes for Drug dependence and active nondependent abuse of drugs: Complications of anaesthesia

Denominator exclusion, if coded together with Self-Inflicted Injury Diagnosis (W-5) or Poisoning due to anaesthetics ICD-10-WHO Codes (W-6)

F11.0	Mental and behavioural disorders due to use of opioids, acute intoxication
F11.1	Mental and behavioural disorders due to use of opioids, harmful use
F11.2	Mental and behavioural disorders due to use of opioids, dependence syndrome
F11.3	Mental and behavioural disorders due to use of opioids, withdrawal state
F11.4	Mental and behavioural disorders due to use of opioids, withdrawal state with delirium
F11.5	Mental and behavioural disorders due to use of opioids, psychotic disorder
F11.6	Mental and behavioural disorders due to use of opioids, amnesic syndrome
F11.7	Mental and behavioural disorders due to use of opioids, residual and late-onset psychotic disorder
F11.8	Mental and behavioural disorders due to use of opioids, other mental and behavioural disorders
F11.9	Mental and behavioural disorders due to use of opioids, unspecified mental and behavioural disorder
F12.0	Mental and behavioural disorders due to use of cannabinoids, acute intoxication
F12.1	Mental and behavioural disorders due to use of cannabinoids, harmful use
F12.2	Mental and behavioural disorders due to use of cannabinoids, dependence syndrome
F12.3	Mental and behavioural disorders due to use of cannabinoids, withdrawal state
F12.4	Mental and behavioural disorders due to use of cannabinoids, withdrawal state with delirium
F12.5	Mental and behavioural disorders due to use of cannabinoids, psychotic disorder
F12.6	Mental and behavioural disorders due to use of cannabionoids, amnesic syndrome
F12.7	Mental and behavioural disorders due to use of cannabinoids, residual and late-onset psychotic disorder
F12.8	Mental and behavioural disorders due to use of cannabinoids, other mental and behavioural disorders

**W-7: ICD-10-WHO codes for Drug dependence and active nondependent abuse of drugs:
Complications of anaesthesia**

Denominator exclusion, if coded together with Self-Inflicted Injury Diagnosis (W-5) or Poisoning due to anaesthetics ICD-10-WHO Codes (W-6) (continued)

F12.9	Mental and behavioural disorders due to use of cannabinoids, unspecified mental and behavioural disorder
F13.0	Mental and behavioural disorders due to use of sedatives or hypnotics, acute intoxication
F13.1	Mental and behavioural disorders due to use of sedatives or hypnotics, harmful use
F13.2	Mental and behavioural disorders due to use of sedatives or hypnotics, dependence syndrome
F13.3	Mental and behavioural disorders due to use of sedatives or hypnotics, withdrawal state
F13.4	Mental and behavioural disorders due to use of sedatives or hypnotics, withdrawal state with delirium
F13.5	Mental and behavioural disorders due to use of sedatives or hypnotics, psychotic disorder
F13.6	Mental and behavioural disorders due to use of sedatives or hypnotics, amnesic syndrome
F13.7	Mental and behavioural disorders due to use of sedatives or hypnotics, residual and late-onset psychotic disorder
F13.8	Mental and behavioural disorders due to use of sedatives or hypnotics, other mental and behavioural disorders
F13.9	Mental and behavioural disorders due to use of sedatives or hypnotics, unspecified mental and behavioural disorder
F14.0	Mental and behavioural disorders due to use of cocaine, acute intoxication
F14.1	Mental and behavioural disorders due to use of cocaine, harmful use
F14.2	Mental and behavioural disorders due to use of cocaine, dependence syndrome
F14.3	Mental and behavioural disorders due to use of cocaine, withdrawal state
F14.4	Mental and behavioural disorders due to use of cocaine, withdrawal state with delirium
F14.5	Mental and behavioural disorders due to use of cocaine, psychotic disorder
F14.6	Mental and behavioural disorders due to use of cocaine, amnesic syndrome
F14.7	Mental and behavioural disorders due to use of cocaine, residual and late-onset psychotic disorder
F14.8	Mental and behavioural disorders due to use of cocaine, other mental and behavioural disorders
F14.9	Mental and behavioural disorders due to use of cocaine, unspecified mental and behavioural disorder
F15.0	Mental and behavioural disorders due to use of other stimulants including caffeine, acute intoxication
F15.1	Mental and behavioural disorders due to use of other stimulants including caffeine, harmful use
F15.2	Mental and behavioural disorders due to use of other stimulants including caffeine, dependence syndrome
F15.3	Mental and behavioural disorders due to use of other stimulants including caffeine, withdrawal state
F15.4	Mental and behavioural disorders due to use of other stimulants including caffeine, withdrawal state with delirium

W-7: ICD-10-WHO codes for Drug dependence and active nondependent abuse of drugs: Complications of anaesthesia

Denominator exclusion, if coded together with Self-Inflicted Injury Diagnosis (W-5) or Poisoning due to anaesthetics ICD-10-WHO Codes (W-6) (continued)

F15.5	Mental and behavioural disorders due to use of other stimulants including caffeine, psychotic disorder
F15.6	Mental and behavioural disorders due to use of other stimulants including caffeine, amnesic syndrome
F15.7	Mental and behavioural disorders due to use of other stimulants including caffeine, residual and late-onset psychotic disorder
F15.8	Mental and behavioural disorders due to use of other stimulants including caffeine, other mental and behavioural disorders
F15.9	Mental and behavioural disorders due to use of other stimulants including caffeine, unspecified mental and behavioural disorder
F16.0	Mental and behavioural disorders due to use of hallucinogens, acute intoxication
F16.1	Mental and behavioural disorders due to use of hallucinogens, harmful use
F16.2	Mental and behavioural disorders due to use of hallucinogens, dependence syndrome
F16.3	Mental and behavioural disorders due to use of hallucinogens, withdrawal state
F16.4	Mental and behavioural disorders due to use of hallucinogens, withdrawal state with delirium
F16.5	Mental and behavioural disorders due to use of hallucinogens, psychotic disorder
F16.6	Mental and behavioural disorders due to use of hallucinogens, amnesic syndrome
F16.7	Mental and behavioural disorders due to use of hallucinogens, residual and late-onset psychotic disorder
F16.8	Mental and behavioural disorders due to use of hallucinogens, other mental and behavioural disorders
F16.9	Mental and behavioural disorders due to use of hallucinogens, unspecified mental and behavioural disorder
F18.0	Mental and behavioural disorders due to use of volatile solvents, acute intoxication
F18.1	Mental and behavioural disorders due to use of volatile solvents, harmful use
F18.2	Mental and behavioural disorders due to use of volatile solvents, dependence syndrome
F18.3	Mental and behavioural disorders due to use of volatile solvents, withdrawal state
F18.4	Mental and behavioural disorders due to use of volatile solvents, withdrawal state with delirium
F18.5	Mental and behavioural disorders due to use of volatile solvents, psychotic disorder
F18.6	Mental and behavioural disorders due to use of volatile solvents, amnesic syndrome
F18.7	Mental and behavioural disorders due to use of volatile solvents, residual and late-onset psychotic disorder
F18.8	Mental and behavioural disorders due to use of volatile solvents, other mental and behavioural disorders
F18.9	Mental and behavioural disorders due to use of volatile solvents, unspecified mental and behavioural disorder
F19.0	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, acute intoxication
F19.1	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, harmful use

W-7: ICD-10-WHO codes for Drug dependence and active nondependent abuse of drugs: Complications of anaesthesia**Denominator exclusion, if coded together with Self-Inflicted Injury Diagnosis (W-5) or Poisoning due to anaesthetics ICD-10-WHO Codes (W-6) (continued)**

F19.2	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, dependence syndrome
F19.3	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, withdrawal state
F19.4	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, withdrawal state with delirium
F19.5	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, psychotic disorder
F19.6	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, amnesic syndrome
F19.7	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, residual and late-onset psychotic disorder
F19.8	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, other mental and behavioural disorders
F19.9	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, unspecified mental and behavioural disorder
F55	Abuse of non-dependence-producing substances

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis**

B15.0	Hepatitis A with hepatic coma
B16.0	Acute hepatitis B with delta-agent (coinfection) with hepatic coma
B16.2	Acute hepatitis B without delta-agent with hepatic coma
B19.0	Unspecified viral hepatitis hepatic with coma
E10.0	Insulin-dependent diabetes mellitus with coma
E11.0	Non-insulin-dependent diabetes mellitus with coma
E12.0	Malnutrition-related diabetes mellitus with coma
E13.0	Other specified diabetes mellitus with coma
E14.0	Unspecified diabetes mellitus with coma
E15.	Nondiabetic hypoglycaemic coma
F00.0	Dementia in Alzheimer's disease with early onset

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

F00.1	Dementia in Alzheimer's disease with late onset
F00.2	Dementia in Alzheimer's disease, atypical or mixed type
F00.9	Dementia in Alzheimer's disease, unspecified
F01.0	Vascular dementia of acute onset
F01.1	Multi-infarct dementia
F01.2	Subcortical vascular dementia
F01.3	Mixed cortical and subcortical vascular dementia
F01.8	Other vascular dementia
F01.9	Vascular dementia, unspecified
F02.0	Dementia in Pick's disease
F02.1	Dementia in Creutzfeldt-Jakob disease
F02.2	Dementia in Huntington's disease
F02.3	Dementia in Parkinson's disease
F02.4	Dementia in human immunodeficiency virus [HIV] disease
F02.8	Dementia in other specified diseases classified elsewhere
F03	Unspecified dementia
F04	Organic amnesic syndrome, not induced by alcohol and other psychoactive substances
F05.0	Delirium not superimposed on dementia, so described
F05.1	Delirium superimposed on dementia
F05.8	Other delirium
F05.9	Delirium, unspecified
F06.0	Organic hallucinosis
F06.1	Organic catatonic disorder
F06.2	Organic delusional [schizophrenia-like] disorder
F06.3	Organic mood [affective] disorders
F06.4	Organic anxiety disorder
F06.5	Organic dissociative disorder
F06.6	Organic emotionally labile [asthenic] disorder
F06.8	Other specified mental disorders due to brain damage and dysfunction and to physical disease
F06.9	Unspecified mental disorder due to brain damage and dysfunction and to physical disease
F09	Unspecified organic or symptomatic mental disorder
F10.0	Mental and behavioural disorders due to use of alcohol, acute intoxication
F10.3	Mental and behavioural disorders due to use of alcohol, withdrawal state
F10.4	Mental and behavioural disorders due to use of alcohol, withdrawal state with delirium
F10.5	Mental and behavioural disorders due to use of alcohol, psychotic disorder
F10.6	Mental and behavioural disorders due to use of alcohol, amnesic syndrome
F10.7	Mental and behavioural disorders due to use of alcohol, residual and late-onset psychotic disorder
F10.8	Mental and behavioural disorders due to use of alcohol, other mental and behavioural disorders
F10.9	Mental and behavioural disorders due to use of alcohol, unspecified mental and behavioural disorder
F11.0	Mental and behavioural disorders due to use of opioids, acute intoxication
F11.3	Mental and behavioural disorders due to use of opioids, withdrawal state

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

F11.4	Mental and behavioural disorders due to use of opioids, withdrawal state with delirium
F11.5	Mental and behavioural disorders due to use of opioids, psychotic disorder
F11.6	Mental and behavioural disorders due to use of opioids, amnesic syndrome
F11.7	Mental and behavioural disorders due to use of opioids, residual and late-onset psychotic disorder
F11.8	Mental and behavioural disorders due to use of opioids, other mental and behavioural disorders
F11.9	Mental and behavioural disorders due to use of opioids, unspecified mental and behavioural disorder
F12.0	Mental and behavioural disorders due to use of cannabinoids, acute intoxication
F12.3	Mental and behavioural disorders due to use of cannabinoids, withdrawal state
F12.4	Mental and behavioural disorders due to use of cannabinoids, withdrawal state with delirium
F12.5	Mental and behavioural disorders due to use of cannabinoids, psychotic disorder
F12.6	Mental and behavioural disorders due to use of cannabinoids, amnesic syndrome
F12.7	Mental and behavioural disorders due to use of cannabinoids, residual and late-onset psychotic disorder
F12.8	Mental and behavioural disorders due to use of cannabinoids, other mental and behavioural disorders
F12.9	Mental and behavioural disorders due to use of cannabinoids, unspecified mental and behavioural disorder
F13.0	Mental and behavioural disorders due to use of sedatives or hypnotics, acute intoxication
F13.3	Mental and behavioural disorders due to use of sedatives or hypnotics, withdrawal state
F13.4	Mental and behavioural disorders due to use of sedatives or hypnotics, withdrawal state with delirium
F13.5	Mental and behavioural disorders due to use of sedatives or hypnotics, psychotic disorder
F13.6	Mental and behavioural disorders due to use of sedatives or hypnotics, amnesic syndrome
F13.7	Mental and behavioural disorders due to use of sedatives or hypnotics, residual and late-onset psychotic disorder
F13.8	Mental and behavioural disorders due to use of sedatives or hypnotics, other mental and behavioural disorders
F13.9	Mental and behavioural disorders due to use of sedatives or hypnotics, unspecified mental and behavioural disorder
F14.0	Mental and behavioural disorders due to use of cocaine, acute intoxication
F14.3	Mental and behavioural disorders due to use of cocaine, withdrawal state
F14.4	Mental and behavioural disorders due to use of cocaine, withdrawal state with delirium
F14.5	Mental and behavioural disorders due to use of cocaine, psychotic disorder
F14.6	Mental and behavioural disorders due to use of cocaine, amnesic syndrome
F14.7	Mental and behavioural disorders due to use of cocaine, residual and late-onset psychotic disorder
F14.8	Mental and behavioural disorders due to use of cocaine, other mental and behavioural disorders
F14.9	Mental and behavioural disorders due to use of cocaine, unspecified mental and behavioural disorder
F15.0	Mental and behavioural disorders due to use of other stimulants including caffeine, acute intoxication

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

F15.3	Mental and behavioural disorders due to use of other stimulants including caffeine, withdrawal state
F15.4	Mental and behavioural disorders due to use of other stimulants including caffeine, withdrawal state with delirium
F15.5	Mental and behavioural disorders due to use of other stimulants including caffeine, psychotic disorder
F15.6	Mental and behavioural disorders due to use of other stimulants including caffeine, amnesic syndrome
F15.7	Mental and behavioural disorders due to use of other stimulants including caffeine, residual and late-onset psychotic disorder
F15.8	Mental and behavioural disorders due to use of other stimulants including caffeine, other mental and behavioural disorders
F15.9	Mental and behavioural disorders due to use of other stimulants including caffeine, unspecified mental and behavioural disorder
F16.0	Mental and behavioural disorders due to use of hallucinogens, acute intoxication
F16.3	Mental and behavioural disorders due to use of hallucinogens, withdrawal state
F16.4	Mental and behavioural disorders due to use of hallucinogens, withdrawal state with delirium
F16.5	Mental and behavioural disorders due to use of hallucinogens, psychotic disorder
F16.6	Mental and behavioural disorders due to use of hallucinogens, amnesic syndrome
F16.7	Mental and behavioural disorders due to use of hallucinogens, residual and late-onset psychotic disorder
F16.8	Mental and behavioural disorders due to use of hallucinogens, other mental and behavioural disorders
F16.9	Mental and behavioural disorders due to use of hallucinogens, unspecified mental and behavioural disorder
F18.0	Mental and behavioural disorders due to use of volatile solvents, acute intoxication
F18.3	Mental and behavioural disorders due to use of volatile solvents, withdrawal state
F18.4	Mental and behavioural disorders due to use of volatile solvents, withdrawal state with delirium
F18.5	Mental and behavioural disorders due to use of volatile solvents, psychotic disorder
F18.6	Mental and behavioural disorders due to use of volatile solvents, amnesic syndrome
F18.7	Mental and behavioural disorders due to use of volatile solvents, residual and late-onset psychotic disorder
F18.8	Mental and behavioural disorders due to use of volatile solvents, other mental and behavioural disorders
F18.9	Mental and behavioural disorders due to use of volatile solvents, unspecified mental and behavioural disorder
F19.0	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, acute intoxication
F19.3	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, withdrawal state
F19.4	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, withdrawal state with delirium

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

F19.5	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, psychotic disorder
F19.6	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, amnesic syndrome
F19.7	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, residual and late-onset psychotic disorder
F19.8	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, other mental and behavioural disorders
F19.9	Mental and behavioural disorders due to multiple drug use and use of psychoactive substances, unspecified mental and behavioural disorder
F20.0	Paranoid schizophrenia
F20.1	Hebephrenic schizophrenia
F20.2	Catatonic schizophrenia
F20.3	Undifferentiated schizophrenia
F20.4	Post-schizophrenic depression
F20.5	Residual schizophrenia
F20.6	Simple schizophrenia
F20.8	Other schizophrenia
F20.9	Schizophrenia, unspecified
F21.	Schizotypal disorder
F22.0	Delusional disorder
F22.8	Other persistent delusional disorders
F22.9	Persistent delusional disorder, unspecified
F23.0	Acute polymorphic psychotic disorder without symptoms of schizophrenia
F23.1	Acute polymorphic psychotic disorder with symptoms of schizophrenia
F23.2	Acute schizophrenia-like psychotic disorder
F23.3	Other acute predominantly delusional psychotic disorders
F23.8	Other acute and transient psychotic disorders
F23.9	Acute and transient psychotic disorder, unspecified
F24	Induced delusional disorder
F25.0	Schizoaffective disorder, manic type
F25.1	Schizoaffective disorder, depressive type
F25.2	Schizoaffective disorder, mixed type
F25.8	Other schizoaffective disorders
F25.9	Schizoaffective disorder, unspecified
F28	Other nonorganic psychotic disorders
F29	Unspecified nonorganic psychosis
F30.0	Hypomania
F30.1	Mania without psychotic symptoms
F30.2	Mania with psychotic symptoms
F30.8	Other manic episodes
F30.9	Manic episode, unspecified
F31.0	Bipolar affective disorder, current episode hypomanic
F31.1	Bipolar affective disorder, current episode manic without psychotic symptoms

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

F31.2	Bipolar affective disorder, current episode manic with psychotic symptoms
F31.3	Bipolar affective disorder, current episode mild or moderate depression
F31.4	Bipolar affective disorder, current episode severe depression without psychotic symptoms
F31.5	Bipolar affective disorder, current episode severe depression with psychotic symptoms
F31.6	Bipolar affective disorder, current episode mixed
F31.7	Bipolar affective disorder, currently in remission
F31.8	Other bipolar affective disorders
F31.9	Bipolar affective disorder, unspecified
F32.2	Severe depressive episode without psychotic symptoms
F32.3	Severe depressive episode with psychotic symptoms
F32.8	Other depressive episodes
F32.9	Depressive episode, unspecified
F33.2	Recurrent depressive disorder, current episode severe without psychotic symptoms
F33.3	Recurrent depressive disorder, current episode severe with psychotic symptoms
F33.4	Recurrent depressive disorder, currently in remission
F33.8	Other recurrent depressive disorders
F34.8	Other persistent mood [affective] disorders
F34.9	Persistent mood [affective] disorder, unspecified
F38.0	Other single mood [affective] disorders
F38.1	Other recurrent mood [affective] disorders
F38.8	Other specified mood [affective] disorders
F39	Unspecified mood [affective] disorder
F53.1	Severe mental and behavioural disorders associated with the puerperium, not elsewhere classified
F84.0	Childhood autism
F84.1	Atypical autism
F84.2	Rett's syndrome
F84.3	Other childhood disintegrative disorder
F84.4	Overactive disorder associated with mental retardation and stereotyped movements
F84.5	Asperger's syndrome
F84.8	Other pervasive developmental disorders
F84.9	Pervasive developmental disorder, unspecified
G40.0	Localization-related (focal)(partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset
G40.1	Localization-related (focal)(partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures
G40.2	Localization-related (focal)(partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures
G40.3	Generalized idiopathic epilepsy and epileptic syndromes
G40.4	Other generalized epilepsy and epileptic syndromes
G40.5	Special epileptic syndromes
G40.6	Grand mal seizures, unspecified (with or without petit mal)
G40.7	Petit mal, unspecified, without grand mal seizures
G40.8	Other epilepsy

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

G40.9	Epilepsy, unspecified
G41.0	Grand mal status epilepticus
G41.1	Petit mal status epilepticus
G41.2	Complex partial status epilepticus
G41.8	Other status epilepticus
G41.9	Status epilepticus, unspecified
G93.1	Anoxic brain damage, not elsewhere classified
I46.0	Cardiac arrest with successful resuscitation
I46.9	Cardiac arrest, unspecified
I60.0	Subarachnoid haemorrhage from carotid siphon and bifurcation
I60.1	Subarachnoid haemorrhage from middle cerebral artery
I60.2	Subarachnoid haemorrhage from anterior communicating artery
I60.3	Subarachnoid haemorrhage from posterior communicating artery
I60.4	Subarachnoid haemorrhage from basilar artery
I60.5	Subarachnoid haemorrhage from vertebral artery
I60.6	Subarachnoid haemorrhage from other intracranial arteries
I60.7	Subarachnoid haemorrhage from intracranial artery, unspecified
I60.8	Other subarachnoid haemorrhage
I60.9	Subarachnoid haemorrhage, unspecified
I61.0	Intracerebral haemorrhage in hemisphere, subcortical
I61.1	Intracerebral haemorrhage in hemisphere, cortical
I61.2	Intracerebral haemorrhage in hemisphere, unspecified
I61.3	Intracerebral haemorrhage in brain stem
I61.4	Intracerebral haemorrhage in cerebellum
I61.5	Intracerebral haemorrhage, intraventricular
I61.6	Intracerebral haemorrhage, multiple localized
I61.8	Other intracerebral haemorrhage
I61.9	Intracerebral haemorrhage, unspecified
I62.0	Subdural haemorrhage (acute)(nontraumatic)
I62.1	Nontraumatic extradural haemorrhage
I62.9	Intracranial haemorrhage (nontraumatic), unspecified
I63.0	Cerebral infarction due to thrombosis of precerebral arteries
I63.1	Cerebral infarction due to embolism of precerebral arteries
I63.2	Cerebral infarction due to unspecified occlusion or stenosis of precerebral arteries
I63.3	Cerebral infarction due to thrombosis of cerebral arteries
I63.4	Cerebral infarction due to embolism of cerebral arteries
I63.5	Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries
I63.6	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic
I63.8	Other cerebral infarction
I63.9	Cerebral infarction, unspecified
I64	Stroke, not specified as haemorrhage or infarction
R40.1	Stupor
R40.2	Coma, unspecified

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

R41.0	Disorientation, unspecified
R55	Syncope and collapse
R56.0	Febrile convulsions
R56.8	Other and unspecified convulsions
S01.0	Open wound of scalp
S01.1	Open wound of eyelid and periocular area
S01.2	Open wound of nose
S01.3	Open wound of ear
S01.4	Open wound of cheek and temporomandibular area
S01.5	Open wound of lip and oral cavity
S01.7	Multiple open wounds of head
S01.8	Open wound of other parts of head
S01.9	Open wound of head, part unspecified
S02.0	Fracture of vault of skull
S02.1	Fracture of base of skull
S02.2	Fracture of nasal bones
S02.3	Fracture of orbital floor
S02.4	Fracture of malar and maxillary bones
S02.5	Fracture of tooth
S02.6	Fracture of mandible
S02.7	Multiple fractures involving skull and facial bones
S02.8	Fractures of other skull and facial bones
S02.9	Fracture of skull and facial bones, part unspecified
S03.0	Dislocation of jaw
S03.1	Dislocation of septal cartilage of nose
S03.2	Dislocation of tooth
S03.3	Dislocation of other and unspecified parts of head
S05.0	Injury of conjunctiva and corneal abrasion without mention of foreign body
S05.2	Ocular laceration and rupture with prolapse or loss of intraocular tissue
S05.3	Ocular laceration without prolapse or loss of intraocular tissue
S05.4	Penetrating wound of orbit with or without foreign body
S05.5	Penetrating wound of eyeball with foreign body
S05.6	Penetrating wound of eyeball without foreign body
S05.7	Avulsion of eye
S05.8	Other injuries of eye and orbit
S05.9	Injury of eye and orbit, unspecified
S06.0	Concussion
S06.1	Traumatic cerebral oedema
S06.2	Diffuse brain injury
S06.3	Focal brain injury
S06.4	Epidural haemorrhage
S06.5	Traumatic subdural haemorrhage
S06.6	Traumatic subarachnoid haemorrhage

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

S06.7	Intracranial injury with prolonged coma
S06.8	Other intracranial injuries
S06.9	Intracranial injury, unspecified
S07.0	Crushing injury of face
S07.1	Crushing injury of skull
S07.8	Crushing injury of other parts of head
S07.9	Crushing injury of head, part unspecified
S08.0	Avulsion of scalp
S08.1	Traumatic amputation of ear
S08.8	Traumatic amputation of other parts of head
S08.9	Traumatic amputation of unspecified part of head
S09.0	Injury of blood vessels of head, not elsewhere classified
S09.2	Traumatic rupture of ear drum
S09.7	Multiple injuries of head
S09.9	Unspecified injury of head
S11.0	Open wound involving larynx and trachea
S11.1	Open wound involving thyroid gland
S11.2	Open wound involving pharynx and cervical oesophagus
S11.7	Multiple open wounds of neck
S11.8	Open wound of other parts of neck
S11.9	Open wound of neck, part unspecified
S12.0	Fracture of first cervical vertebra
S12.1	Fracture of second cervical vertebra
S12.2	Fracture of other specified cervical vertebra
S12.7	Multiple fractures of cervical spine
S12.8	Fracture of other parts of neck
S12.9	Fracture of neck, part unspecified
S13.0	Traumatic rupture of cervical intervertebral disc
S13.1	Dislocation of cervical vertebra
S13.2	Dislocation of other and unspecified parts of neck
S13.3	Multiple dislocations of neck
S14.0	Concussion and oedema of cervical spinal cord
S14.1	Other and unspecified injuries of cervical spinal cord
S14.2	Injury of nerve root of cervical spine
S14.3	Injury of brachial plexus
S15.0	Injury of carotid artery
S15.1	Injury of vertebral artery
S15.2	Injury of external jugular vein
S15.3	Injury of internal jugular vein
S15.7	Injury of multiple blood vessels at neck level
S15.8	Injury of other blood vessels at neck level
S15.9	Injury of unspecified blood vessel at neck level
S17.0	Crushing injury of larynx and trachea

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

S17.8	Crushing injury of other parts of neck
S17.9	Crushing injury of neck, part unspecified
S18	Traumatic amputation at neck level
S19.7	Multiple injuries of neck
S19.8	Other specified injuries of neck
S19.9	Unspecified injury of neck
S21.0	Open wound of breast
S21.1	Open wound of front wall of thorax
S21.2	Open wound of back wall of thorax
S21.7	Multiple open wounds of thoracic wall
S21.8	Open wound of other parts of thorax
S21.9	Open wound of thorax, part unspecified
S22.0	Fracture of thoracic vertebra
S22.1	Multiple fractures of thoracic spine
S22.2	Fracture of sternum
S22.3	Fracture of rib
S22.4	Multiple fractures of ribs
S22.5	Flail chest
S22.8	Fracture of other parts of bony thorax
S22.9	Fracture of bony thorax, part unspecified
S23.0	Traumatic rupture of thoracic intervertebral disc
S23.1	Dislocation of thoracic vertebra
S23.2	Dislocation of other and unspecified parts of thorax
S24.0	Concussion and oedema of thoracic spinal cord
S24.1	Other and unspecified injuries of thoracic spinal cord
S24.2	Injury of nerve root of thoracic spine
S25.0	Injury of thoracic aorta
S25.1	Injury of innominate or subclavian artery
S25.2	Injury of superior vena cava
S25.3	Injury of innominate or subclavian vein
S25.4	Injury of pulmonary blood vessels
S25.5	Injury of intercostal blood vessels
S25.7	Injury of multiple blood vessels of thorax
S25.8	Injury of other blood vessels of thorax
S25.9	Injury of unspecified blood vessel of thorax
S26.0	Injury of heart with haemopericardium
S26.8	Other injuries of heart
S26.9	Injury of heart, unspecified
S27.0	Traumatic pneumothorax
S27.1	Traumatic haemothorax
S27.2	Traumatic haemopneumothorax
S27.3	Other injuries of lung
S27.4	Injury of bronchus

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

S27.5	Injury of thoracic trachea
S27.6	Injury of pleura
S27.7	Multiple injuries of intrathoracic organs
S27.8	Injury of other specified intrathoracic organs
S27.9	Injury of unspecified intrathoracic organ
S28.0	Crushed chest
S28.1	Traumatic amputation of part of thorax
S29.0	Injury of muscle and tendon at thorax level
S29.7	Multiple injuries of thorax
S29.8	Other specified injuries of thorax
S29.9	Unspecified injury of thorax
S31.0	Open wound of lower back and pelvis
S31.1	Open wound of abdominal wall
S31.2	Open wound of penis
S31.3	Open wound of scrotum and testes
S31.4	Open wound of vagina and vulva
S31.5	Open wound of other and unspecified external genital organs
S31.7	Multiple open wounds of abdomen, lower back and pelvis
S31.8	Open wound of other and unspecified parts of abdomen
S32.0	Fracture of lumbar vertebra
S32.1	Fracture of sacrum
S32.2	Fracture of coccyx
S32.3	Fracture of ilium
S32.4	Fracture of acetabulum
S32.5	Fracture of pubis
S32.7	Multiple fractures of lumbar spine and pelvis
S32.8	Fracture of other and unspecified parts of lumbar spine and pelvis
S33.0	Traumatic rupture of lumbar intervertebral disc
S33.1	Dislocation of lumbar vertebra
S33.2	Dislocation of sacroiliac and sacrococcygeal joint
S33.3	Dislocation of other and unspecified parts of lumbar spine and pelvis
S34.0	Concussion and oedema of lumbar spinal cord
S34.1	Other injury of lumbar spinal cord
S34.2	Injury of nerve root of lumbar and sacral spine
S34.3	Injury of cauda equina
S34.4	Injury of lumbosacral plexus
S35.0	Injury of abdominal aorta
S35.1	Injury of inferior vena cava
S35.2	Injury of coeliac or mesenteric artery
S35.3	Injury of portal or splenic vein
S35.4	Injury of renal blood vessels
S35.5	Injury of iliac blood vessels
S35.7	Injury of multiple blood vessels at abdomen, lower back and pelvis level

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

S35.8	Injury of other blood vessels at abdomen, lower back and pelvis level
S35.9	Injury of unspecified blood vessel at abdomen, lower back and pelvis level
S36.0	Injury of spleen
S36.1	Injury of liver or gallbladder
S36.2	Injury of pancreas
S36.3	Injury of stomach
S36.4	Injury of small intestine
S36.5	Injury of colon
S36.6	Injury of rectum
S36.7	Injury of multiple intra-abdominal organs
S36.8	Injury of other intra-abdominal organs
S36.9	Injury of unspecified intra-abdominal organ
S37.0	Injury of kidney
S37.1	Injury of ureter
S37.2	Injury of bladder
S37.3	Injury of urethra
S37.4	Injury of ovary
S37.5	Injury of fallopian tube
S37.6	Injury of uterus
S37.7	Injury of multiple pelvic organs
S37.8	Injury of other pelvic organs
S37.9	Injury of unspecified pelvic organ
S38.0	Crushing injury of external genital organs
S38.1	Crushing injury of other and unspecified parts of abdomen, lower back and pelvis
S38.2	Traumatic amputation of external genital organs
S38.3	Traumatic amputation of other and unspecified parts of abdomen, lower back and pelvis
S39.6	Injury of intra-abdominal organ(s) with pelvic organ(s)
S39.7	Other multiple injuries of abdomen, lower back and pelvis
S39.8	Other specified injuries of abdomen, lower back and pelvis
S39.9	Unspecified injury of abdomen, lower back and pelvis
S41.0	Open wound of shoulder
S41.1	Open wound of upper arm
S41.7	Multiple open wounds of shoulder and upper arm
S41.8	Open wound of other and unspecified parts of shoulder girdle
S42.0	Fracture of clavicle
S42.1	Fracture of scapula
S42.2	Fracture of upper end of humerus
S42.3	Fracture of shaft of humerus
S42.4	Fracture of lower end of humerus
S42.7	Multiple fractures of clavicle, scapula and humerus
S42.8	Fracture of other parts of shoulder and upper arm
S42.9	Fracture of shoulder girdle, part unspecified
S43.0	Dislocation of shoulder joint

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

S43.1	Dislocation of acromioclavicular joint
S43.2	Dislocation of sternoclavicular joint
S43.3	Dislocation of other and unspecified parts of shoulder girdle
S45.0	Injury of axillary artery
S45.1	Injury of brachial artery
S45.2	Injury of axillary or brachial vein
S45.3	Injury of superficial vein at shoulder and upper arm level
S45.7	Injury of multiple blood vessels at shoulder and upper arm level
S45.8	Injury of other blood vessels at shoulder and upper arm level
S45.9	Injury of unspecified blood vessel at shoulder and upper arm level
S47	Crushing injury of shoulder and upper arm
S48.0	Traumatic amputation at shoulder joint
S48.1	Traumatic amputation at level between shoulder and elbow
S48.9	Traumatic amputation of shoulder and upper arm, level unspecified
S51.0	Open wound of elbow
S51.7	Multiple open wounds of forearm
S51.8	Open wound of other parts of forearm
S51.9	Open wound of forearm, part unspecified
S52.0	Fracture of upper end of ulna
S52.1	Fracture of upper end of radius
S52.2	Fracture of shaft of ulna
S52.3	Fracture of shaft of radius
S52.4	Fracture of shafts of both ulna and radius
S52.5	Fracture of lower end of radius
S52.6	Fracture of lower end of both ulna and radius
S52.7	Multiple fractures of forearm
S52.8	Fracture of other parts of forearm
S52.9	Fracture of forearm, part unspecified
S53.0	Dislocation of radial head
S53.1	Dislocation of elbow, unspecified
S55.0	Injury of ulnar artery at forearm level
S55.1	Injury of radial artery at forearm level
S55.2	Injury of vein at forearm level
S55.7	Injury of multiple blood vessels at forearm level
S55.8	Injury of other blood vessels at forearm level
S55.9	Injury of unspecified blood vessel at forearm level
S57.0	Crushing injury of elbow
S57.8	Crushing injury of other parts of forearm
S57.9	Crushing injury of forearm, part unspecified
S58.0	Traumatic amputation at elbow level
S58.1	Traumatic amputation at level between elbow and wrist
S58.9	Traumatic amputation of forearm, level unspecified
S61.7	Multiple open wounds of wrist and hand

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

S61.8	Open wound of other parts of wrist and hand
S61.9	Open wound of wrist and hand part, part unspecified
S62.0	Fracture of navicular [scaphoid] bone of hand
S62.1	Fracture of other carpal bone(s)
S62.2	Fracture of first metacarpal bone
S62.3	Fracture of other metacarpal bone
S62.4	Multiple fractures of metacarpal bones
S62.8	Fracture of other and unspecified parts of wrist and hand
S63.0	Dislocation of wrist
S65.0	Injury of ulnar artery at wrist and hand level
S65.1	Injury of radial artery at wrist and hand level
S65.2	Injury of superficial palmar arch
S65.3	Injury of deep palmar arch
S65.4	Injury of blood vessel(s) of thumb
S65.5	Injury of blood vessel(s) of other finger
S65.7	Injury of multiple blood vessels at wrist and hand level
S65.8	Injury of other blood vessels at wrist and hand level
S65.9	Injury of unspecified blood vessel at wrist and hand level
S67.0	Crushing injury of thumb and other finger(s)
S67.8	Crushing injury of other and unspecified parts of wrist and hand
S68.3	Combined traumatic amputation of (part of) finger(s) with other parts of wrist and hand
S68.4	Traumatic amputation of hand at wrist level
S68.8	Traumatic amputation of other parts of wrist and hand
S68.9	Traumatic amputation of wrist and hand, level unspecified
S71.0	Open wound of hip
S71.1	Open wound of thigh
S71.7	Multiple open wounds of hip and thigh
S71.8	Open wound of other and unspecified parts of pelvic girdle
S72.0	Fracture of neck of femur
S72.1	Pertrochanteric fracture
S72.2	Subtrochanteric fracture
S72.3	Fracture of shaft of femur
S72.4	Fracture of lower end of femur
S72.7	Multiple fractures of femur
S72.8	Fractures of other parts of femur
S72.9	Fracture of femur, part unspecified
S73.0	Dislocation of hip
S75.0	Injury of femoral artery
S75.1	Injury of femoral vein at hip and thigh level
S75.2	Injury of greater saphenous vein at hip and thigh level
S75.7	Injury of multiple blood vessels at hip and thigh level
S75.8	Injury of other blood vessels at hip and thigh level
S75.9	Injury of unspecified blood vessel at hip and thigh level

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

S77.0	Crushing injury of hip
S77.1	Crushing injury of thigh
S77.2	Crushing injury of hip with thigh
S78.0	Traumatic amputation at hip joint
S78.1	Traumatic amputation at level between hip and knee
S78.9	Traumatic amputation of hip and thigh, level unspecified
S81.0	Open wound of knee
S81.7	Multiple open wounds of lower leg
S81.8	Open wound of other parts of lower leg
S81.9	Open wound of lower leg, part unspecified
S82.0	Fracture of patella
S82.1	Fracture of upper end of tibia
S82.2	Fracture of shaft of tibia
S82.3	Fracture of lower end of tibia
S82.4	Fracture of fibula alone
S82.5	Fracture of medial malleolus
S82.6	Fracture of lateral malleolus
S82.7	Multiple fractures of lower leg
S82.8	Fractures of other parts of lower leg
S82.9	Fracture of lower leg, part unspecified
S83.0	Dislocation of patella
S83.1	Dislocation of knee
S83.2	Tear of meniscus, current
S83.3	Tear of articular cartilage of knee, current
S85.0	Injury of popliteal artery
S85.1	Injury of (anterior)(posterior) tibial artery
S85.2	Injury of peroneal artery
S85.3	Injury of greater saphenous vein at lower leg level
S85.4	Injury of lesser saphenous vein at lower leg level
S85.5	Injury of popliteal vein
S85.7	Injury of multiple blood vessels at lower leg level
S85.8	Injury of other blood vessels at lower leg level
S85.9	Injury of unspecified blood vessel at lower leg level
S87.0	Crushing injury of knee
S87.8	Crushing injury of other and unspecified parts of lower leg
S88.0	Traumatic amputation at knee level
S88.1	Traumatic amputation at level between knee and ankle
S88.9	Traumatic amputation of lower leg, level unspecified
S91.0	Open wound of ankle
S91.3	Open wound of other parts of foot
S91.7	Multiple open wounds of ankle and foot
S92.0	Fracture of calcaneus
S92.1	Fracture of talus

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

S92.2	Fracture of other tarsal bone(s)
S92.3	Fracture of metatarsal bone
S92.4	Fracture of great toe
S92.7	Multiple fractures of foot
S92.9	Fracture of foot, unspecified
S93.0	Dislocation of ankle joint
S93.1	Dislocation of toe(s)
S93.3	Dislocation of other and unspecified parts of foot
S95.0	Injury of dorsal artery of foot
S95.1	Injury of plantar artery of foot
S95.2	Injury of dorsal vein of foot
S95.7	Injury of multiple blood vessels at ankle and foot level
S95.8	Injury of other blood vessels at ankle and foot level
S95.9	Injury of unspecified blood vessel at ankle and foot level
S97.0	Crushing injury of ankle
S97.1	Crushing injury of toe(s)
S97.8	Crushing injury of other parts of ankle and foot
S98.0	Traumatic amputation of foot at ankle level
S98.3	Traumatic amputation of other parts of foot
S98.4	Traumatic amputation of foot, level unspecified
T01.0	Open wounds involving head with neck
T01.1	Open wounds involving thorax with abdomen, lower back and pelvis
T01.2	Open wounds involving multiple regions of upper limb(s)
T01.3	Open wounds involving multiple regions of lower limb(s)
T01.6	Open wounds involving multiple regions of upper limb(s) with lower limb(s)
T01.8	Open wounds involving other combinations of body regions
T01.9	Multiple open wounds, unspecified
T02.0	Fractures involving head with neck
T02.1	Fractures involving thorax with lower back and pelvis
T02.2	Fractures involving multiple regions of one upper limb
T02.3	Fractures involving multiple regions of one lower limb
T02.4	Fractures involving multiple regions of both upper limbs
T02.5	Fractures involving multiple regions of both lower limbs
T02.6	Fractures involving multiple regions of upper limb(s) with lower limb(s)
T02.7	Fractures involving thorax with lower back and pelvis with limb(s)
T02.8	Fractures involving other combinations of body regions
T02.9	Multiple fractures, unspecified
T03.1	Dislocations, sprains and strains involving thorax with lower back and pelvis
T03.2	Dislocations, sprains and strains involving multiple regions of upper limb(s)
T03.3	Dislocations, sprains and strains involving multiple regions of lower limb(s)
T03.4	Dislocations, sprains and strains involving multiple regions of upper limb(s) with lower limb(s)
T03.8	Dislocations, sprains and strains involving other combinations of body regions
T03.9	Multiple dislocations, sprains and strains, unspecified

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

T04.0	Crushing injuries involving head with neck
T04.1	Crushing injuries involving thorax with abdomen, lower back and pelvis
T04.2	Crushing injuries involving multiple regions of upper limb(s)
T04.3	Crushing injuries involving multiple regions of lower limb(s)
T04.4	Crushing injuries involving multiple regions of upper limb(s) with lower limb(s)
T04.7	Crushing injuries of thorax with abdomen, lower back and pelvis with limb(s)
T04.8	Crushing injuries involving other combinations of body regions
T04.9	Multiple crushing injuries, unspecified
T05.0	Traumatic amputation of both hands
T05.1	Traumatic amputation of one hand and other arm [any level, except hand]
T05.2	Traumatic amputation of both arms [any level]
T05.3	Traumatic amputation of both feet
T05.4	Traumatic amputation of one foot and other leg [any level, except foot]
T05.5	Traumatic amputation of both legs [any level]
T05.6	Traumatic amputation of upper and lower limbs, any combination [any level]
T05.8	Traumatic amputations involving other combinations of body regions
T05.9	Multiple traumatic amputations, unspecified
T06.1	Injuries of nerves and spinal cord involving other multiple body regions
T06.3	Injuries of blood vessels involving multiple body regions
T06.5	Injuries of intrathoracic organs with intra-abdominal and pelvic organs
T08.0	Fracture of spine, level unspecified, closed
T08.1	Fracture of spine, level unspecified, open
T09.1	Open wound of trunk, level unspecified
T09.2	Dislocation, sprain and strain of unspecified joint and ligament of trunk
T09.3	Injury of spinal cord, level unspecified
T09.4	Injury of unspecified nerve, spinal nerve root and plexus of trunk
T09.6	Traumatic amputation of trunk, level unspecified
T10.0	Fracture of upper limb, level unspecified, closed
T10.1	Fracture of upper limb, level unspecified, open
T11.1	Open wound of upper limb, level unspecified
T11.2	Dislocation, sprain and strain of unspecified joint and ligament of upper limb, level unspecified
T11.4	Injury of unspecified blood vessel of upper limb, level unspecified
T11.6	Traumatic amputation of upper limb, level unspecified
T12.0	Fracture of lower limb, level unspecified, closed
T12.1	Fracture of lower limb, level unspecified, open
T13.1	Open wound of lower limb, level unspecified
T13.2	Dislocation, sprain and strain of unspecified joint and ligament of lower limb, level unspecified
T13.4	Injury of unspecified blood vessel of lower limb, level unspecified
T13.6	Traumatic amputation of lower limb, level unspecified
T14.1	Open wound of unspecified body region
T14.2	Fracture of unspecified body region
T14.3	Dislocation, sprain and strain of unspecified body region
T14.5	Injury of blood vessel(s) of unspecified body region

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

T14.7	Crushing injury and traumatic amputation of unspecified body region
T14.8	Other injuries of unspecified body region
T14.9	Injury, unspecified
T20.0	Burn of unspecified degree of head and neck
T20.1	Burn of first degree of head and neck
T20.2	Burn of second degree of head and neck
T20.3	Burn of third degree of head and neck
T20.4	Corrosion of unspecified degree of head and neck
T20.5	Corrosion of first degree of head and neck
T20.6	Corrosion of second degree of head and neck
T20.7	Corrosion of third degree of head and neck
T21.0	Burn of unspecified degree of trunk
T21.1	Burn of first degree of trunk
T21.2	Burn of second degree of trunk
T21.3	Burn of third degree of trunk
T21.4	Corrosion of unspecified degree of trunk
T21.5	Corrosion of first degree of trunk
T21.6	Corrosion of second degree of trunk
T21.7	Corrosion of third degree of trunk
T22.0	Burn of unspecified degree of shoulder and upper limb, except wrist and hand
T22.1	Burn of first degree of shoulder and upper limb, except wrist and hand
T22.2	Burn of second degree of shoulder and upper limb, except wrist and hand
T22.3	Burn of third degree of shoulder and upper limb, except wrist and hand
T22.4	Corrosion of unspecified degree of shoulder and upper limb, except wrist and hand
T22.5	Corrosion of first degree of shoulder and upper limb, except wrist and hand
T22.6	Corrosion of second degree of shoulder and upper limb, except wrist and hand
T22.7	Corrosion of third degree of shoulder and upper limb, except wrist and hand
T23.0	Burn of unspecified degree of wrist and hand
T23.1	Burn of first degree of wrist and hand
T23.2	Burn of second degree of wrist and hand
T23.3	Burn of third degree of wrist and hand
T23.4	Corrosion of unspecified degree of wrist and hand
T23.5	Corrosion of first degree of wrist and hand
T23.6	Corrosion of second degree of wrist and hand
T23.7	Corrosion of third degree of wrist and hand
T24.0	Burn of unspecified degree of hip and lower limb, except ankle and foot
T24.1	Burn of first degree of hip and lower limb, except ankle and foot
T24.2	Burn of second degree of hip and lower limb, except ankle and foot
T24.3	Burn of third degree of hip and lower limb, except ankle and foot
T24.4	Corrosion of unspecified degree of hip and lower limb, except ankle and foot
T24.5	Corrosion of first degree of hip and lower limb, except ankle and foot
T24.6	Corrosion of second degree of hip and lower limb, except ankle and foot
T24.7	Corrosion of third degree of hip and lower limb, except ankle and foot

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

T25.0	Burn of unspecified degree of ankle and foot
T25.1	Burn of first degree of ankle and foot
T25.2	Burn of second degree of ankle and foot
T25.3	Burn of third degree of ankle and foot
T25.4	Corrosion of unspecified degree of ankle and foot
T25.5	Corrosion of first degree of ankle and foot
T25.6	Corrosion of second degree of ankle and foot
T25.7	Corrosion of third degree of ankle and foot
T26.0	Burn of eyelid and periocular area
T26.1	Burn of cornea and conjunctival sac
T26.2	Burn with resulting rupture and destruction of eyeball
T26.3	Burn of other parts of eye and adnexa
T26.4	Burn of eye and adnexa, part unspecified
T26.5	Corrosion of eyelid and periocular area
T26.6	Corrosion of cornea and conjunctival sac
T26.7	Corrosion with resulting rupture and destruction of eyeball
T26.8	Corrosion of other parts of eye and adnexa
T26.9	Corrosion of eye and adnexa, part unspecified
T27.0	Burn of larynx and trachea
T27.1	Burn involving larynx and trachea with lung
T27.2	Burn of other parts of respiratory tract
T27.3	Burn of respiratory tract, part unspecified
T27.4	Corrosion of larynx and trachea
T27.5	Corrosion involving larynx and trachea with lung
T27.6	Corrosion of other parts of respiratory tract
T27.7	Corrosion of respiratory tract, part unspecified
T28.0	Burn of mouth and pharynx
T28.1	Burn of oesophagus
T28.2	Burn of other parts of alimentary tract
T28.3	Burn of internal genitourinary organs
T28.4	Burn of other and unspecified internal organs
T28.5	Corrosion of mouth and pharynx
T28.6	Corrosion of oesophagus
T28.7	Corrosion of other parts of alimentary tract
T28.8	Corrosion of internal genitourinary organs
T28.9	Corrosion of other and unspecified internal organs
T29.0	Burns of multiple regions, unspecified degree
T29.1	Burns of multiple regions, no more than first-degree burns mentioned
T29.2	Burns of multiple regions, no more than second-degree burns mentioned
T29.3	Burns of multiple regions, at least one burn of third degree mentioned
T29.4	Corrosions of multiple regions, unspecified degree
T29.5	Corrosions of multiple regions, no more than first-degree corrosions mentioned
T29.6	Corrosions of multiple regions, no more than second-degree corrosions mentioned

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

T29.7	Corrosions of multiple regions, at least one corrosion of third degree mentioned
T30.0	Burn of unspecified body region, unspecified degree
T30.1	Burn of first degree, body region unspecified
T30.2	Burn of second degree, body region unspecified
T30.3	Burn of third degree, body region unspecified
T30.4	Corrosion of unspecified body region, unspecified degree
T30.5	Corrosion of first degree, body region unspecified
T30.6	Corrosion of second degree, body region unspecified
T30.7	Corrosion of third degree, body region unspecified
T36.0	Poisoning: Penicillins
T36.1	Poisoning: Cephalosporins and other beta-lactam antibiotics
T36.2	Poisoning: Chloramphenicol group
T36.3	Poisoning: Macrolides
T36.4	Poisoning: Tetracyclines
T36.5	Poisoning: Aminoglycosides
T36.6	Poisoning: Rifamycins
T36.7	Poisoning: Antifungal antibiotics, systemically used
T36.8	Poisoning: Other systemic antibiotics
T36.9	Poisoning: Systemic antibiotic, unspecified
T37.0	Poisoning: Sulfonamides
T37.1	Poisoning: Antimycobacterial drugs
T37.2	Poisoning: Antimalarials and drugs acting on other blood protozoa
T37.3	Poisoning: Other antiprotozoal drugs
T37.4	Poisoning: Anthelmintics
T37.5	Poisoning: Antiviral drugs
T37.8	Poisoning: Other specified systemic anti-infectives and antiparasitics
T37.9	Poisoning: Systemic anti-infective and antiparasitic, unspecified
T38.0	Poisoning: Glucocorticoids and synthetic analogues
T38.1	Poisoning: Thyroid hormones and substitutes
T38.2	Poisoning: Antithyroid drugs
T38.3	Poisoning: Insulin and oral hypoglycaemic [antidiabetic] drugs
T38.4	Poisoning: Oral contraceptives
T38.5	Poisoning: Other estrogens and progestogens
T38.6	Poisoning: Antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified
T38.7	Poisoning: Androgens and anabolic congeners
T38.8	Poisoning: Other and unspecified hormones and their synthetic substitutes
T38.9	Poisoning: Other and unspecified hormone antagonists
T39.0	Poisoning: Salicylates
T39.1	Poisoning: 4-Aminophenol derivatives
T39.2	Poisoning: Pyrazolone derivatives
T39.3	Poisoning: Other nonsteroidal anti-inflammatory drugs [NSAID]
T39.4	Poisoning: Antirheumatics, not elsewhere classified
T39.8	Poisoning: Other nonopioid analgesics and antipyretics, not elsewhere classified

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

T39.9	Poisoning: Nonopioid analgesic, antipyretic and antirheumatic, unspecified
T40.0	Poisoning: Opium
T40.1	Poisoning: Heroin
T40.2	Poisoning: Other opioids
T40.3	Poisoning: Methadone
T40.4	Poisoning: Other synthetic narcotics
T40.5	Poisoning: Cocaine
T40.6	Poisoning: Other and unspecified narcotics
T40.7	Poisoning: Cannabis (derivatives)
T40.8	Poisoning: Lysergide [LSD]
T40.9	Poisoning: Other and unspecified psychodysleptics [hallucinogens]
T41.0	Poisoning: Inhaled anaesthetics
T41.1	Poisoning: Intravenous anaesthetics
T41.2	Poisoning: Other and unspecified general anaesthetics
T41.3	Poisoning: Local anaesthetics
T41.4	Poisoning: Anaesthetic, unspecified
T41.5	Poisoning: Therapeutic gases
T42.0	Poisoning: Hydantoin derivatives
T42.1	Poisoning: Iminostilbenes
T42.2	Poisoning: Succinimides and oxazolidinediones
T42.3	Poisoning: Barbiturates
T42.4	Poisoning: Benzodiazepines
T42.5	Poisoning: Mixed antiepileptics, not elsewhere classified
T42.6	Poisoning: Other antiepileptic and sedative-hypnotic drugs
T42.7	Poisoning: Antiepileptic and sedative-hypnotic drugs, unspecified
T42.8	Poisoning: Antiparkinsonism drugs and other central muscle-tone depressants
T43.0	Poisoning: Tricyclic and tetracyclic antidepressants
T43.1	Poisoning: Monoamine-oxidase-inhibitor antidepressants
T43.2	Poisoning: Other and unspecified antidepressants
T43.3	Poisoning: Phenthiazine antipsychotics and neuroleptics
T43.4	Poisoning: Butyrophenone and thioxanthene neuroleptics
T43.5	Poisoning: Other and unspecified antipsychotics and neuroleptics
T43.6	Poisoning: Psychostimulants with abuse potential
T43.8	Poisoning: Other psychotropic drugs, not elsewhere classified
T43.9	Poisoning: Psychotropic drug, unspecified
T44.0	Poisoning: Anticholinesterase agents
T44.1	Poisoning: Other parasympathomimetics [cholinergics]
T44.2	Poisoning: Ganglionic blocking drugs, not elsewhere classified
T44.3	Poisoning: Other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, not elsewhere classified
T44.4	Poisoning: Predominantly alpha-adrenoreceptor agonists, not elsewhere classified
T44.5	Poisoning: Predominantly beta-adrenoreceptor agonists, not elsewhere classified
T44.6	Poisoning: Alpha-adrenoreceptor antagonists, not elsewhere classified

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

T44.7	Poisoning: Beta-adrenoreceptor antagonists, not elsewhere classified
T44.8	Poisoning: Centrally acting and adrenergic-neuron-blocking agents, not elsewhere classified
T44.9	Poisoning: Other and unspecified drugs primarily affecting the autonomic nervous system
T45.0	Poisoning: Antiallergic and antiemetic drugs
T45.1	Poisoning: Antineoplastic and immunosuppressive drugs
T45.2	Poisoning: Vitamins, not elsewhere classified
T45.3	Poisoning: Enzymes, not elsewhere classified
T45.4	Poisoning: Iron and its compounds
T45.5	Poisoning: Anticoagulants
T45.6	Poisoning: Fibrinolysis-affecting drugs
T45.7	Poisoning: Anticoagulant antagonists, vitamin K and other coagulants
T45.8	Poisoning: Other primarily systemic and haematological agents
T45.9	Poisoning: Primarily systemic and haematological agent, unspecified
T46.0	Poisoning: Cardiac-stimulant glycosides and drugs of similar action
T46.1	Poisoning: Calcium-channel blockers
T46.2	Poisoning: Other antidysrhythmic drugs, not elsewhere classified
T46.3	Poisoning: Coronary vasodilators, not elsewhere classified
T46.4	Poisoning: Angiotensin-converting-enzyme inhibitors
T46.5	Poisoning: Other antihypertensive drugs, not elsewhere classified
T46.6	Poisoning: Antihyperlipidaemic and antiarteriosclerotic drugs
T46.7	Poisoning: Peripheral vasodilators
T46.8	Poisoning: Antivaricose drugs, including sclerosing agents
T46.9	Poisoning: Other and unspecified agents primarily affecting the cardiovascular system
T47.0	Poisoning: Histamine H ₂ -receptor antagonists
T47.1	Poisoning: Other antacids and anti-gastric-secretion drugs
T47.2	Poisoning: Stimulant laxatives
T47.3	Poisoning: Saline and osmotic laxatives
T47.4	Poisoning: Other laxatives
T47.5	Poisoning: Digestants
T47.6	Poisoning: Antidiarrhoeal drugs
T47.7	Poisoning: Emetics
T47.8	Poisoning: Other agents primarily affecting the gastrointestinal system
T47.9	Poisoning: Agent primarily affecting the gastrointestinal system, unspecified
T48.0	Poisoning: Oxytocic drugs
T48.1	Poisoning: Skeletal muscle relaxants [neuromuscular blocking agents]
T48.2	Poisoning: Other and unspecified agents primarily acting on muscles
T48.3	Poisoning: Antitussives
T48.4	Poisoning: Expectorants
T48.5	Poisoning: Anti-common-cold drugs
T48.6	Poisoning: Antiasthmatics, not elsewhere classified
T48.7	Poisoning: Other and unspecified agents primarily acting on the respiratory system
T49.0	Poisoning: Local antifungal, anti-infective and anti-inflammatory drugs, not elsewhere classified

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

T49.1	Poisoning: Antipruritics
T49.2	Poisoning: Local astringents and local detergents
T49.3	Poisoning: Emollients, demulcents and protectants
T49.4	Poisoning: Keratolytics, keratoplastics and other hair treatment drugs and preparations
T49.5	Poisoning: Ophthalmological drugs and preparations
T49.6	Poisoning: Otorhinolaryngological drugs and preparations
T49.7	Poisoning: Dental drugs, topically applied
T49.8	Poisoning: Other topical agents
T49.9	Poisoning: Topical agent, unspecified
T50.0	Poisoning: Mineralocorticoids and their antagonists
T50.1	Poisoning: Loop [high-ceiling] diuretics
T50.2	Poisoning: Carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics
T50.3	Poisoning: Electrolytic, caloric and water-balance agents
T50.4	Poisoning: Drugs affecting uric acid metabolism
T50.5	Poisoning: Appetite depressants
T50.6	Poisoning: Antidotes and chelating agents, not elsewhere classified
T50.7	Poisoning: Analeptics and opioid receptor antagonists
T50.8	Poisoning: Diagnostic agents
T50.9	Poisoning: Other and unspecified drugs, medicaments and biological substances
T79.0	Air embolism (traumatic)
T79.1	Fat embolism (traumatic)
T79.2	Traumatic secondary and recurrent haemorrhage
T79.3	Post-traumatic wound infection, not elsewhere classified
T79.4	Traumatic shock
T79.5	Traumatic anuria
T79.6	Traumatic ischaemia of muscle
T79.7	Traumatic subcutaneous emphysema
T79.8	Other early complications of trauma
T79.9	Unspecified early complication of trauma
X40	Accidental poisoning by and exposure to nonopioid analgesics, antipyretics and antirheumatics
X41	Accidental poisoning by and exposure to antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified
X42	Accidental poisoning by and exposure to narcotics and psychodysleptics [hallucinogens], not elsewhere classified
X43	Accidental poisoning by and exposure to other drugs acting on the autonomic nervous system
X44	Accidental poisoning by and exposure to other and unspecified drugs, medicaments and biological substances
X45	Accidental poisoning by and exposure to alcohol
X46	Accidental poisoning by and exposure to organic solvents and halogenated hydrocarbons and their vapours
X47	Accidental poisoning by and exposure to other gases and vapours
X48	Accidental poisoning by and exposure to pesticides
X49	Accidental poisoning by and exposure to other and unspecified chemicals and noxious substances

W-8: ICD-10-WHO codes for seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury**Denominator exclusion, if principal diagnosis (continued)**

X66	Intentional self-poisoning by and exposure to organic solvents and halogenated hydrocarbons and their vapours
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W-9: ICD-10-WHO codes for metastatic cancer, lymphoid malignancy or bone malignancy:**Denominator exclusion, if principal diagnosis or secondary diagnosis**

X67	Intentional self-poisoning by and exposure to other gases and vapours
Y10	Poisoning by and exposure to nonopioid analgesics, antipyretics and antirheumatics, undetermined intent
Y11	Poisoning by and exposure to antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified, undetermined intent
Y12	Poisoning by and exposure to narcotics and psychodysleptics [hallucinogens], not elsewhere classified, undetermined intent
Y13	Poisoning by and exposure to other drugs acting on the autonomic nervous system, undetermined intent
Y14	Poisoning by and exposure to other and unspecified drugs, medicaments and biological substances, undetermined intent
Y15	Poisoning by and exposure to alcohol, undetermined intent
Y16	Poisoning by and exposure to organic solvents and halogenated hydrocarbons and their vapours, undetermined intent
Y17	Poisoning by and exposure to other gases and vapours, undetermined intent
C40.0	Malignant neoplasm: Scapula and long bones of upper limb
C40.1	Malignant neoplasm: Short bones of upper limb
C40.2	Malignant neoplasm: Long bones of lower limb
C40.3	Malignant neoplasm: Short bones of lower limb
C40.8	Malignant neoplasm: Overlapping lesion of bone and articular cartilage of limbs
C40.9	Malignant neoplasm: Bone and articular cartilage of limb, unspecified
C41.0	Malignant neoplasm: Bones of skull and face
C41.1	Malignant neoplasm: Mandible
C41.2	Malignant neoplasm: Vertebral column
C41.3	Malignant neoplasm: Ribs, sternum and clavicle
C41.4	Malignant neoplasm: Pelvic bones, sacrum and coccyx
C41.8	Malignant neoplasm: Overlapping lesion of bone and articular cartilage
C41.9	Malignant neoplasm: Bone and articular cartilage, unspecified
C46.8	Kaposi's sarcoma of multiple organs
C77.0	Secondary and unspecified malignant neoplasm: Lymph nodes of head, face and neck
C77.1	Secondary and unspecified malignant neoplasm: Intrathoracic lymph nodes
C77.2	Secondary and unspecified malignant neoplasm: Intra-abdominal lymph nodes
C77.3	Secondary and unspecified malignant neoplasm: Axillary and upper limb lymph nodes
C77.4	Secondary and unspecified malignant neoplasm: Inguinal and lower limb lymph nodes
C77.5	Secondary and unspecified malignant neoplasm: Intrapelvic lymph nodes
C77.8	Secondary and unspecified malignant neoplasm: Lymph nodes of multiple regions
C77.9	Secondary and unspecified malignant neoplasm: Lymph node, unspecified

W-9:ICD-10-WHO codes for metastatic cancer, lymphoid malignancy or bone malignancy:**Denominator exclusion, if principal diagnosis or secondary diagnosis (continued).**

C78.0	Secondary malignant neoplasm of lung
C78.1	Secondary malignant neoplasm of mediastinum
C78.2	Secondary malignant neoplasm of pleura
C78.3	Secondary malignant neoplasm of other and unspecified respiratory organs
C78.4	Secondary malignant neoplasm of small intestine
C78.5	Secondary malignant neoplasm of large intestine and rectum
C78.6	Secondary malignant neoplasm of retroperitoneum and peritoneum
C78.7	Secondary malignant neoplasm of liver
C78.8	Secondary malignant neoplasm of other and unspecified digestive organs
C79.0	Secondary malignant neoplasm of kidney and renal pelvis
C79.1	Secondary malignant neoplasm of bladder and other and unspecified urinary organs
C79.2	Secondary malignant neoplasm of skin
C79.3	Secondary malignant neoplasm of brain and cerebral meninges
C79.4	Secondary malignant neoplasm of other and unspecified parts of nervous system
C79.5	Secondary malignant neoplasm of bone and bone marrow
C79.6	Secondary malignant neoplasm of ovary
C79.7	Secondary malignant neoplasm of adrenal gland
C79.8	Secondary malignant neoplasm of other specified sites
C80	Malignant neoplasm without specification of site
C81.0	Hodgkin's disease: Lymphocytic predominance
C81.1	Hodgkin's disease: Nodular sclerosis
C81.2	Hodgkin's disease: Mixed cellularity
C81.3	Hodgkin's disease: Lymphocytic depletion
C81.7	Hodgkin's disease: Other Hodgkin's disease
C81.9	Hodgkin's disease: Hodgkin's disease, unspecified
C82.0	Non-Hodgkin's lymphoma: Small cleaved cell, follicular
C82.1	Non-Hodgkin's lymphoma: Mixed small cleaved and large cell, follicular
C82.2	Non-Hodgkin's lymphoma: Large cell, follicular
C82.7	Other types of follicular non-Hodgkin's lymphoma
C82.9	Follicular non-Hodgkin's lymphoma, unspecified
C83.0	Non-Hodgkin's lymphoma: Small cell (diffuse)
C83.1	Non-Hodgkin's lymphoma: Small cleaved cell (diffuse)
C83.2	Non-Hodgkin's lymphoma: Mixed small and large cell (diffuse)
C83.3	Non-Hodgkin's lymphoma: Large cell (diffuse)
C83.4	Non-Hodgkin's lymphoma: Immunoblastic (diffuse)
C83.5	Non-Hodgkin's lymphoma: Lymphoblastic (diffuse)
C83.6	Non-Hodgkin's lymphoma: Undifferentiated (diffuse)
C83.7	Burkitt's tumour
C83.8	Other types of diffuse non-Hodgkin's lymphoma
C83.9	Diffuse non-Hodgkin's lymphoma, unspecified
C84.0	Mycosis fungoides
C84.1	Sezary's disease
C84.2	T-zone lymphoma

W-9:ICD-10-WHO codes for metastatic cancer, lymphoid malignancy or bone malignancy:**Denominator exclusion, if principal diagnosis or secondary diagnosis (continued).**

C84.3	Lymphoepithelioid lymphoma
C84.4	Peripheral T-cell lymphoma
C84.5	Other and unspecified T-cell lymphomas
C85.0	Lymphosarcoma
C85.1	B-cell lymphoma, unspecified
C85.7	Other specified types of non-Hodgkin's lymphoma
C85.9	Non-Hodgkin's lymphoma, unspecified type
C88.3	Immunoproliferative small intestinal disease
C88.7	Other malignant immunoproliferative diseases
C88.9	Malignant immunoproliferative disease, unspecified
C90.0	Multiple myeloma
C90.1	Plasma cell leukaemia
C90.2	Plasmacytoma, extramedullary
C91.0	Acute lymphoblastic leukaemia
C91.1	Chronic lymphocytic leukaemia
C91.2	Subacute lymphocytic leukaemia
C91.3	Prolymphocytic leukaemia
C91.4	Hairy-cell leukaemia
C91.5	Adult T-cell leukaemia
C91.7	Other lymphoid leukaemia
C91.9	Lymphoid leukaemia, unspecified
C92.0	Acute myeloid leukaemia
C92.1	Chronic myeloid leukaemia
C92.2	Subacute myeloid leukaemia
C92.3	Myeloid sarcoma
C92.4	Acute promyelocytic leukaemia
C92.5	Acute myelomonocytic leukaemia
C92.7	Other myeloid leukaemia
C92.9	Myeloid leukaemia, unspecified
C93.0	Acute monocytic leukaemia
C93.1	Chronic monocytic leukaemia
C93.2	Subacute monocytic leukaemia
C93.7	Other monocytic leukaemia
C93.9	Monocytic leukaemia, unspecified
C94.0	Acute erythraemia and erythroleukaemia
C94.1	Chronic erythraemia
C94.2	Acute megakaryoblastic leukaemia
C94.3	Mast cell leukaemia
C94.7	Other specified leukaemias
C95.0	Acute leukaemia of unspecified cell type
C95.1	Chronic leukaemia of unspecified cell type
C95.2	Subacute leukaemia of unspecified cell type
C95.7	Other leukaemia of unspecified cell type
C95.9	Leukaemia, unspecified
C96.0	Letterer-Siwe disease

W-9:ICD-10-WHO codes for metastatic cancer, lymphoid malignancy or bone malignancy:**Denominator exclusion, if principal diagnosis or secondary diagnosis (continued).**

C96.1	Malignant histiocytosis
C96.2	Malignant mast cell tumour
C96.3	True histiocytic lymphoma
C96.7	Other specified malignant neoplasms of lymphoid, haematopoietic and related tissue
C96.9	Malignant neoplasm of lymphoid, haematopoietic and related tissue, unspecified
C97	Malignant neoplasms of independent (primary) multiple sites

W-10: ICD-10-WHO codes for infections: Postoperative sepsis**Denominator exclusion, if principal diagnosis**

A00.0	Cholera due to <i>Vibrio cholerae</i> 01, biovar cholerae
A00.1	Cholera due to <i>Vibrio cholerae</i> 01, biovar eltor
A00.9	Cholera, unspecified
A01.0	Typhoid fever
A01.1	Paratyphoid fever A
A01.2	Paratyphoid fever B
A01.3	Paratyphoid fever C
A01.4	Paratyphoid fever, unspecified
A02.0	Salmonella enteritis
A02.1	Salmonella septicaemia
A02.2	Localized salmonella infections
A02.8	Other specified salmonella infections
A02.9	Salmonella infection, unspecified
A03.0	Shigellosis due to <i>Shigella dysenteriae</i>
A03.1	Shigellosis due to <i>Shigella flexneri</i>
A03.2	Shigellosis due to <i>Shigella boydii</i>
A03.3	Shigellosis due to <i>Shigella sonnei</i>
A03.8	Other shigellosis
A03.9	Shigellosis, unspecified
A04.0	Enteropathogenic <i>Escherichia coli</i> infection
A04.1	Enterotoxigenic <i>Escherichia coli</i> infection
A04.2	Enteroinvasive <i>Escherichia coli</i> infection
A04.3	Enterohaemorrhagic <i>Escherichia coli</i> infection
A04.4	Other intestinal <i>Escherichia coli</i> infections
A04.5	<i>Campylobacter</i> enteritis
A04.6	Enteritis due to <i>Yersinia enterocolitica</i>
A04.7	Enterocolitis due to <i>Clostridium difficile</i>
A04.8	Other specified bacterial intestinal infections
A04.9	Bacterial intestinal infection, unspecified
A05.0	Foodborne staphylococcal intoxication
A05.1	Botulism
A05.2	Foodborne <i>Clostridium perfringens</i> [<i>Clostridium welchii</i>] intoxication
A05.3	Foodborne <i>Vibrio parahaemolyticus</i> intoxication
A05.4	Foodborne <i>Bacillus cereus</i> intoxication
A05.8	Other specified bacterial foodborne intoxications

W-10: ICD-10-WHO codes for infections: Postoperative sepsis**Denominator exclusion, if principal diagnosis (continued).**

A05.9	Bacterial foodborne intoxication, unspecified
A20.0	Bubonic plague
A20.1	Cellulocutaneous plague
A20.2	Pneumonic plague
A20.3	Plague meningitis
A20.7	Septicaemic plague
A20.8	Other forms of plague
A20.9	Plague, unspecified
A21.0	Ulceroglandular tularaemia
A21.1	Oculoglandular tularaemia
A21.2	Pulmonary tularaemia
A21.3	Gastrointestinal tularaemia
A21.7	Generalized tularaemia
A21.8	Other forms of tularaemia
A21.9	Tularaemia, unspecified
A22.0	Cutaneous anthrax
A22.1	Pulmonary anthrax
A22.2	Gastrointestinal anthrax
A22.7	Anthrax septicaemia
A22.8	Other forms of anthrax
A22.9	Anthrax, unspecified
A23.0	Brucellosis due to <i>Brucella melitensis</i>
A23.1	Brucellosis due to <i>Brucella abortus</i>
A23.2	Brucellosis due to <i>Brucella suis</i>
A23.3	Brucellosis due to <i>Brucella canis</i>
A23.8	Other brucellosis
A23.9	Brucellosis, unspecified
A24.0	Glanders
A24.1	Acute and fulminating melioidosis
A24.2	Subacute and chronic melioidosis
A24.3	Other melioidosis
A24.4	Melioidosis, unspecified
A25.0	Spirillosis
A25.1	Streptobacillosis
A25.9	Rat-bite fever, unspecified
A26.0	Cutaneous erysipeloid
A26.7	Erysipelothrix septicaemia
A26.8	Other forms of erysipeloid
A26.9	Erysipeloid, unspecified
A28.0	Pasteurellosis
A28.1	Cat-scratch disease
A28.2	Extraintestinal yersiniosis
A28.8	Other specified zoonotic bacterial diseases, not elsewhere classified

W-10: ICD-10-WHO codes for infections: Postoperative sepsis**Denominator exclusion, if principal diagnosis (continued).**

A28.9	Zoonotic bacterial disease, unspecified
A32.0	Cutaneous listeriosis
A32.1	Listerial meningitis and meningoencephalitis
A32.7	Listerial septicaemia
A32.8	Other forms of listeriosis
A32.9	Listeriosis, unspecified
A33	Tetanus neonatorum
A34	Obstetrical tetanus
A35	Other tetanus
A36.0	Pharyngeal diphtheria
A36.1	Nasopharyngeal diphtheria
A36.2	Laryngeal diphtheria
A36.3	Cutaneous diphtheria
A36.8	Other diphtheria
A36.9	Diphtheria, unspecified
A37.0	Whooping cough due to <i>Bordetella pertussis</i>
A37.1	Whooping cough due to <i>Bordetella parapertussis</i>
A37.8	Whooping cough due to other <i>Bordetella</i> species
A37.9	Whooping cough, unspecified
A38	Scarlet fever
A39.0	Meningococcal meningitis
A39.1	Waterhouse-Friderichsen syndrome
A39.2	Acute meningococcaemia
A39.3	Chronic meningococcaemia
A39.4	Meningococcaemia, unspecified
A39.5	Meningococcal heart disease
A39.8	Other meningococcal infections
A39.9	Meningococcal infection, unspecified
A40.0	Septicaemia due to streptococcus, group A
A40.1	Septicaemia due to streptococcus, group B
A40.2	Septicaemia due to streptococcus, group D
A40.3	Septicaemia due to <i>Streptococcus pneumoniae</i>
A40.8	Other streptococcal septicaemia
A40.9	Streptococcal septicaemia, unspecified
A41.0	Septicaemia due to <i>Staphylococcus aureus</i>
A41.1	Septicaemia due to other specified staphylococcus
A41.2	Septicaemia due to unspecified staphylococcus
A41.3	Septicaemia due to <i>Haemophilus influenzae</i>
A41.4	Septicaemia due to anaerobes
A41.5	Septicaemia due to other Gram-negative organisms
A41.8	Other specified septicaemia
A41.9	Septicaemia, unspecified
A42.0	Pulmonary actinomycosis
A42.1	Abdominal actinomycosis
A42.2	Cervicofacial actinomycosis

W-10: ICD-10-WHO codes for infections: Postoperative sepsis**Denominator exclusion, if principal diagnosis (continued).**

A42.7	Actinomycotic septicaemia
A42.8	Other forms of actinomycosis
A42.9	Actinomycosis, unspecified
A43.0	Pulmonary nocardiosis
A43.1	Cutaneous nocardiosis
A43.8	Other forms of nocardiosis
A43.9	Nocardiosis, unspecified
A46	Erysipelas
A48.0	Gas gangrene
A48.1	Legionnaires' disease
A48.2	Nonpneumonic Legionnaires' disease [Pontiac fever]
A48.3	Toxic shock syndrome
A48.4	Brazilian purpuric fever
A48.8	Other specified bacterial diseases
A49.0	Staphylococcal infection, unspecified
A49.1	Streptococcal infection, unspecified
A49.2	Haemophilus influenzae infection, unspecified
A49.3	Mycoplasma infection, unspecified
A49.8	Other bacterial infections of unspecified site
A49.9	Bacterial infection, unspecified
A54.0	Gonococcal infection of lower genitourinary tract without periurethral or accessory gland abscess
A54.1	Gonococcal infection of lower genitourinary tract with periurethral and accessory gland abscess
A54.2	Gonococcal pelviperitonitis and other gonococcal genitourinary infections
A54.3	Gonococcal infection of eye
A54.4	Gonococcal infection of musculoskeletal system
A54.5	Gonococcal pharyngitis
A54.6	Gonococcal infection of anus and rectum
A54.8	Other gonococcal infections
A54.9	Gonococcal infection, unspecified
B95.0	Streptococcus, group A, as the cause of diseases classified to other chapters
B95.1	Streptococcus, group B, as the cause of diseases classified to other chapters
B95.2	Streptococcus, group D, as the cause of diseases classified to other chapters
B95.3	Streptococcus pneumoniae as the cause of diseases classified to other chapters
B95.4	Other streptococcus as the cause of diseases classified to other chapters
B95.5	Unspecified streptococcus as the cause of diseases classified to other chapters
B95.6	Staphylococcus aureus as the cause of diseases classified to other chapters
B95.7	Other staphylococcus as the cause of diseases classified to other chapters
B95.8	Unspecified staphylococcus as the cause of diseases classified to other chapters
B96.0	Mycoplasma pneumoniae [M. pneumoniae] as the cause of diseases classified to other chapters
B96.1	Klebsiella pneumoniae [K. pneumoniae] as the cause of diseases classified to other chapters
B96.2	Escherichia coli [E. coli] as the cause of diseases classified to other chapters
B96.3	Haemophilus influenzae [H. influenzae] as the cause of diseases classified to other chapters
B96.4	Proteus (mirabilis)(morganii) as the cause of diseases classified to other chapters

W-10: ICD-10-WHO codes for infections: Postoperative sepsis**Denominator exclusion, if principal diagnosis (continued).**

B96.5	Pseudomonas (aeruginosa)(mallei)(pseudomallei) as the cause of diseases classified to other chapters
B96.6	Bacillus fragilis [B. fragilis] as the cause of diseases classified to other chapters
B96.7	Clostridium perfringens [C. perfringens] as the cause of diseases classified to other chapters
B96.8	Other specified bacterial agents as the cause of diseases classified to other chapters
D73.3	Abscess of spleen
E32.1	Abscess of thymus
G00.0	Haemophilus meningitis
G00.1	Pneumococcal meningitis
G00.2	Streptococcal meningitis
G00.3	Staphylococcal meningitis
G00.8	Other bacterial meningitis
G00.9	Bacterial meningitis, unspecified
G03.8	Meningitis due to other specified causes
G03.9	Meningitis, unspecified
G04.2	Bacterial meningoencephalitis and meningomyelitis, not elsewhere classified
G06.0	Intracranial abscess and granuloma
G06.1	Intraspinal abscess and granuloma
G06.2	Extradural and subdural abscess, unspecified
G07	Intracranial and intraspinal abscess and granuloma in diseases classified elsewhere
H00.0	Hordeolum and other deep inflammation of eyelid
H01.0	Blepharitis
H01.8	Other specified inflammation of eyelid
H04.0	Dacryoadenitis
H04.3	Acute and unspecified inflammation of lacrimal passages
H04.4	Chronic inflammation of lacrimal passages
H05.0	Acute inflammation of orbit
H10.0	Mucopurulent conjunctivitis
H10.2	Other acute conjunctivitis
H10.3	Acute conjunctivitis, unspecified
H10.5	Blepharoconjunctivitis
H10.8	Other conjunctivitis
H10.9	Conjunctivitis, unspecified
H13.1	Conjunctivitis in infectious and parasitic diseases classified elsewhere
H44.0	Purulent endophthalmitis
H60.0	Abscess of external ear
H60.1	Cellulitis of external ear
H60.2	Malignant otitis externa
H60.3	Other infective otitis externa
H60.9	Otitis externa, unspecified
H66.0	Acute suppurative otitis media
H66.1	Chronic tubotympanic suppurative otitis media
H66.2	Chronic atticotympanic suppurative otitis media
H66.3	Other chronic suppurative otitis media
H66.4	Suppurative otitis media, unspecified

W-10: ICD-10-WHO codes for infections: Postoperative sepsis**Denominator exclusion, if principal diagnosis (continued).**

H66.9	Otitis media, unspecified
H68.0	Eustachian salpingitis
H70.0	Acute mastoiditis
H70.2	Petrositis
H73.0	Acute myringitis
H83.0	Labyrinthitis
I30.1	Infective pericarditis
I30.8	Other forms of acute pericarditis
I30.9	Acute pericarditis, unspecified
I32.0	Pericarditis in bacterial diseases classified elsewhere
I33.0	Acute and subacute infective endocarditis
I33.9	Acute endocarditis, unspecified
I40.0	Infective myocarditis
J01.0	Acute maxillary sinusitis
J01.1	Acute frontal sinusitis
J01.2	Acute ethmoidal sinusitis
J01.3	Acute sphenoidal sinusitis
J01.4	Acute pansinusitis
J01.8	Other acute sinusitis
J01.9	Acute sinusitis, unspecified
J02.0	Streptococcal pharyngitis
J02.8	Acute pharyngitis due to other specified organisms
J02.9	Acute pharyngitis, unspecified
J03.0	Streptococcal tonsillitis
J03.8	Acute tonsillitis due to other specified organisms
J03.9	Acute tonsillitis, unspecified
J05.1	Acute epiglottitis
J13	Pneumonia due to <i>Streptococcus pneumoniae</i>
J14	Pneumonia due to <i>Haemophilus influenzae</i>
J15.0	Pneumonia due to <i>Klebsiella pneumoniae</i>
J15.1	Pneumonia due to <i>Pseudomonas</i>
J15.2	Pneumonia due to staphylococcus
J15.3	Pneumonia due to streptococcus, group B
J15.4	Pneumonia due to other streptococci
J15.5	Pneumonia due to <i>Escherichia coli</i>
J15.6	Pneumonia due to other aerobic Gram-negative bacteria
J15.7	Pneumonia due to <i>Mycoplasma pneumoniae</i>
J15.8	Other bacterial pneumonia
J15.9	Bacterial pneumonia, unspecified
J17.0	Pneumonia in bacterial diseases classified elsewhere
J18.0	Bronchopneumonia, unspecified
J18.1	Lobar pneumonia, unspecified
J18.8	Other pneumonia, organism unspecified
J20.0	Acute bronchitis due to <i>Mycoplasma pneumoniae</i>
J20.1	Acute bronchitis due to <i>Haemophilus influenzae</i>

W-10: ICD-10-WHO codes for infections: Postoperative sepsis**Denominator exclusion, if principal diagnosis (continued).**

J20.2	Acute bronchitis due to streptococcus
J34.0	Abscess, furuncle and carbuncle of nose
J36	Peritonsillar abscess
J39.0	Retropharyngeal and parapharyngeal abscess
J39.1	Other abscess of pharynx
J40	Bronchitis, not specified as acute or chronic
J44.0	Chronic obstructive pulmonary disease with acute lower respiratory infection
J85.0	Gangrene and necrosis of lung
J85.1	Abscess of lung with pneumonia
J85.2	Abscess of lung without pneumonia
J85.3	Abscess of mediastinum
J86.0	Pyothorax with fistula
J86.9	Pyothorax without fistula
J90	Pleural effusion, not elsewhere classified
J98.5	Diseases of mediastinum, not elsewhere classified
K04.0	Pulpitis
K04.6	Periapical abscess with sinus
K04.7	Periapical abscess without sinus
K05.0	Acute gingivitis
K05.2	Acute periodontitis
K10.2	Inflammatory conditions of jaws
K11.3	Abscess of salivary gland
K12.2	Cellulitis and abscess of mouth
K35.0	Acute appendicitis with generalized peritonitis
K35.1	Acute appendicitis with peritoneal abscess
K35.9	Acute appendicitis, unspecified
K36	Other appendicitis
K37	Unspecified appendicitis
K57.0	Diverticular disease of small intestine with perforation and abscess
K57.1	Diverticular disease of small intestine without perforation or abscess
K57.2	Diverticular disease of large intestine with perforation and abscess
K57.3	Diverticular disease of large intestine without perforation or abscess
K57.4	Diverticular disease of both small and large intestine with perforation and abscess
K57.5	Diverticular disease of both small and large intestine without perforation or abscess
K57.8	Diverticular disease of intestine, part unspecified, with perforation and abscess
K57.9	Diverticular disease of intestine, part unspecified, without perforation or abscess
K61.0	Anal abscess
K61.1	Rectal abscess
K61.2	Anorectal abscess
K61.3	Ischiorectal abscess
K61.4	Intrasphincteric abscess
K63.0	Abscess of intestine
K65.0	Acute peritonitis
K65.8	Other peritonitis
K65.9	Peritonitis, unspecified

W-10: ICD-10-WHO codes for infections: Postoperative sepsis**Denominator exclusion, if principal diagnosis (continued).**

K67.1	Gonococcal peritonitis
K75.0	Abscess of liver
K75.1	Phlebitis of portal vein
K80.0	Calculus of gallbladder with acute cholecystitis
K80.3	Calculus of bile duct with cholangitis
K80.4	Calculus of bile duct with cholecystitis
K81.0	Acute cholecystitis
K81.8	Other cholecystitis
K81.9	Cholecystitis, unspecified
K82.2	Perforation of gallbladder
K83.0	Cholangitis
K83.2	Perforation of bile duct
K85.0	Idiopathic acute pancreatitis
K85.1	Biliary acute pancreatitis
K85.2	Alcohol-induced acute pancreatitis
K85.3	Drug-induced acute pancreatitis
K85.8	Other acute pancreatitis
K85.9	Acute pancreatitis, unspecified
L00	Staphylococcal scalded skin syndrome
L01.0	Impetigo [any organism] [any site]
L01.1	Impetiginization of other dermatoses
L02.0	Cutaneous abscess, furuncle and carbuncle of face
L02.1	Cutaneous abscess, furuncle and carbuncle of neck
L02.2	Cutaneous abscess, furuncle and carbuncle of trunk
L02.3	Cutaneous abscess, furuncle and carbuncle of buttock
L02.4	Cutaneous abscess, furuncle and carbuncle of limb
L02.8	Cutaneous abscess, furuncle and carbuncle of other sites
L02.9	Cutaneous abscess, furuncle and carbuncle, unspecified
L03.0	Cellulitis of finger and toe
L03.1	Cellulitis of other parts of limb
L03.2	Cellulitis of face
L03.3	Cellulitis of trunk
L03.8	Cellulitis of other sites
L03.9	Cellulitis, unspecified
L04.0	Acute lymphadenitis of face, head and neck
L04.1	Acute lymphadenitis of trunk
L04.2	Acute lymphadenitis of upper limb
L04.3	Acute lymphadenitis of lower limb
L04.8	Acute lymphadenitis of other sites
L04.9	Acute lymphadenitis, unspecified
L05.0	Pilonidal cyst with abscess
L08.0	Pyoderma
L08.8	Other specified local infections of skin and subcutaneous tissue
L08.9	Local infection of skin and subcutaneous tissue, unspecified
L30.3	Infective dermatitis

W-10: ICD-10-WHO codes for infections: Postoperative sepsis**Denominator exclusion, if principal diagnosis (continued).**

M00.0	Staphylococcal arthritis and polyarthritis
M00.1	Pneumococcal arthritis and polyarthritis
M00.2	Other streptococcal arthritis and polyarthritis
M00.8	Arthritis and polyarthritis due to other specified bacterial agents
M00.9	Pyogenic arthritis, unspecified
M03.0	Postmeningococcal arthritis
M03.1	Postinfective arthropathy in syphilis
M03.2	Other postinfectious arthropathies in diseases classified elsewhere
M03.6	Reactive arthropathy in other diseases classified elsewhere
M46.2	Osteomyelitis of vertebra
M60.0	Infective myositis
M63.0	Myositis in bacterial diseases classified elsewhere
M72..6	Necrotizing fasciitis
M73.0	Gonococcal bursitis
M86.0	Acute haematogenous osteomyelitis
M86.1	Other acute osteomyelitis
M86.2	Subacute osteomyelitis
M86.3	Chronic multifocal osteomyelitis
M86.4	Chronic osteomyelitis with draining sinus
M86.5	Other chronic haematogenous osteomyelitis
M86.6	Other chronic osteomyelitis
M86.8	Other osteomyelitis
M86.9	Osteomyelitis, unspecified
M90.1	Periostitis in other infectious diseases classified elsewhere
N10	Acute tubulo-interstitial nephritis
N12	Tubulo-interstitial nephritis, not specified as acute or chronic
N13.6	Pyonephrosis
N15.1	Renal and perinephric abscess
N30.0	Acute cystitis
N30.8	Other cystitis
N30.9	Cystitis, unspecified
N34.0	Urethral abscess
N39.0	Urinary tract infection, site not specified
N41.0	Acute prostatitis
N41.2	Abscess of prostate
N41.3	Prostatocystitis
N41.8	Other inflammatory diseases of prostate
N41.9	Inflammatory disease of prostate, unspecified
N43.1	Infected hydrocele
N45.0	Orchitis, epididymitis and epididymo-orchitis with abscess
N45.9	Orchitis, epididymitis and epididymo-orchitis without abscess
N48.1	Balanoposthitis
N48.2	Other inflammatory disorders of penis
N49.0	Inflammatory disorders of seminal vesicle
N49.1	Inflammatory disorders of spermatic cord, tunica vaginalis and vas deferens

W-10: ICD-10-WHO codes for infections: Postoperative sepsis**Denominator exclusion, if principal diagnosis (continued).**

N49.2	Inflammatory disorders of scrotum
N49.8	Inflammatory disorders of other specified male genital organs
N49.9	Inflammatory disorder of unspecified male genital organ
N51.0	Disorders of prostate in diseases classified elsewhere
N51.1	Disorders of testis and epididymis in diseases classified elsewhere
N61	Inflammatory disorders of breast
N70.0	Acute salpingitis and oophoritis
N70.1	Chronic salpingitis and oophoritis
N70.9	Salpingitis and oophoritis, unspecified
N71.0	Acute inflammatory disease of uterus
N71.9	Inflammatory disease of uterus, unspecified
N72	Inflammatory disease of cervix uteri
N73.0	Acute parametritis and pelvic cellulitis
N73.1	Chronic parametritis and pelvic cellulitis
N73.2	Unspecified parametritis and pelvic cellulitis
N73.3	Female acute pelvic peritonitis
N73.5	Female pelvic peritonitis, unspecified
N73.9	Female pelvic inflammatory disease, unspecified
N75.1	Abscess of Bartholin's gland
N76.0	Acute vaginitis
N76.1	Subacute and chronic vaginitis
N76.2	Acute vulvitis
N76.3	Subacute and chronic vulvitis
N76.4	Abscess of vulva
N76.8	Other specified inflammation of vagina and vulva
O03.0	Spontaneous abortion, incomplete, complicated by genital tract and pelvic infection
O03.5	Spontaneous abortion, complete or unspecified, complicated by genital tract and pelvic infection
O04.0	Medical abortion, incomplete, complicated by genital tract and pelvic infection
O04.5	Medical abortion, complete or unspecified, complicated by genital tract and pelvic infection
O05.0	Other abortion, incomplete, complicated by genital tract and pelvic infection
O05.5	Other abortion, complete or unspecified, complicated by genital tract and pelvic infection
O06.0	Unspecified abortion, incomplete, complicated by genital tract and pelvic infection
O06.5	Unspecified abortion, complete or unspecified, complicated by genital tract and pelvic infection
O07.0	Failed medical abortion, complicated by genital tract and pelvic infection
O07.5	Other and unspecified failed attempted abortion, complicated by genital tract and pelvic infection
O08.0	Genital tract and pelvic infection following abortion and ectopic and molar pregnancy
O23.0	Infections of kidney in pregnancy
O23.1	Infections of bladder in pregnancy
O23.2	Infections of urethra in pregnancy
O23.3	Infections of other parts of urinary tract in pregnancy
O23.4	Unspecified infection of urinary tract in pregnancy
O23.5	Infections of the genital tract in pregnancy

W-10: ICD-10-WHO codes for infections: Postoperative sepsis**Denominator exclusion, if principal diagnosis (continued).**

O23.9	Other and unspecified genitourinary tract infection in pregnancy
O41.1	Infection of amniotic sac and membranes
O86.1	Other infection of genital tract following delivery
O86.2	Urinary tract infection following delivery
O86.3	Other genitourinary tract infections following delivery
O86.4	Pyrexia of unknown origin following delivery
O91.0	Infection of nipple associated with childbirth
O91.1	Abscess of breast associated with childbirth
O91.2	Nonpurulent mastitis associated with childbirth
O98.2	Gonorrhoea complicating pregnancy, childbirth and the puerperium
O98.8	Other maternal infectious and parasitic diseases complicating pregnancy, childbirth and the puerperium
O98.9	Unspecified maternal infectious or parasitic disease complicating pregnancy, childbirth and the puerperium
P36.0	Sepsis of newborn due to streptococcus, group B
P36.1	Sepsis of newborn due to other and unspecified streptococci
P36.2	Sepsis of newborn due to Staphylococcus aureus
P36.3	Sepsis of newborn due to other and unspecified staphylococci
P36.4	Sepsis of newborn due to Escherichia coli
P36.5	Sepsis of newborn due to anaerobes
P36.8	Other bacterial sepsis of newborn
P36.9	Bacterial sepsis of newborn, unspecified
P38	Omphalitis of newborn with or without mild haemorrhage
P39.0	Neonatal infective mastitis
P39.2	Intra-amniotic infection of fetus, not elsewhere classified
P39.3	Neonatal urinary tract infection
P39.4	Neonatal skin infection
P39.8	Other specified infections specific to the perinatal period
P39.9	Infection specific to the perinatal period, unspecified
P77	Necrotizing enterocolitis of fetus and newborn
R02	Gangrene, not elsewhere classified
R57.8	Other shock
T80.2	Infections following infusion, transfusion and therapeutic injection
T81.4	Infection following a procedure, not elsewhere classified
T82.6	Infection and inflammatory reaction due to cardiac valve prosthesis
T82.7	Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts
T83.5	Infection and inflammatory reaction due to prosthetic device, implant and graft in urinary system
T83.6	Infection and inflammatory reaction due to prosthetic device, implant and graft in genital tract
T84.5	Infection and inflammatory reaction due to internal joint prosthesis
T84.6	Infection and inflammatory reaction due to internal fixation device [any site]
T84.7	Infection and inflammatory reaction due to other internal orthopaedic prosthetic devices, implants and grafts
T84.9	Unspecified complication of internal orthopaedic prosthetic device, implant and graft

W-10: ICD-10-WHO codes for infections: Postoperative sepsis**Denominator exclusion, if principal diagnosis (continued).**

T85.7	Infection and inflammatory reaction due to other internal prosthetic devices, implants and grafts
T87.4	Infection of amputation stump
T88.0	Infection following immunization

W-11 ICD-10-WHO subdural or cerebral haemorrhage diagnosis codes: Injury to neonate**Denominator exclusion, if coded together with Preterm Infant diagnosis codes (W-12)**

P10.0	Subdural haemorrhage due to birth injury
P10.1	Cerebral haemorrhage due to birth injury
P10.2	Intraventricular haemorrhage due to birth injury
P10.3	Subarachnoid haemorrhage due to birth injury
P10.4	Tentorial tear due to birth injury
P10.8	Other intracranial lacerations and haemorrhages due to birth injury
P10.9	Unspecified intracranial laceration and haemorrhage due to birth injury

W-12 ICD-10-WHO Preterm Infant diagnosis codes: Injury to neonate**Denominator exclusion, if coded together with subdural or cerebral haemorrhage diagnosis codes (W-11)**

P07.0	Extremely low birth weight
P07.1	Other low birth weight
P07.2	Extreme immaturity
P07.3	Other preterm infants

W-13 ICD-10-WHO injury to skeleton diagnosis codes Injury to neonate**Denominator exclusion, if coded together with osteogenesis imperfecta diagnosis codes (W-14)**

P11.5	Birth injury to spine and spinal cord
P13.0	Fracture of skull due to birth injury
P13.1	Other birth injuries to skull
P13.2	Birth injury to femur
P13.3	Birth injury to other long bones
P13.8	Birth injuries to other parts of skeleton
P13.9	Birth injury to skeleton, unspecified

W-14 ICD-10-WHO osteogenesis imperfecta diagnosis codes : Injury to neonate**Denominator exclusion, if coded together with injury to skeleton diagnosis codes (W-13)**

Q78.0	Osteogenesis imperfecta
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W-15 ICD-10-WHO Newborn in Hospital Live Birth Codes: Injury to neonate**Denominator inclusion**

Z38.0	Singleton, born in hospital
Z38.3	Twin, born in hospital
Z38.6	Other multiple, born in hospital

W-16 ICD-10-WHO Newborn out of Hospital Codes: Injury to neonate**Denominator exclusion**

Z38.1	Singleton, born outside hospital
Z38.2	Singleton, unspecified as to place of birth
Z38.4	Twin, born outside hospital
Z38.5	Twin, unspecified as to place of birth
Z38.7	Other multiple, born outside hospital
Z38.8	Other multiple, unspecified as to place of birth

W-17 ICD-10-WHO chest trauma or pleural effusion codes: Iatrogenic Pneumothorax**Denominator exclusion**

A15.6	Tuberculous pleurisy, confirmed bacteriologically and histologically
A16.5	Tuberculous pleurisy, without mention of bacteriological or histological confirmation
C78.2	Secondary malignant neoplasm of pleura
J90	Pleural effusion, not elsewhere classified
J91	Pleural effusion in conditions classified elsewhere
J94.0	Chylous effusion
J94.2	Haemothorax
J94.8	Other specified pleural conditions
S12.8	Fracture of other parts of neck
S20.0	Contusion of breast
S20.1	Other and unspecified superficial injuries of breast
S20.2	Contusion of thorax
S20.3	Other superficial injuries of front wall of thorax
S20.4	Other superficial injuries of back wall of thorax
S20.7	Multiple superficial injuries of thorax
S20.8	Superficial injury of other and unspecified parts of thorax
S20.0	Contusion of breast
S20.2	Contusion of thorax
S21.1	Open wound of front wall of thorax
S21.2	Open wound of back wall of thorax
S21.7	Multiple open wounds of thoracic wall
S21.8	Open wound of other parts of thorax
S21.9	Open wound of thorax, part unspecified
S22.2	Fracture of sternum
S22.3	Fracture of rib
S22.4	Multiple fractures of ribs

W-17 ICD-10-WHO chest trauma or pleural effusion codes: Iatrogenic Pneumothorax**Denominator exclusion (continued)**

S22.5	Flail chest
S22.8	Fracture of other parts of bony thorax
S22.9	Fracture of bony thorax, part unspecified
S24.3	Injury of peripheral nerves of thorax
S24.4	Injury of thoracic sympathetic nerves
S24.5	Injury of other nerves of thorax
S24.6	Injury of unspecified nerve of thorax
S25.0	Injury of thoracic aorta
S25.1	Injury of innominate or subclavian artery
S25.2	Injury of superior vena cava
S25.3	Injury of innominate or subclavian vein
S25.4	Injury of pulmonary blood vessels
S25.5	Injury of intercostal blood vessels
S25.7	Injury of multiple blood vessels of thorax
S25.8	Injury of other blood vessels of thorax
S25.9	Injury of unspecified blood vessel of thorax
S26.0	Injury of heart with haemopericardium
S26.8	Other injuries of heart
S26.9	Injury of heart, unspecified
S27.0	Traumatic pneumothorax
S27.1	Traumatic haemothorax
S27.2	Traumatic haemopneumothorax
S27.3	Other injuries of lung
S27.4	Injury of bronchus
S27.5	Injury of thoracic trachea
S27.6	Injury of pleura
S27.7	Multiple injuries of intrathoracic organs
S27.8	Injury of other specified intrathoracic organs
S27.9	Injury of unspecified intrathoracic organ
S28.0	Crushed chest
S28.1	Traumatic amputation of part of thorax
S29.7	Multiple injuries of thorax
S29.8	Other specified injuries of thorax
S29.9	Unspecified injury of thorax
T02.1	Fractures involving thorax with lower back and pelvis
T02.7	Fractures involving thorax with lower back and pelvis with limb(s)
T03.1	Dislocations, sprains and strains involving thorax with lower back and pelvis
T04.1	Crushing injuries involving thorax with abdomen, lower back and pelvis
T04.7	Crushing injuries of thorax with abdomen, lower back and pelvis with limb(s)
T04.8	Crushing injuries involving other combinations of body regions
T04.9	Multiple crushing injuries, unspecified
T06.5	Injuries of intrathoracic organs with intra-abdominal and pelvic organs
T09.0	Superficial injury of trunk, level unspecified

W-17 ICD-10-WHO chest trauma or pleural effusion codes: Iatrogenic Pneumothorax**Denominator exclusion (continued)**

T09.1	Open wound of trunk, level unspecified
T09.2	Dislocation, sprain and strain of unspecified joint and ligament of trunk
T09.5	Injury of unspecified muscle and tendon of trunk
T09.6	Traumatic amputation of trunk, level unspecified
T09.8	Other specified injuries of trunk, level unspecified
T09.9	Unspecified injury of trunk, level unspecified

W-18: ICD-10-WHO Neuromuscular Disorder codes: Postoperative Respiratory Failure**Denominator exclusion**

G61.0	Guillain-Barre-syndrome
G63.0	Polyneuropathy in infectious and parasitic diseases classified elsewhere
G70.0	Myasthenia gravis
G70.1	Toxic myoneural disorders
G70.2	Congenital and developmental myasthenia
G70.8	Other specified myoneural disorders
G70.9	Myoneural disorder, unspecified
G71.0	Muscular dystrophy
G71.1	Myotonic disorders
G71.2	Congenital myopathies
G71.3	Mitochondrial myopathy, not elsewhere classified
G71.8	Other primary disorders of muscles
G71.9	Primary disorder of muscle, unspecified
G72.0	Drug-induced myopathy
G72.1	Alcoholic myopathy
G72.2	Myopathy due to other toxic agents
G72.3	Periodic paralysis
G72.4	Inflammatory myopathy, not elsewhere classified
G72.8	Other specified myopathies
G72.9	Myopathy, unspecified
G73.0	Myasthenic syndromes in endocrine diseases
G73.1	Eaton-Lambert syndrome
G73.2	Other myasthenic syndromes in neoplastic disease
G73.3	Myasthenic syndromes in other diseases classified elsewhere
G73.4	Myopathy in infectious and parasitic diseases classified elsewhere
G73.5	Myopathy in endocrine diseases
G73.6	Myopathy in metabolic diseases
G73.7	Myopathy in other diseases classified elsewhere

Code List P: ICD-9-CM Procedure codes for calculating PSI “Iatrogenic Pneumothorax”. Codes are used for denominator exclusion.

ICD-9-CM Thoracic and Cardiac Surgery procedure codes:

ICD-9-CM Thoracic Surgery procedure codes

3121	Mediastinal tracheostomy
3223	Open abltm lung les/tiss (Oct 06)
3224	Perc abltm lung les/tiss (Oct 06)
3225	Thor abltm lung les/tiss (Oct 06)
3226	Abltn lung tiss nec/nos (Oct 06)
3145	Open biopsy of larynx or trachea
3173	Closure of other fistula of trachea
3179	Other repair and plastic operations on trachea
3199	Other operations on trachea
3209	Other local excision or destruction of lesion or tissue of bronchus
321	Other excision of bronchus

Local excision or destruction of lesion or tissue of lung:

3221	Plication of emphysematous bleb
3222	Lung volume reduction surgery
3228	Endoscopic excision or destruction of lesion or tissue of lung
3229	Other local excision or destruction of lesion or tissue of lung
323	Segmental resection of lung
324	Lobectomy of lung
325	Complete pneumonectomy
326	Radical dissection of thoracic structures
329	Other excision of lung
330	Incision of bronchus
331	Incision of lung
3325	Open biopsy of bronchus
3326	Close [percutaneous][needle] biopsy of lung
3327	Closed endoscopic biopsy of lung
3328	Open biopsy of lung
3331	Destruction of phrenic nerve for collapse of lung (no longer performed)
3332	Artificial pneumothorax for collapse of lung
3334	Thoracoplasty
3339	Other surgical collapse of lung

Repair and plastic operation on lung and bronchus:

3341	Suture of laceration of bronchus
3342	Closure of bronchial fistula
3343	Closure of laceration of lung
3348	Other repair and plastic operations on bronchus
3349	Other repair and plastic operations on lung

Lung transplant:

335	Lung transplantation
3350	Lung transplantation, nos
3351	Unilateral lung transplantation
3352	Bilateral lung transplantation
336	Combined heart-lung transplantation
3392	Ligation of bronchus
3393	Puncture of lung
3398	Other operations on bronchus
3399	Other operations on lung
3329	Other diagnostic procedure on lung and bronchus
3333	Pneumoperitoneum for collapse of lung
3401	Incision of chest wall
3402	Exploratory thoracotomy
3403	Reopening of recent thoracotomy site
3405	Creation of pleuroperitoneal shunt
3409	Other incision of pleura
341	Incision of mediastinum

Diagnostic procedures on chest wall, pleura, mediastinum, and diaphragm:

3421	Transpleural thoracoscopy
3422	Mediastinoscopy
3423	Biopsy of chest wall
3424	Pleural biopsy
3425	Closed [percutaneous][needle] biopsy of mediastinum
3426	Open biopsy of mediastinum
3427	Biopsy of diaphragm
3428	Other diagnostic procedures on chest wall, pleura, and diaphragm
3429	Other diagnostic procedures on mediastinum
343	Excision or destruction of lesion or tissue of mediastinum

Diagnostic procedures on chest wall, pleura, mediastinum, and diaphragm (continued):

344	Excision or destruction of lesion of chest wall
3451	Decortication of lung
3459	Other excision of pleura

Repair of chest wall:

3471	Suture of laceration of chest wall
3472	Closure of thoracostomy
3473	Closure of other fistula of thorax
3474	Repair of pectus deformity
3479	Other repair of chest wall

Operations on diaphragm:

3481	Excision of lesion or tissue of diaphragm
3482	Suture of laceration of diaphragm
3483	Closure of fistula of diaphragm
3484	Other repair of diaphragm
3485	Implantation of diaphragmatic pacemaker
3489	Other operations on diaphragm
3493	Repair of pleura
3499	Other operations on thorax, other

Operations on thoracic duct:

4061	Cannulation of thoracic duct
4062	Fistulization of thoracic duct
4063	Closure of fistula of thoracic duct
4064	Ligation of thoracic duct
4069	Other operations on thoracic duct

Esophagotomy:

4201	Incision of esophageal web
4209	Other incision of esophagus
4210	Esophagostomy, nos
4211	Cervical esophagostomy
4212	Exteriorization of esophageal pouch
4219	Other external fistulization of esophagus
4221	Operative esophagoscopy by incision
4225	Open biopsy of esophagus
4231	Local excision of esophageal diverticulum
4232	Local excision of other lesion or tissue of esophagus
4239	Other destruction of lesion or tissue of esophagus

Excision of esophagus:

4240	Esophagectomy, nos
4241	Partial esophagectomy
4242	Total esophagectomy

Intrathoracic anastomosis of esophagus

4251	Intrathoracic esophagoesophagostomy
4252	Intrathoracic esophagogastrostomy
4253	Intrathoracic esophageal anastomosis w/ interposition of small bowel
4254	Other intrathoracic esophagoenterostomy
4255	Intrathoracic esophageal anastomosis w/ interposition of colon
4256	Other intrathoracic esophagocolostomy
4258	Intrathoracic esophageal anastomosis w/ other interposition
4259	Other intrathoracic anastomosis of esophagus

Antesternal anastomosis

4261	Antesternal esophagoesophagostomy
4262	Antesternal esophagogastrostomy
4263	Antesternal esophageal anastomosis w/ interposition of small bowel
4264	Other antesternal esophagoenterostomy
4265	Antesternal esophageal anastomosis w/ interposition of colon
4266	Other antesternal esophagocolostomy
4268	Other antesternal esophageal anastomosis w/ interposition
4269	Other antesternal anastomosis of esophagus
427	Esophagomyotomy

Other repair of esophagus

4281	Insertion of permanent tube into esophagus
4282	Suture of laceration of esophagus
4283	Closure of esophagostomy
4284	Repair of esophageal fistula, nec
4285	Repair of esophageal stricture
4286	Production of subcutaneous tunnel w/o esophageal anastomosis
4287	Other graft of esophagus
4289	Other repair of esophagus
4465	Esophagogastroplasty
4466	Other procedures for creation of esophagogastric sphincteric competence
8104	Dorsal and dorso-lumbar fusion, anterior technique
8134	Refusion of dorsal and dorsolumbar spine, anterior technique

ICD-9-CM Lung or Pleural Biopsy procedure codes:

3326	Closed [percutaneous] [needle] biopsy of lung
3328	Open biopsy of lung
3424	Pleural biopsy

ICD-9-CM Cardiosurgery procedure codes:

3510	Open valvuloplasty nos	3616	2 int mam-cor art bypass
3511	Opn aortic valvuloplasty	3617	Abd-coron artery bypass
3512	Opn mitral valvuloplasty	3619	Hrt revas byps anas nec
3513	Opn pulmon valvuloplasty	362	Arterial implant revasc
3514	Opn tricus valvuloplasty	3631	Open chest trans revasc
3520	Replace heart valve nos	3632	Oth transmyo revascular
3521	Replace aort valv-tissue	3639	Oth heart revascular
3522	Replace aortic valve nec	3691	Coron vess aneurysm rep
3523	Replace mitr valv-tissue	3699	Heart vessel op nec
3524	Replace mitral valve nec	370	Pericardiocentesis
3525	Replace pulm valv-tissue	3710	Incision of heart nos
3526	Replace pulmon valve nec	3711	Cardiotomy

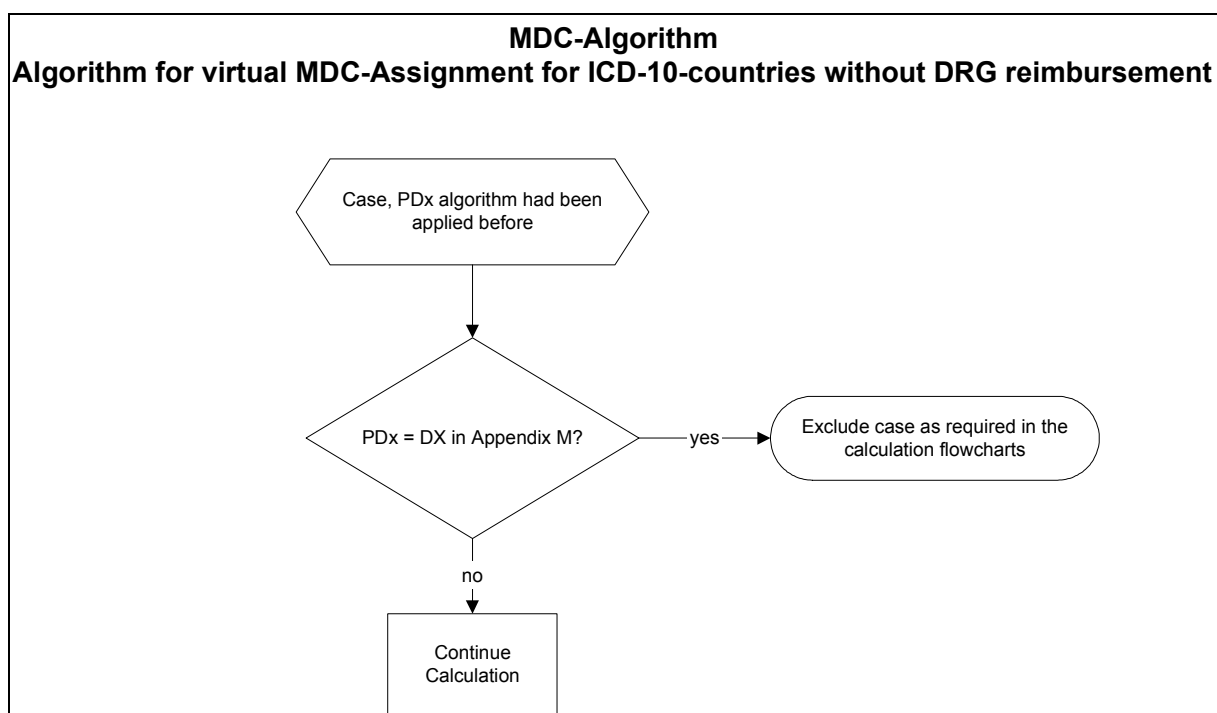
ICD-9-CM Cardiosurgery procedure codes (continued):

3527	Replace tric valv-tissue	3712	Pericardiotomy
3528	Replace tricuspid valv nec	3724	Pericardial biopsy
3531	Papillary muscle ops	3725	Cardiac biopsy
3532	Chordae tendineae ops	3729	Hrt/pericar dx proc nec
3533	Annuloplasty	3731	Pericardiectomy
3534	Infundibulectomy	3732	Heart aneurysm excision
3535	Trabecul carneae cord op	3733	Exc/dest hrt lesion open
3539	Tiss adj to valv ops nec	3735	Partial ventriculectomy
3542	Create septal defect	3741	Impl cardiac support dev
3550	Prosth rep hrt septa nos	3749	Heart/pericard repr nec
3551	Pros rep atrial def-opn	3751	Heart transplantation
3553	Pros repair ventric def	3752	Implant tot rep hrt sys
3554	Pros rep endocar cushion	3753	Repl/rep thorac unit hrt
3560	Grft repair hrt sept nos	3754	Repl/rep oth tot hrt sys
3561	Graft repair atrial def	3761	Pulsation balloon implan
3562	Graft repair ventric def	3762	Implant hrt asst sys nec
3563	Grft rep endocar cushion	3763	Replace hrt assist syst
3570	Heart septa repair nos	3764	Remove heart assist sys
3571	Atria septa def rep nec	3765	Imp ext pul hrt asst sys
3572	Ventr septa def rep nec	3766	Imp imp pul hrt asst sys
3573	Endocar cushion rep nec	3767	Imp cardiomyostimul sys
3581	Tot repair tetral fallot	3799	Other heart/pericard ops
3582	Total repair of tapvc	3791	Open chest cardiac massage
3583	Tot rep truncus arterios	3804	Incision aorta
3584	Tot cor transpos grt ves	3805	Incision oth thorac vessels
3591	Interat ven retrn transp	3814	Endarterectomy aorta
3592	Conduit rt vent-pul art	3815	Endart oth thorac vessels
3593	Conduit left ventr-aorta	3834	Resect aorta w anastomosis
3594	Conduit artium-pulm art	3835	Resect aorta w replacement
3595	Heart repair revision	3845	Resect thorac vessel w replace
3598	Other heart septa ops	3855	Ligation strip thorac vein thorac
3599	Other heart valve ops	3864	Oth exc aorta
3603	Open coronry angioplasty	3865	Oth exc oth thorac vessels
3610	Aortocoronary bypass nos	3884	Oth surg occlus aorta
3611	Aortocor bypas-1 cor art	3885	Oth surg occlus oth thorac vessels
3612	Aortocor bypas-2 cor art	390	Systemic pulm art shunt
3613	Aortocor bypas-3 cor art	3921	Caval pulm art anastomosis
3614	Aortocor bypas-4+ cor art	3922	Aorta subclav carotid bypass
3615	1 int mam-cor art bypass	3923	Oth intrathorac vasc shunt bypass

ANNEX 2: VIRTUAL MDC-ASSIGNMENT

Code lists in ICD-10-WHO for simulation of MDC assignment.

- M-1 Code list for MDC-8 (Postoperative hip fracture)
- M-2 Code list for MDC-9 (Decubitus ulcer)
- M-3 Code list for MDC-14 (Postoperative PE or DVT, Postoperative sepsis, Decubitus ulcer, Postop hip fracture, Complications of anaesthesia)
- M-4 Code list for MDC-15 (Optional use for identification of neonates)
- M-5 Code list for MDC-4 (Postoperative respiratory failure)
- M-6 Code list for MDC-5 (Postoperative respiratory failure)



Code lists are adapted from:

- German Diagnosis Related Groups, Version 2006. Definitionshandbuch. Institut für das Entgeltsystem im Krankenhaus gGmbH (InEK), Siegburg, Germany, and
- Australian Refined Diagnosis Related Groups V 4.1. Definitions Manual, Vol. 1-3. Commonwealth of Australia 1998App.

M-1 Code list for MDC-8 (Postoperative hip fracture)

ICD-10 WHO	Title	MDC
A18.0	Tuberculosis of bones and joints	08
A54.4	Gonococcal infection of musculoskeletal system	08
A66.6	Bone and joint lesions of yaws	08
B90.2	Sequelae of tuberculosis of bones and joints	08
C40.0	Malignant neoplasm: Scapula and long bones of upper limb	08
C40.1	Malignant neoplasm: Short bones of upper limb	08
C40.2	Malignant neoplasm: Long bones of lower limb	08
C40.3	Malignant neoplasm: Short bones of lower limb	08
C40.8	Malignant neoplasm: Overlapping lesion of bone and articular cartilage of limbs	08
C40.9	Malignant neoplasm: Bone and articular cartilage of limb, unspecified	08
C41.0	Malignant neoplasm: Bones of skull and face	08
C41.1	Malignant neoplasm: Mandible	08
C41.2	Malignant neoplasm: Vertebral column	08
C41.3	Malignant neoplasm: Ribs, sternum and clavicle	08
C41.4	Malignant neoplasm: Pelvic bones, sacrum and coccyx	08
C41.8	Malignant neoplasm: Overlapping lesion of bone and articular cartilage	08
C41.9	Malignant neoplasm: Bone and articular cartilage, unspecified	08
C45.7	Mesothelioma of other sites	08
C45.9	Mesothelioma, unspecified	08
C47.0	Malignant neoplasm: Peripheral nerves of head, face and neck	08
C47.1	Malignant neoplasm: Peripheral nerves of upper limb, including shoulder	08
C47.2	Malignant neoplasm: Peripheral nerves of lower limb, including hip	08
C47.3	Malignant neoplasm: Peripheral nerves of thorax	08
C47.4	Malignant neoplasm: Peripheral nerves of abdomen	08
C47.5	Malignant neoplasm: Peripheral nerves of pelvis	08
C47.6	Malignant neoplasm: Peripheral nerves of trunk, unspecified	08
C47.8	Malignant neoplasm: Overlapping lesion of peripheral nerves and autonomic nervous system	08
C47.9	Malignant neoplasm: Peripheral nerves and autonomic nervous system, unspecified	08
C49.0	Malignant neoplasm: Connective and soft tissue of head, face and neck	08
C49.1	Malignant neoplasm: Connective and soft tissue of upper limb, including shoulder	08
C49.2	Malignant neoplasm: Connective and soft tissue of lower limb, including hip	08
C49.3	Malignant neoplasm: Connective and soft tissue of thorax	08
C49.4	Malignant neoplasm: Connective and soft tissue of abdomen	08
C49.5	Malignant neoplasm: Connective and soft tissue of pelvis	08
C49.6	Malignant neoplasm: Connective and soft tissue of trunk, unspecified	08
C49.8	Malignant neoplasm: Overlapping lesion of connective and soft tissue	08
C49.9	Malignant neoplasm: Connective and soft tissue, unspecified	08
C79.5	Secondary malignant neoplasm of bone and bone marrow	08
D16.0	Benign neoplasm: Scapula and long bones of upper limb	08
D16.1	Benign neoplasm: Short bones of upper limb	08
D16.2	Benign neoplasm: Long bones of lower limb	08
D16.3	Benign neoplasm: Short bones of lower limb	08
D16.4	Benign neoplasm: Bones of skull and face	08

ICD-10 WHO	Title	MDC
D16.6	Benign neoplasm: Vertebral column	08
D16.8	Benign neoplasm: Pelvic bones, sacrum and coccyx	08
D16.9	Benign neoplasm: Bone and articular cartilage, unspecified	08
D21.0	Benign neoplasm: Connective and other soft tissue of head, face and neck	08
D21.1	Benign neoplasm: Connective and other soft tissue of upper limb, including shoulder	08
D21.2	Benign neoplasm: Connective and other soft tissue of lower limb, including hip	08
D21.3	Benign neoplasm: Connective and other soft tissue of thorax	08
D21.4	Benign neoplasm: Connective and other soft tissue of abdomen	08
D21.5	Benign neoplasm: Connective and other soft tissue of pelvis	08
D21.6	Benign neoplasm: Connective and other soft tissue of trunk, unspecified	08
D21.9	Benign neoplasm: Connective and other soft tissue, unspecified	08
D48.0	Neoplasm of uncertain or unknown behaviour: Bone and articular cartilage	08
D48.1	Neoplasm of uncertain or unknown behaviour: Connective and other soft tissue	08
D48.2	Neoplasm of uncertain or unknown behaviour: Peripheral nerves and autonomic nervous system	08
E55.0	Rickets, active	08
E64.3	Sequelae of rickets	08
E85.0	Non-neuropathic heredofamilial amyloidosis	08
E85.1	Neuropathic heredofamilial amyloidosis	08
E85.2	Heredofamilial amyloidosis, unspecified	08
E85.3	Secondary systemic amyloidosis	08
E85.4	Organ-limited amyloidosis	08
E85.8	Other amyloidosis	08
E85.9	Amyloidosis, unspecified	08
H19.3	Keratitis and keratoconjunctivitis in other diseases classified elsewhere	08
H42.0	Glaucoma in endocrine, nutritional and metabolic diseases	08
I00	Rheumatic fever without mention of heart involvement	08
I68.0	Cerebral amyloid angiopathy	08
I73.0	Raynaud's syndrome	08
I77.6	Arteritis, unspecified	08
L40.5	Arthropathic psoriasis	08
L87.1	Reactive perforating collagenosis	08
L94.4	Gottron's papules	08
M00.0	Staphylococcal arthritis and polyarthritis	08
M00.1	Pneumococcal arthritis and polyarthritis	08
M00.2	Other streptococcal arthritis and polyarthritis	08
M00.8	Arthritis and polyarthritis due to other specified bacterial agents	08
M00.9	Pyogenic arthritis, unspecified	08
M01.0	Meningococcal arthritis	08
M01.1	Tuberculous arthritis	08
M01.2	Arthritis in Lyme disease	08
M01.3	Arthritis in other bacterial diseases classified elsewhere	08
M01.4	Rubella arthritis	08
M01.5	Arthritis in other viral diseases classified elsewhere	08
M01.6	Arthritis in mycoses	08
M01.8	Arthritis in other infectious and parasitic diseases classified elsewhere	08

ICD-10 WHO	Title	MDC
M02.0	Arthropathy following intestinal bypass	08
M02.1	Postdysenteric arthropathy	08
M02.2	Postimmunization arthropathy	08
M02.3	Reiter's disease	08
M02.8	Other reactive arthropathies	08
M02.9	Reactive arthropathy, unspecified	08
M03.2	Other postinfectious arthropathies in diseases classified elsewhere	08
M03.6	Reactive arthropathy in other diseases classified elsewhere	08
M05.0	Felty's syndrome	08
M05.2	Rheumatoid vasculitis	08
M05.3	Rheumatoid arthritis with involvement of other organs and systems	08
M05.8	Other seropositive rheumatoid arthritis	08
M05.9	Seropositive rheumatoid arthritis, unspecified	08
M06.0	Seronegative rheumatoid arthritis	08
M06.1	Adult-onset Still's disease	08
M06.2	Rheumatoid bursitis	08
M06.3	Rheumatoid nodule	08
M06.4	Inflammatory polyarthropathy	08
M06.8	Other specified rheumatoid arthritis	08
M06.9	Rheumatoid arthritis, unspecified	08
M07.0	Distal interphalangeal psoriatic arthropathy	08
M07.1	Arthritis mutilans	08
M07.2	Psoriatic spondylitis	08
M07.3	Other psoriatic arthropathies	08
M07.4	Arthropathy in Crohn's disease [regional enteritis]	08
M07.5	Arthropathy in ulcerative colitis	08
M07.6	Other enteropathic arthropathies	08
M08	Juvenile arthritis	08
M08.0	Juvenile rheumatoid arthritis	08
M08.1	Juvenile ankylosing spondylitis	08
M08.2	Juvenile arthritis with systemic onset	08
M08.3	Juvenile polyarthritis (seronegative)	08
M08.4	Pauciarticular juvenile arthritis	08
M08.8	Other juvenile arthritis	08
M08.9	Juvenile arthritis, unspecified	08
M09.0	Juvenile arthritis in psoriasis	08
M09.1	Juvenile arthritis in Crohn's disease [regional enteritis]	08
M09.2	Juvenile arthritis in ulcerative colitis	08
M09.8	Juvenile arthritis in other diseases classified elsewhere	08
M10.0	Idiopathic gout	08
M10.2	Drug-induced gout	08
M10.4	Other secondary gout	08
M10.9	Gout, unspecified	08
M11.0	Hydroxyapatite deposition disease	08
M11.1	Familial chondrocalcinosis	08
M11.2	Other chondrocalcinosis	08

ICD-10 WHO	Title	MDC
M11.8	Other specified crystal arthropathies	08
M11.9	Crystal arthropathy, unspecified	08
M12.0	Chronic postrheumatic arthropathy [Jaccoud]	08
M12.1	Kaschin-Beck disease	08
M12.2	Villonodular synovitis (pigmented)	08
M12.3	Palindromic rheumatism	08
M12.4	Intermittent hydrarthrosis	08
M12.5	Traumatic arthropathy	08
M12.8	Other specific arthropathies, not elsewhere classified	08
M13.0	Polyarthritis, unspecified	08
M13.1	Monoarthritis, not elsewhere classified	08
M13.8	Other specified arthritis	08
M13.9	Arthritis, unspecified	08
M14.0	Gouty arthropathy due to enzyme defects and other inherited disorders	08
M14.1	Crystal arthropathy in other metabolic disorders	08
M14.2	Diabetic arthropathy	08
M14.3	Lipoid dermatoarthritis	08
M14.4	Arthropathy in amyloidosis	08
M14.5	Arthropathies in other endocrine, nutritional and metabolic disorders	08
M14.6	Neuropathic arthropathy	08
M14.8	Arthropathies in other specified diseases classified elsewhere	08
M15.0	Primary generalized (osteo)arthrosis	08
M15.1	Heberden's nodes (with arthropathy)	08
M15.2	Bouchard's nodes (with arthropathy)	08
M15.3	Secondary multiple arthrosis	08
M15.4	Erosive (osteo)arthrosis	08
M15.8	Other polyarthrosis	08
M15.9	Polyarthrosis, unspecified	08
M16.0	Primary coxarthrosis, bilateral	08
M16.1	Other primary coxarthrosis	08
M16.2	Coxarthrosis resulting from dysplasia, bilateral	08
M16.3	Other dysplastic coxarthrosis	08
M16.4	Post-traumatic coxarthrosis, bilateral	08
M16.5	Other post-traumatic coxarthrosis	08
M16.6	Other secondary coxarthrosis, bilateral	08
M16.7	Other secondary coxarthrosis	08
M16.9	Coxarthrosis, unspecified	08
M17.0	Primary gonarthrosis, bilateral	08
M17.1	Other primary gonarthrosis	08
M17.2	Post-traumatic gonarthrosis, bilateral	08
M17.3	Other post-traumatic gonarthrosis	08
M17.4	Other secondary gonarthrosis, bilateral	08
M17.5	Other secondary gonarthrosis	08
M17.9	Gonarthrosis, unspecified	08
M18.0	Primary arthrosis of first carpometacarpal joints, bilateral	08
M18.1	Other primary arthrosis of first carpometacarpal joint	08

ICD-10 WHO	Title	MDC
M18.2	Post-traumatic arthrosis of first carpometacarpal joints, bilateral	08
M18.3	Other post-traumatic arthrosis of first carpometacarpal joint	08
M18.4	Other secondary arthrosis of first carpometacarpal joints, bilateral	08
M18.5	Other secondary arthrosis of first carpometacarpal joint	08
M18.9	Arthrosis of first carpometacarpal joint, unspecified	08
M19.0	Primary arthrosis of other joints	08
M19.1	Post-traumatic arthrosis of other joints	08
M19.2	Other secondary arthrosis	08
M19.8	Other specified arthrosis	08
M19.9	Arthrosis, unspecified	08
M20.0	Deformity of finger(s)	08
M20.1	Hallux valgus (acquired)	08
M20.2	Hallux rigidus	08
M20.3	Other deformity of hallux (acquired)	08
M20.4	Other hammer toe(s) (acquired)	08
M20.5	Other deformities of toe(s) (acquired)	08
M20.6	Acquired deformity of toe(s), unspecified	08
M21.0	Valgus deformity, not elsewhere classified	08
M21.1	Varus deformity, not elsewhere classified	08
M21.2	Flexion deformity	08
M21.3	Wrist or foot drop (acquired)	08
M21.4	Flat foot [pes planus] (acquired)	08
M21.5	Acquired clawhand, clubhand, clawfoot and clubfoot	08
M21.6	Other acquired deformities of ankle and foot	08
M21.7	Unequal limb length (acquired)	08
M21.8	Other specified acquired deformities of limbs	08
M21.9	Acquired deformity of limb, unspecified	08
M22.0	Recurrent dislocation of patella	08
M22.1	Recurrent subluxation of patella	08
M22.2	Patellofemoral disorders	08
M22.3	Other derangements of patella	08
M22.4	Chondromalacia patellae	08
M22.8	Other disorders of patella	08
M22.9	Disorder of patella, unspecified	08
M23.0	Cystic meniscus	08
M23.1	Discoid meniscus (congenital)	08
M23.2	Derangement of meniscus due to old tear or injury	08
M23.3	Other meniscus derangements	08
M23.4	Loose body in knee	08
M23.5	Chronic instability of knee	08
M23.6	Other spontaneous disruption of ligament(s) of knee	08
M23.8	Other internal derangements of knee	08
M23.9	Internal derangement of knee, unspecified	08
M24.0	Loose body in joint	08
M24.1	Other articular cartilage disorders	08
M24.2	Disorder of ligament	08

ICD-10 WHO	Title	MDC
M24.3	Pathological dislocation and subluxation of joint, not elsewhere classified	08
M24.4	Recurrent dislocation and subluxation of joint	08
M24.5	Contracture of joint	08
M24.6	Ankylosis of joint	08
M24.7	Protrusio acetabuli	08
M24.8	Other specific joint derangements, not elsewhere classified	08
M24.9	Joint derangement, unspecified	08
M25.0	Haemarthrosis	08
M25.1	Fistula of joint	08
M25.2	Flail joint	08
M25.3	Other instability of joint	08
M25.4	Effusion of joint	08
M25.5	Pain in joint	08
M25.6	Stiffness of joint, not elsewhere classified	08
M25.7	Osteophyte	08
M25.8	Other specified joint disorders	08
M25.9	Joint disorder, unspecified	08
M30.0	Polyarteritis nodosa	08
M30.1	Polyarteritis with lung involvement [Churg-Strauss]	08
M30.2	Juvenile polyarteritis	08
M30.3	Mucocutaneous lymph node syndrome [Kawasaki]	08
M30.8	Other conditions related to polyarteritis nodosa	08
M31.0	Hypersensitivity angiitis	08
M31.2	Lethal midline granuloma	08
M31.3	Wegener's granulomatosis	08
M31.4	Aortic arch syndrome [Takayasu]	08
M31.5	Giant cell arteritis with polymyalgia rheumatica	08
M31.6	Other giant cell arteritis	08
M31.7	Microscopic polyangiitis	08
M31.8	Other specified necrotizing vasculopathies	08
M31.9	Necrotizing vasculopathy, unspecified	08
M32.0	Drug-induced systemic lupus erythematosus	08
M32.1	Systemic lupus erythematosus with organ or system involvement	08
M32.8	Other forms of systemic lupus erythematosus	08
M32.9	Systemic lupus erythematosus, unspecified	08
M33.0	Juvenile dermatomyositis	08
M33.1	Other dermatomyositis	08
M33.2	Polymyositis	08
M33.9	Dermatopolymyositis, unspecified	08
M34.0	Progressive systemic sclerosis	08
M34.1	CR(E)ST syndrome	08
M34.2	Systemic sclerosis induced by drugs and chemicals	08
M34.8	Other forms of systemic sclerosis	08
M34.9	Systemic sclerosis, unspecified	08
M35.0	Sicca syndrome [Sj,gren]	08
M35.1	Other overlap syndromes	08

ICD-10 WHO	Title	MDC
M35.2	Behçet's disease	08
M35.3	Polymyalgia rheumatica	08
M35.4	Diffuse (eosinophilic) fasciitis	08
M35.5	Multifocal fibrosclerosis	08
M35.7	Hypermobility syndrome	08
M35.8	Other specified systemic involvement of connective tissue	08
M35.9	Systemic involvement of connective tissue, unspecified	08
M36.0	Dermato(poly)myositis in neoplastic disease	08
M36.1	Arthropathy in neoplastic disease	08
M36.2	Haemophilic arthropathy	08
M36.3	Arthropathy in other blood disorders	08
M36.4	Arthropathy in hypersensitivity reactions classified elsewhere	08
M36.8	Systemic disorders of connective tissue in other diseases classified elsewhere	08
M40.0	Postural kyphosis	08
M40.1	Other secondary kyphosis	08
M40.2	Other and unspecified kyphosis	08
M40.3	Flatback syndrome	08
M40.4	Other lordosis	08
M40.5	Lordosis, unspecified	08
M41.0	Infantile idiopathic scoliosis	08
M41.1	Juvenile idiopathic scoliosis	08
M41.2	Other idiopathic scoliosis	08
M41.3	Thoracogenic scoliosis	08
M41.4	Neuromuscular scoliosis	08
M41.5	Other secondary scoliosis	08
M41.8	Other forms of scoliosis	08
M41.9	Scoliosis, unspecified	08
M42.0	Juvenile osteochondrosis of spine	08
M42.1	Adult osteochondrosis of spine	08
M42.9	Spinal osteochondrosis, unspecified	08
M43.0	Spondylolysis	08
M43.1	Spondylolisthesis	08
M43.2	Other fusion of spine	08
M43.3	Recurrent atlantoaxial subluxation with myelopathy	08
M43.4	Other recurrent atlantoaxial subluxation	08
M43.5	Other recurrent vertebral subluxation	08
M43.6	Torticollis	08
M43.8	Other specified deforming dorsopathies	08
M43.9	Deforming dorsopathy, unspecified	08
M45	Ankylosing spondylitis	08
M46.0	Spinal enthesopathy	08
M46.1	Sacroiliitis, not elsewhere classified	08
M46.2	Osteomyelitis of vertebra	08
M46.3	Infection of intervertebral disc (pyogenic)	08
M46.4	Discitis, unspecified	08
M46.5	Other infective spondylopathies	08

ICD-10 WHO	Title	MDC
M46.8	Other specified inflammatory spondylopathies	08
M46.9	Inflammatory spondylopathy, unspecified	08
M47.0	Anterior spinal and vertebral artery compression syndromes	08
M47.1	Other spondylosis with myelopathy	08
M47.2	Other spondylosis with radiculopathy	08
M47.8	Other spondylosis	08
M47.9	Spondylosis, unspecified	08
M48.0	Spinal stenosis	08
M48.1	Ankylosing hyperostosis [Forestier]	08
M48.2	Kissing spine	08
M48.3	Traumatic spondylopathy	08
M48.4	Fatigue fracture of vertebra	08
M48.5	Collapsed vertebra, not elsewhere classified	08
M48.8	Other specified spondylopathies	08
M48.9	Spondylopathy, unspecified	08
M49.0	Tuberculosis of spine	08
M49.1	Brucella spondylitis	08
M49.2	Enterobacterial spondylitis	08
M49.3	Spondylopathy in other infectious and parasitic diseases classified elsewhere	08
M49.4	Neuropathic spondylopathy	08
M49.5	Collapsed vertebra in diseases classified elsewhere	08
M49.8	Spondylopathy in other diseases classified elsewhere	08
M50.0	Cervical disc disorder with myelopathy	08
M50.1	Cervical disc disorder with radiculopathy	08
M50.2	Other cervical disc displacement	08
M50.3	Other cervical disc degeneration	08
M50.8	Other cervical disc disorders	08
M50.9	Cervical disc disorder, unspecified	08
M51.0	Lumbar and other intervertebral disc disorders with myelopathy	08
M51.1	Lumbar and other intervertebral disc disorders with radiculopathy	08
M51.2	Other specified intervertebral disc displacement	08
M51.3	Other specified intervertebral disc degeneration	08
M51.4	Schmorl's nodes	08
M51.8	Other specified intervertebral disc disorders	08
M51.9	Intervertebral disc disorder, unspecified	08
M53.2	Spinal instabilities	08
M53.3	Sacrococcygeal disorders, not elsewhere classified	08
M53.8	Other specified dorsopathies	08
M53.9	Dorsopathy, unspecified	08
M54.0	Panniculitis affecting regions of neck and back	08
M54.1	Radiculopathy	08
M54.2	Cervicalgia	08
M54.3	Sciatica	08
M54.4	Lumbago with sciatica	08
M54.5	Low back pain	08
M54.6	Pain in thoracic spine	08

ICD-10 WHO	Title	MDC
M54.8	Other dorsalgia	08
M54.9	Dorsalgia, unspecified	08
M60.0	Infective myositis	08
M60.1	Interstitial myositis	08
M60.2	Foreign body granuloma of soft tissue, not elsewhere classified	08
M60.8	Other myositis	08
M60.9	Myositis, unspecified	08
M61.0	Myositis ossificans traumatica	08
M61.1	Myositis ossificans progressiva	08
M61.2	Paralytic calcification and ossification of muscle	08
M61.3	Calcification and ossification of muscles associated with burns	08
M61.4	Other calcification of muscle	08
M61.5	Other ossification of muscle	08
M61.9	Calcification and ossification of muscle, unspecified	08
M62.0	Diastasis of muscle	08
M62.1	Other rupture of muscle (nontraumatic)	08
M62.2	Ischaemic infarction of muscle	08
M62.3	Immobility syndrome (paraplegic)	08
M62.4	Contracture of muscle	08
M62.5	Muscle wasting and atrophy, not elsewhere classified	08
M62.6	Muscle strain	08
M62.8	Other specified disorders of muscle	08
M62.9	Disorder of muscle, unspecified	08
M63.0	Myositis in bacterial diseases classified elsewhere	08
M63.1	Myositis in protozoal and parasitic infections classified elsewhere	08
M63.2	Myositis in other infectious diseases classified elsewhere	08
M63.3	Myositis in sarcoidosis	08
M63.8	Other disorders of muscle in diseases classified elsewhere	08
M65.0	Abscess of tendon sheath	08
M65.1	Other infective (teno)synovitis	08
M65.2	Calcific tendinitis	08
M65.3	Trigger finger	08
M65.4	Radial styloid tenosynovitis [de Quervain]	08
M65.8	Other synovitis and tenosynovitis	08
M65.9	Synovitis and tenosynovitis, unspecified	08
M66.0	Rupture of popliteal cyst	08
M66.1	Rupture of synovium	08
M66.2	Spontaneous rupture of extensor tendons	08
M66.3	Spontaneous rupture of flexor tendons	08
M66.4	Spontaneous rupture of other tendons	08
M66.5	Spontaneous rupture of unspecified tendon	08
M67.0	Short Achilles tendon (acquired)	08
M67.1	Other contracture of tendon (sheath)	08
M67.2	Synovial hypertrophy, not elsewhere classified	08
M67.3	Transient synovitis	08
M67.4	Ganglion	08

ICD-10 WHO	Title	MDC
M67.8	Other specified disorders of synovium and tendon	08
M67.9	Disorder of synovium and tendon, unspecified	08
M68.0	Synovitis and tenosynovitis in bacterial diseases classified elsewhere	08
M68.8	Other disorders of synovium and tendon in diseases classified elsewhere	08
M70.0	Chronic crepitant synovitis of hand and wrist	08
M70.1	Bursitis of hand	08
M70.2	Olecranon bursitis	08
M70.3	Other bursitis of elbow	08
M70.4	Prepatellar bursitis	08
M70.5	Other bursitis of knee	08
M70.6	Trochanteric bursitis	08
M70.7	Other bursitis of hip	08
M70.8	Other soft tissue disorders related to use, overuse and pressure	08
M70.9	Unspecified soft tissue disorder related to use, overuse and pressure	08
M71.0	Abscess of bursa	08
M71.1	Other infective bursitis	08
M71.2	Synovial cyst of popliteal space [Baker]	08
M71.3	Other bursal cyst	08
M71.4	Calcium deposit in bursa	08
M71.5	Other bursitis, not elsewhere classified	08
M71.8	Other specified bursopathies	08
M71.9	Bursopathy, unspecified	08
M72.0	Palmar fascial fibromatosis [Dupuytren]	08
M72.1	Knuckle pads	08
M72.2	Plantar fascial fibromatosis	08
M72.4	Pseudosarcomatous fibromatosis	08
M72.6	Necrotizing fasciitis	08
M72.8	Other fibroblastic disorders	08
M72.9	Fibroblastic disorder, unspecified	08
M73.0	Gonococcal bursitis	08
M73.1	Syphilitic bursitis	08
M73.8	Other soft tissue disorders in diseases classified elsewhere	08
M75.0	Adhesive capsulitis of shoulder	08
M75.1	Rotator cuff syndrome	08
M75.2	Bicipital tendinitis	08
M75.3	Calcific tendinitis of shoulder	08
M75.4	Impingement syndrome of shoulder	08
M75.5	Bursitis of shoulder	08
M75.8	Other shoulder lesions	08
M75.9	Shoulder lesion, unspecified	08
M76.0	Gluteal tendinitis	08
M76.1	Psoas tendinitis	08
M76.2	Iliac crest spur	08
M76.3	Iliotibial band syndrome	08
M76.4	Tibial collateral bursitis [Pellegrini-Stieda]	08
M76.5	Patellar tendinitis	08

ICD-10 WHO	Title	MDC
M76.6	Achilles tendinitis	08
M76.7	Peroneal tendinitis	08
M76.8	Other enthesopathies of lower limb, excluding foot	08
M76.9	Enthesopathy of lower limb, unspecified	08
M77.0	Medial epicondylitis	08
M77.1	Lateral epicondylitis	08
M77.2	Periarthritis of wrist	08
M77.3	Calcaneal spur	08
M77.4	Metatarsalgia	08
M77.5	Other enthesopathy of foot	08
M77.8	Other enthesopathies, not elsewhere classified	08
M77.9	Enthesopathy, unspecified	08
M79.0	Rheumatism, unspecified	08
M79.1	Myalgia	08
M79.4	Hypertrophy of (infrapatellar) fat pad	08
M79.5	Residual foreign body in soft tissue	08
M79.6	Pain in limb	08
M79.7	Fibromyalgia	08
M79.8	Other specified soft tissue disorders	08
M79.9	Soft tissue disorder, unspecified	08
M80.0	Postmenopausal osteoporosis with pathological fracture	08
M80.1	Postoophorectomy osteoporosis with pathological fracture	08
M80.2	Osteoporosis of disuse with pathological fracture	08
M80.3	Postsurgical malabsorption osteoporosis with pathological fracture	08
M80.4	Drug-induced osteoporosis with pathological fracture	08
M80.5	Idiopathic osteoporosis with pathological fracture	08
M80.8	Other osteoporosis with pathological fracture	08
M80.9	Unspecified osteoporosis with pathological fracture	08
M81.0	Postmenopausal osteoporosis	08
M81.1	Postoophorectomy osteoporosis	08
M81.2	Osteoporosis of disuse	08
M81.3	Postsurgical malabsorption osteoporosis	08
M81.4	Drug-induced osteoporosis	08
M81.5	Idiopathic osteoporosis	08
M81.6	Localized osteoporosis [Lequesne]	08
M81.8	Other osteoporosis	08
M81.9	Osteoporosis, unspecified	08
M82.0	Osteoporosis in multiple myelomatosis	08
M82.1	Osteoporosis in endocrine disorders	08
M82.8	Osteoporosis in other diseases classified elsewhere	08
M83.0	Puerperal osteomalacia	08
M83.1	Senile osteomalacia	08
M83.2	Adult osteomalacia due to malabsorption	08
M83.3	Adult osteomalacia due to malnutrition	08
M83.4	Aluminium bone disease	08
M83.5	Other drug-induced osteomalacia in adults	08

ICD-10 WHO	Title	MDC
M83.8	Other adult osteomalacia	08
M83.9	Adult osteomalacia, unspecified	08
M84.0	Malunion of fracture	08
M84.1	Nonunion of fracture [pseudarthrosis]	08
M84.2	Delayed union of fracture	08
M84.3	Stress fracture, not elsewhere classified	08
M84.4	Pathological fracture, not elsewhere classified	08
M84.8	Other disorders of continuity of bone	08
M84.9	Disorder of continuity of bone, unspecified	08
M85.0	Fibrous dysplasia (monostotic)	08
M85.1	Skeletal fluorosis	08
M85.2	Hyperostosis of skull	08
M85.3	Osteitis condensans	08
M85.4	Solitary bone cyst	08
M85.5	Aneurysmal bone cyst	08
M85.6	Other cyst of bone	08
M85.8	Other specified disorders of bone density and structure	08
M85.9	Disorder of bone density and structure, unspecified	08
M86.0	Acute haematogenous osteomyelitis	08
M86.1	Other acute osteomyelitis	08
M86.2	Subacute osteomyelitis	08
M86.3	Chronic multifocal osteomyelitis	08
M86.4	Chronic osteomyelitis with draining sinus	08
M86.5	Other chronic haematogenous osteomyelitis	08
M86.6	Other chronic osteomyelitis	08
M86.8	Other osteomyelitis	08
M86.9	Osteomyelitis, unspecified	08
M87.0	Idiopathic aseptic necrosis of bone	08
M87.1	Osteonecrosis due to drugs	08
M87.2	Osteonecrosis due to previous trauma	08
M87.3	Other secondary osteonecrosis	08
M87.8	Other osteonecrosis	08
M87.9	Osteonecrosis, unspecified	08
M88.0	Paget's disease of skull	08
M88.8	Paget's disease of other bones	08
M88.9	Paget's disease of bone, unspecified	08
M89.1	Epiphyseal arrest	08
M89.2	Other disorders of bone development and growth	08
M89.3	Hypertrophy of bone	08
M89.4	Other hypertrophic osteoarthropathy	08
M89.5	Osteolysis	08
M89.6	Osteopathy after poliomyelitis	08
M89.8	Other specified disorders of bone	08
M89.9	Disorder of bone, unspecified	08
M90.0	Tuberculosis of bone	08
M90.1	Periostitis in other infectious diseases classified elsewhere	08

ICD-10 WHO	Title	MDC
M90.2	Osteopathy in other infectious diseases classified elsewhere	08
M90.3	Osteonecrosis in caisson disease	08
M90.4	Osteonecrosis due to haemoglobinopathy	08
M90.5	Osteonecrosis in other diseases classified elsewhere	08
M90.6	Osteitis deformans in neoplastic disease	08
M90.7	Fracture of bone in neoplastic disease	08
M90.8	Osteopathy in other diseases classified elsewhere	08
M91.0	Juvenile osteochondrosis of pelvis	08
M91.1	Juvenile osteochondrosis of head of femur [Legg-Calvé-Perthes]	08
M91.2	Coxa plana	08
M91.3	Pseudocoxalgia	08
M91.8	Other juvenile osteochondrosis of hip and pelvis	08
M91.9	Juvenile osteochondrosis of hip and pelvis, unspecified	08
M92.0	Juvenile osteochondrosis of humerus	08
M92.1	Juvenile osteochondrosis of radius and ulna	08
M92.2	Juvenile osteochondrosis of hand	08
M92.3	Other juvenile osteochondrosis of upper limb	08
M92.4	Juvenile osteochondrosis of patella	08
M92.5	Juvenile osteochondrosis of tibia and fibula	08
M92.6	Juvenile osteochondrosis of tarsus	08
M92.7	Juvenile osteochondrosis of metatarsus	08
M92.8	Other specified juvenile osteochondrosis	08
M92.9	Juvenile osteochondrosis, unspecified	08
M93.0	Slipped upper femoral epiphysis (nontraumatic)	08
M93.1	Kienbock's disease of adults	08
M93.2	Osteochondritis dissecans	08
M93.8	Other specified osteochondropathies	08
M93.9	Osteochondropathy, unspecified	08
M94.1	Relapsing polychondritis	08
M94.2	Chondromalacia	08
M94.3	Chondrolysis	08
M94.8	Other specified disorders of cartilage	08
M94.9	Disorder of cartilage, unspecified	08
M95.2	Other acquired deformity of head	08
M95.3	Acquired deformity of neck	08
M95.4	Acquired deformity of chest and rib	08
M95.5	Acquired deformity of pelvis	08
M95.8	Other specified acquired deformities of musculoskeletal system	08
M95.9	Acquired deformity of musculoskeletal system, unspecified	08
M96.0	Pseudarthrosis after fusion or arthrodesis	08
M96.1	Postlaminectomy syndrome, not elsewhere classified	08
M96.2	Postradiation kyphosis	08
M96.3	Postlaminectomy kyphosis	08
M96.4	Postsurgical lordosis	08
M96.5	Postradiation scoliosis	08
M96.6	Fracture of bone following insertion of orthopaedic implant, joint prosthesis, or bone	08

ICD-10 WHO	Title	MDC
	plate	
M96.8	Other postprocedural musculoskeletal disorders	08
M96.9	Postprocedural musculoskeletal disorder, unspecified	08
M99.0	Segmental and somatic dysfunction	08
M99.1	Subluxation complex (vertebral)	08
M99.2	Subluxation stenosis of neural canal	08
M99.3	Osseous stenosis of neural canal	08
M99.4	Connective tissue stenosis of neural canal	08
M99.5	Intervertebral disc stenosis of neural canal	08
M99.6	Osseous and subluxation stenosis of intervertebral foramina	08
M99.7	Connective tissue and disc stenosis of intervertebral foramina	08
M99.8	Other biomechanical lesions	08
M99.9	Biomechanical lesion, unspecified	08
Q65.0	Congenital dislocation of hip, unilateral	08
Q65.1	Congenital dislocation of hip, bilateral	08
Q65.2	Congenital dislocation of hip, unspecified	08
Q65.3	Congenital subluxation of hip, unilateral	08
Q65.4	Congenital subluxation of hip, bilateral	08
Q65.5	Congenital subluxation of hip, unspecified	08
Q65.6	Unstable hip	08
Q65.8	Other congenital deformities of hip	08
Q65.9	Congenital deformity of hip, unspecified	08
Q66.0	Talipes equinovarus	08
Q66.1	Talipes calcaneovarus	08
Q66.2	Metatarsus varus	08
Q66.3	Other congenital varus deformities of feet	08
Q66.4	Talipes calcaneovalgus	08
Q66.5	Congenital pes planus	08
Q66.6	Other congenital valgus deformities of feet	08
Q66.7	Pes cavus	08
Q66.8	Other congenital deformities of feet	08
Q66.9	Congenital deformity of feet, unspecified	08
Q67.0	Facial asymmetry	08
Q67.1	Compression facies	08
Q67.2	Dolichocephaly	08
Q67.3	Plagiocephaly	08
Q67.4	Other congenital deformities of skull, face and jaw	08
Q67.5	Congenital deformity of spine	08
Q67.8	Other congenital deformities of chest	08
Q68.0	Congenital deformity of sternocleidomastoid muscle	08
Q68.1	Congenital deformity of hand	08
Q68.2	Congenital deformity of knee	08
Q68.3	Congenital bowing of femur	08
Q68.4	Congenital bowing of tibia and fibula	08
Q68.5	Congenital bowing of long bones of leg, unspecified	08
Q68.8	Other specified congenital musculoskeletal deformities	08

ICD-10 WHO	Title	MDC
Q69.0	Accessory finger(s)	08
Q69.1	Accessory thumb(s)	08
Q69.2	Accessory toe(s)	08
Q69.9	Polydactyly, unspecified	08
Q70.1	Webbed fingers	08
Q70.2	Fused toes	08
Q70.3	Webbed toes	08
Q70.4	Polysyndactyly	08
Q70.9	Syndactyly, unspecified	08
Q71.0	Congenital complete absence of upper limb(s)	08
Q71.1	Congenital absence of upper arm and forearm with hand present	08
Q71.2	Congenital absence of both forearm and hand	08
Q71.3	Congenital absence of hand and finger(s)	08
Q71.4	Longitudinal reduction defect of radius	08
Q71.5	Longitudinal reduction defect of ulna	08
Q71.6	Lobster-claw hand	08
Q71.8	Other reduction defects of upper limb(s)	08
Q71.9	Reduction defect of upper limb, unspecified	08
Q72.0	Congenital complete absence of lower limb(s)	08
Q72.1	Congenital absence of thigh and lower leg with foot present	08
Q72.2	Congenital absence of both lower leg and foot	08
Q72.3	Congenital absence of foot and toe(s)	08
Q72.4	Longitudinal reduction defect of femur	08
Q72.5	Longitudinal reduction defect of tibia	08
Q72.6	Longitudinal reduction defect of fibula	08
Q72.7	Split foot	08
Q72.8	Other reduction defects of lower limb(s)	08
Q72.9	Reduction defect of lower limb, unspecified	08
Q73.0	Congenital absence of unspecified limb(s)	08
Q73.1	Phocomelia, unspecified limb(s)	08
Q73.8	Other reduction defects of unspecified limb(s)	08
Q74.0	Other congenital malformations of upper limb(s), including shoulder girdle	08
Q74.1	Congenital malformation of knee	08
Q74.2	Other congenital malformations of lower limb(s), including pelvic girdle	08
Q74.3	Arthrogryposis multiplex congenita	08
Q74.8	Other specified congenital malformations of limb(s)	08
Q74.9	Unspecified congenital malformation of limb(s)	08
Q75.0	Craniosynostosis	08
Q75.1	Craniofacial dysostosis	08
Q75.2	Hypertelorism	08
Q75.3	Macrocephaly	08
Q75.4	Mandibulofacial dysostosis	08
Q75.5	Oculomandibular dysostosis	08
Q75.8	Other specified congenital malformations of skull and face bones	08
Q75.9	Congenital malformation of skull and face bones, unspecified	08
Q76.1	Klippel-Feil syndrome	08

ICD-10 WHO	Title	MDC
Q76.2	Congenital spondylolisthesis	08
Q76.3	Congenital scoliosis due to congenital bony malformation	08
Q76.4	Other congenital malformations of spine, not associated with scoliosis	08
Q76.5	Cervical rib	08
Q76.8	Other congenital malformations of bony thorax	08
Q76.9	Congenital malformation of bony thorax, unspecified	08
Q77.0	Achondrogenesis	08
Q77.1	Thanatophoric short stature	08
Q77.2	Short rib syndrome	08
Q77.3	Chondrodysplasia punctata	08
Q77.4	Achondroplasia	08
Q77.5	Dystrophic dysplasia	08
Q77.6	Chondroectodermal dysplasia	08
Q77.7	Spondyloepiphyseal dysplasia	08
Q77.8	Other osteochondrodysplasia with defects of growth of tubular bones and spine	08
Q77.9	Osteochondrodysplasia with defects of growth of tubular bones and spine, unspecified	08
Q78.0	Osteogenesis imperfecta	08
Q78.1	Polyostotic fibrous dysplasia	08
Q78.2	Osteopetrosis	08
Q78.3	Progressive diaphyseal dysplasia	08
Q78.4	Enchondromatosis	08
Q78.5	Metaphyseal dysplasia	08
Q78.6	Multiple congenital exostoses	08
Q78.8	Other specified osteochondrodysplasias	08
Q78.9	Osteochondrodysplasia, unspecified	08
Q79.6	Ehlers-Danlos syndrome	08
Q79.8	Other congenital malformations of musculoskeletal system	08
Q79.9	Congenital malformation of musculoskeletal system, unspecified	08
Q87.0	Congenital malformation syndromes predominantly affecting facial appearance	08
R25.2	Cramp and spasm	08
R26.2	Difficulty in walking, not elsewhere classified	08
R29.4	Clicking hip	08
R76.2	False-positive serological test for syphilis	08
R93.6	Abnormal findings on diagnostic imaging of limbs	08
R93.7	Abnormal findings on diagnostic imaging of other parts of musculoskeletal system	08
S03.1	Dislocation of septal cartilage of nose	08
S03.3	Dislocation of other and unspecified parts of head	08
S03.5	Sprain and strain of joints and ligaments of other and unspecified parts of head	08
S09.1	Injury of muscle and tendon of head	08
S12.0	Fracture of first cervical vertebra	08
S12.1	Fracture of second cervical vertebra	08
S12.2	Fracture of other specified cervical vertebra	08
S12.7	Multiple fractures of cervical spine	08
S12.9	Fracture of neck, part unspecified	08
S13.0	Traumatic rupture of cervical intervertebral disc	08

ICD-10 WHO	Title	MDC
S13.1	Dislocation of cervical vertebra	08
S13.2	Dislocation of other and unspecified parts of neck	08
S13.3	Multiple dislocations of neck	08
S13.4	Sprain and strain of cervical spine	08
S13.5	Sprain and strain of thyroid region	08
S13.6	Sprain and strain of joints and ligaments of other and unspecified parts of neck	08
S16	Injury of muscle and tendon at neck level	08
S22.0	Fracture of thoracic vertebra	08
S22.1	Multiple fractures of thoracic spine	08
S22.8	Fracture of other parts of bony thorax	08
S22.9	Fracture of bony thorax, part unspecified	08
S23.0	Traumatic rupture of thoracic intervertebral disc	08
S23.1	Dislocation of thoracic vertebra	08
S23.3	Sprain and strain of thoracic spine	08
S23.5	Sprain and strain of other and unspecified parts of thorax	08
S29.0	Injury of muscle and tendon at thorax level	08
S32.0	Fracture of lumbar vertebra	08
S32.1	Fracture of sacrum	08
S32.2	Fracture of coccyx	08
S32.3	Fracture of ilium	08
S32.4	Fracture of acetabulum	08
S32.5	Fracture of pubis	08
S32.7	Multiple fractures of lumbar spine and pelvis	08
S32.8	Fracture of other and unspecified parts of lumbar spine and pelvis	08
S33.0	Traumatic rupture of lumbar intervertebral disc	08
S33.1	Dislocation of lumbar vertebra	08
S33.2	Dislocation of sacroiliac and sacrococcygeal joint	08
S33.3	Dislocation of other and unspecified parts of lumbar spine and pelvis	08
S33.4	Traumatic rupture of symphysis pubis	08
S33.5	Sprain and strain of lumbar spine	08
S33.6	Sprain and strain of sacroiliac joint	08
S33.7	Sprain and strain of other and unspecified parts of lumbar spine and pelvis	08
S39.0	Injury of muscle and tendon of abdomen, lower back and pelvis	08
S42.0	Fracture of clavicle	08
S42.1	Fracture of scapula	08
S42.2	Fracture of upper end of humerus	08
S42.3	Fracture of shaft of humerus	08
S42.4	Fracture of lower end of humerus	08
S42.7	Multiple fractures of clavicle, scapula and humerus	08
S42.8	Fracture of other parts of shoulder and upper arm	08
S42.9	Fracture of shoulder girdle, part unspecified	08
S43.0	Dislocation of shoulder joint	08
S43.1	Dislocation of acromioclavicular joint	08
S43.2	Dislocation of sternoclavicular joint	08
S43.3	Dislocation of other and unspecified parts of shoulder girdle	08
S43.4	Sprain and strain of shoulder joint	08

ICD-10 WHO	Title	MDC
S43.5	Sprain and strain of acromioclavicular joint	08
S43.7	Sprain and strain of other and unspecified parts of shoulder girdle	08
S46.0	Injury of tendon of the rotator cuff of shoulder	08
S46.1	Injury of muscle and tendon of long head of biceps	08
S46.2	Injury of muscle and tendon of other parts of biceps	08
S46.3	Injury of muscle and tendon of triceps	08
S46.7	Injury of multiple muscles and tendons at shoulder and upper arm level	08
S46.8	Injury of other muscles and tendons at shoulder and upper arm level	08
S46.9	Injury of unspecified muscle and tendon at shoulder and upper arm level	08
S52.0	Fracture of upper end of ulna	08
S52.1	Fracture of upper end of radius	08
S52.2	Fracture of shaft of ulna	08
S52.3	Fracture of shaft of radius	08
S52.4	Fracture of shafts of both ulna and radius	08
S52.5	Fracture of lower end of radius	08
S52.6	Fracture of lower end of both ulna and radius	08
S52.7	Multiple fractures of forearm	08
S52.8	Fracture of other parts of forearm	08
S52.9	Fracture of forearm, part unspecified	08
S53.0	Dislocation of radial head	08
S53.1	Dislocation of elbow, unspecified	08
S53.2	Traumatic rupture of radial collateral ligament	08
S53.3	Traumatic rupture of ulnar collateral ligament	08
S53.4	Sprain and strain of elbow	08
S56.0	Injury of flexor muscle and tendon of thumb at forearm level	08
S56.1	Injury of long flexor muscle and tendon of other finger(s) at forearm level	08
S56.2	Injury of other flexor muscle and tendon at forearm level	08
S56.3	Injury of extensor or abductor muscles and tendons of thumb at forearm level	08
S56.4	Injury of extensor muscle and tendon of other finger(s) at forearm level	08
S56.5	Injury of other extensor muscle and tendon at forearm level	08
S56.7	Injury of multiple muscles and tendons at forearm level	08
S56.8	Injury of other and unspecified muscles and tendons at forearm level	08
S62.0	Fracture of navicular [scaphoid] bone of hand	08
S62.1	Fracture of other carpal bone(s)	08
S62.2	Fracture of first metacarpal bone	08
S62.3	Fracture of other metacarpal bone	08
S62.4	Multiple fractures of metacarpal bones	08
S62.5	Fracture of thumb	08
S62.6	Fracture of other finger	08
S62.7	Multiple fractures of fingers	08
S62.8	Fracture of other and unspecified parts of wrist and hand	08
S63.0	Dislocation of wrist	08
S63.1	Dislocation of finger	08
S63.2	Multiple dislocations of fingers	08
S63.3	Traumatic rupture of ligament of wrist and carpus	08
S63.4	Traumatic rupture of ligament of finger at metacarpophalangeal and interphalangeal	08

ICD-10 WHO	Title	MDC
	joint(s)	
S63.5	Sprain and strain of wrist	08
S63.6	Sprain and strain of finger(s)	08
S63.7	Sprain and strain of other and unspecified parts of hand	08
S66.0	Injury of long flexor muscle and tendon of thumb at wrist and hand level	08
S66.1	Injury of flexor muscle and tendon of other finger at wrist and hand level	08
S66.2	Injury of extensor muscle and tendon of thumb at wrist and hand level	08
S66.3	Injury of extensor muscle and tendon of other finger at wrist and hand level	08
S66.4	Injury of intrinsic muscle and tendon of thumb at wrist and hand level	08
S66.5	Injury of intrinsic muscle and tendon of other finger at wrist and hand level	08
S66.6	Injury of multiple flexor muscles and tendons at wrist and hand level	08
S66.7	Injury of multiple extensor muscles and tendons at wrist and hand level	08
S66.8	Injury of other muscles and tendons at wrist and hand level	08
S66.9	Injury of unspecified muscle and tendon at wrist and hand level	08
S72.0	Fracture of neck of femur	08
S72.1	Pertrochanteric fracture	08
S72.2	Subtrochanteric fracture	08
S72.3	Fracture of shaft of femur	08
S72.4	Fracture of lower end of femur	08
S72.7	Multiple fractures of femur	08
S72.8	Fractures of other parts of femur	08
S72.9	Fracture of femur, part unspecified	08
S73.0	Dislocation of hip	08
S73.1	Sprain and strain of hip	08
S76.0	Injury of muscle and tendon of hip	08
S76.1	Injury of quadriceps muscle and tendon	08
S76.2	Injury of adductor muscle and tendon of thigh	08
S76.3	Injury of muscle and tendon of the posterior muscle group at thigh level	08
S76.4	Injury of other and unspecified muscles and tendons at thigh level	08
S76.7	Injury of multiple muscles and tendons at hip and thigh level	08
S82.0	Fracture of patella	08
S82.1	Fracture of upper end of tibia	08
S82.2	Fracture of shaft of tibia	08
S82.3	Fracture of lower end of tibia	08
S82.4	Fracture of fibula alone	08
S82.5	Fracture of medial malleolus	08
S82.6	Fracture of lateral malleolus	08
S82.7	Multiple fractures of lower leg	08
S82.8	Fractures of other parts of lower leg	08
S82.9	Fracture of lower leg, part unspecified	08
S83.0	Dislocation of patella	08
S83.1	Dislocation of knee	08
S83.2	Tear of meniscus, current	08
S83.3	Tear of articular cartilage of knee, current	08
S83.4	Sprain and strain involving (fibular)(tibial) collateral ligament of knee	08
S83.5	Sprain and strain involving (anterior)(posterior) cruciate ligament of knee	08

ICD-10 WHO	Title	MDC
S83.6	Sprain and strain of other and unspecified parts of knee	08
S83.7	Injury to multiple structures of knee	08
S86.0	Injury of Achilles tendon	08
S86.1	Injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level	08
S86.2	Injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level	08
S86.3	Injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level	08
S86.7	Injury of multiple muscles and tendons at lower leg level	08
S86.8	Injury of other muscles and tendons at lower leg level	08
S86.9	Injury of unspecified muscle and tendon at lower leg level	08
S92.0	Fracture of calcaneus	08
S92.1	Fracture of talus	08
S92.2	Fracture of other tarsal bone(s)	08
S92.3	Fracture of metatarsal bone	08
S92.4	Fracture of great toe	08
S92.5	Fracture of other toe	08
S92.7	Multiple fractures of foot	08
S92.9	Fracture of foot, unspecified	08
S93.0	Dislocation of ankle joint	08
S93.1	Dislocation of toe(s)	08
S93.2	Rupture of ligaments at ankle and foot level	08
S93.3	Dislocation of other and unspecified parts of foot	08
S93.4	Sprain and strain of ankle	08
S93.5	Sprain and strain of toe(s)	08
S93.6	Sprain and strain of other and unspecified parts of foot	08
S96.0	Injury of muscle and tendon of long flexor muscle of toe at ankle and foot level	08
S96.1	Injury of muscle and tendon of long extensor muscle of toe at ankle and foot level	08
S96.2	Injury of intrinsic muscle and tendon at ankle and foot level	08
S96.7	Injury of multiple muscles and tendons at ankle and foot level	08
S96.8	Injury of other muscles and tendons at ankle and foot level	08
S96.9	Injury of unspecified muscle and tendon at ankle and foot level	08
T02.1	Fractures involving thorax with lower back and pelvis	08
T02.2	Fractures involving multiple regions of one upper limb	08
T02.3	Fractures involving multiple regions of one lower limb	08
T02.8	Fractures involving other combinations of body regions	08
T02.9	Multiple fractures, unspecified	08
T03.0	Dislocations, sprains and strains involving head with neck	08
T03.1	Dislocations, sprains and strains involving thorax with lower back and pelvis	08
T03.2	Dislocations, sprains and strains involving multiple regions of upper limb(s)	08
T03.3	Dislocations, sprains and strains involving multiple regions of lower limb(s)	08
T03.4	Dislocations, sprains and strains involving multiple regions of upper limb(s) with lower limb(s)	08
T03.8	Dislocations, sprains and strains involving other combinations of body regions	08
T03.9	Multiple dislocations, sprains and strains, unspecified	08
T06.4	Injuries of muscles and tendons involving multiple body regions	08
T08	Fracture of spine, level unspecified	08
T09.2	Dislocation, sprain and strain of unspecified joint and ligament of trunk	08

ICD-10 WHO	Title	MDC
T09.5	Injury of unspecified muscle and tendon of trunk	08
T10	Fracture of upper limb, level unspecified	08
T11.2	Dislocation, sprain and strain of unspecified joint and ligament of upper limb, level unspecified	08
T11.5	Injury of unspecified muscle and tendon of upper limb, level unspecified	08
T12	Fracture of lower limb, level unspecified	08
T13.2	Dislocation, sprain and strain of unspecified joint and ligament of lower limb, level unspecified	08
T13.5	Injury of unspecified muscle and tendon of lower limb, level unspecified	08
T14.2	Fracture of unspecified body region	08
T14.3	Dislocation, sprain and strain of unspecified body region	08
T14.6	Injury of muscles and tendons of unspecified body region	08
T79.6	Traumatic ischaemia of muscle	08
T84.0	Mechanical complication of internal joint prosthesis	08
T84.1	Mechanical complication of internal fixation device of bones of limb	08
T84.2	Mechanical complication of internal fixation device of other bones	08
T84.3	Mechanical complication of other bone devices, implants and grafts	08
T84.4	Mechanical complication of other internal orthopaedic devices, implants and grafts	08
T84.5	Infection and inflammatory reaction due to internal joint prosthesis	08
T84.6	Infection and inflammatory reaction due to internal fixation device [any site]	08
T84.7	Infection and inflammatory reaction due to other internal orthopaedic prosthetic devices, implants and grafts	08
T84.8	Other complications of internal orthopaedic prosthetic devices, implants and grafts	08
T84.9	Unspecified complication of internal orthopaedic prosthetic device, implant and graft	08
T87.0	Complications of reattached (part of) upper extremity	08
T87.1	Complications of reattached (part of) lower extremity	08
T87.2	Complications of other reattached body part	08
T87.3	Neuroma of amputation stump	08
T87.4	Infection of amputation stump	08
T87.5	Necrosis of amputation stump	08
T87.6	Other and unspecified complications of amputation stump	08
T91.1	Sequelae of fracture of spine	08
T91.2	Sequelae of other fracture of thorax and pelvis	08
T92.1	Sequelae of fracture of arm	08
T92.2	Sequelae of fracture at wrist and hand level	08
T92.3	Sequelae of dislocation, sprain and strain of upper limb	08
T92.5	Sequelae of injury of muscle and tendon of upper limb	08
T92.6	Sequelae of crushing injury and traumatic amputation of upper limb	08
T93.1	Sequelae of fracture of femur	08
T93.2	Sequelae of other fractures of lower limb	08
T93.3	Sequelae of dislocation, sprain and strain of lower limb	08
T93.5	Sequelae of injury of muscle and tendon of lower limb	08
T93.6	Sequelae of crushing injury and traumatic amputation of lower limb	08
T94.0	Sequelae of injuries involving multiple body regions	08
Z44.0	Fitting and adjustment of artificial arm (complete)(partial)	08
Z44.1	Fitting and adjustment of artificial leg (complete)(partial)	08

ICD-10 WHO	Title	MDC
Z46.7	Fitting and adjustment of orthopaedic device	08
Z47.0	Follow-up care involving removal of fracture plate and other internal fixation device	08
Z47.8	Other specified orthopaedic follow-up care	08
Z47.9	Orthopaedic follow-up care, unspecified	08
Z52.2	Bone donor	08
Z94.6	Bone transplant status	08
Z96.6	Presence of orthopaedic joint implants	08
Z96.9	Presence of functional implant, unspecified	08
Z97.1	Presence of artificial limb (complete)(partial)	08

M-2 Code list for MDC-9 (Decubitus ulcer)

ICD-10 WHO	Title	MDC
A06.7	Cutaneous amoebiasis	09
A18.4	Tuberculosis of skin and subcutaneous tissue	09
A22.0	Cutaneous anthrax	09
A31.1	Cutaneous mycobacterial infection	09
A36.3	Cutaneous diphtheria	09
A42.2	Cervicofacial actinomycosis	09
A43.1	Cutaneous nocardiosis	09
A46	Erysipelas	09
A51.3	Secondary syphilis of skin and mucous membranes	09
A63.0	Anogenital (venereal) warts	09
A66.0	Initial lesions of yaws	09
A66.1	Multiple papillomata and wet crab yaws	09
A66.2	Other early skin lesions of yaws	09
A66.3	Hyperkeratosis of yaws	09
A66.4	Gummata and ulcers of yaws	09
A67.0	Primary lesions of pinta	09
A67.1	Intermediate lesions of pinta	09
A67.3	Mixed lesions of pinta	09
B00.0	Eczema herpeticum	09
B00.9	Herpesviral infection, unspecified	09
B02.9	Zoster without complication	09
B07	Viral warts	09
B08.1	Molluscum contagiosum	09
B35.0	Tinea barbae and tinea capitis	09
B35.1	Tinea unguium	09
B35.2	Tinea manuum	09
B35.3	Tinea pedis	09
B35.4	Tinea corporis	09
B35.5	Tinea imbricata	09
B35.6	Tinea cruris	09
B35.8	Other dermatophytoses	09
B35.9	Dermatophytosis, unspecified	09
B36.0	Pityriasis versicolor	09
B36.1	Tinea nigra	09
B36.2	White piedra	09
B36.3	Black piedra	09
B36.8	Other specified superficial mycoses	09
B36.9	Superficial mycosis, unspecified	09
B37.2	Candidiasis of skin and nail	09
B38.3	Cutaneous coccidioidomycosis	09
B55.1	Cutaneous leishmaniasis	09
B55.2	Mucocutaneous leishmaniasis	09
B65.3	Cercarial dermatitis	09
B85.0	Pediculosis due to <i>Pediculus humanus capitis</i>	09

ICD-10 WHO	Title	MDC
B85.1	Pediculosis due to <i>Pediculus humanus corporis</i>	09
B85.2	Pediculosis, unspecified	09
B85.3	Phthiriasis	09
B85.4	Mixed pediculosis and phthiriasis	09
B86	Scabies	09
B87.0	Cutaneous myiasis	09
B87.1	Wound myiasis	09
B87.2	Ocular myiasis	09
B87.3	Nasopharyngeal myiasis	09
B87.4	Aural myiasis	09
B87.8	Myiasis of other sites	09
B87.9	Myiasis, unspecified	09
B88.0	Other acariasis	09
B88.1	Tungiasis [sandflea infestation]	09
B88.2	Other arthropod infestations	09
B88.3	External hirudiniasis	09
B88.9	Infestation, unspecified	09
C43.0	Malignant neoplasm: Malignant melanoma of lip	09
C43.2	Malignant neoplasm: Malignant melanoma of ear and external auricular canal	09
C43.3	Malignant neoplasm: Malignant melanoma of other and unspecified parts of face	09
C43.4	Malignant neoplasm: Malignant melanoma of scalp and neck	09
C43.5	Malignant neoplasm: Malignant melanoma of trunk	09
C43.6	Malignant neoplasm: Malignant melanoma of upper limb, including shoulder	09
C43.7	Malignant neoplasm: Malignant melanoma of lower limb, including hip	09
C43.8	Malignant neoplasm: Overlapping malignant melanoma of skin	09
C43.9	Malignant neoplasm: Malignant melanoma of skin, unspecified	09
C44.0	Malignant neoplasm: Skin of lip	09
C44.2	Malignant neoplasm: Skin of ear and external auricular canal	09
C44.3	Malignant neoplasm: Skin of other and unspecified parts of face	09
C44.4	Malignant neoplasm: Skin of scalp and neck	09
C44.5	Malignant neoplasm: Skin of trunk	09
C44.6	Malignant neoplasm: Skin of upper limb, including shoulder	09
C44.7	Malignant neoplasm: Skin of lower limb, including hip	09
C44.8	Malignant neoplasm: Overlapping lesion of skin	09
C44.9	Malignant neoplasm: Malignant neoplasm of skin, unspecified	09
C46.0	Kaposi's sarcoma of skin	09
C46.1	Kaposi's sarcoma of soft tissue	09
C46.7	Kaposi's sarcoma of other sites	09
C46.8	Kaposi's sarcoma of multiple organs	09
C46.9	Kaposi's sarcoma, unspecified	09
C50.0	Malignant neoplasm: Nipple and areola	09
C50.1	Malignant neoplasm: Central portion of breast	09
C50.2	Malignant neoplasm: Upper-inner quadrant of breast	09
C50.3	Malignant neoplasm: Lower-inner quadrant of breast	09
C50.4	Malignant neoplasm: Upper-outer quadrant of breast	09
C50.5	Malignant neoplasm: Lower-outer quadrant of breast	09

ICD-10 WHO	Title	MDC
C50.6	Malignant neoplasm: Axillary tail of breast	09
C50.8	Malignant neoplasm: Overlapping lesion of breast	09
C50.9	Malignant neoplasm: Breast, unspecified	09
C79.2	Secondary malignant neoplasm of skin	09
C79.8	Secondary malignant neoplasm of other specified sites	09
D03.0	Melanoma in situ of lip	09
D03.2	Melanoma in situ of ear and external auricular canal	09
D03.3	Melanoma in situ of other and unspecified parts of face	09
D03.4	Melanoma in situ of scalp and neck	09
D03.5	Melanoma in situ of trunk	09
D03.6	Melanoma in situ of upper limb, including shoulder	09
D03.7	Melanoma in situ of lower limb, including hip	09
D03.8	Melanoma in situ of other sites	09
D03.9	Melanoma in situ, unspecified	09
D04.0	Carcinoma in situ: Skin of lip	09
D04.2	Carcinoma in situ: Skin of ear and external auricular canal	09
D04.3	Carcinoma in situ: Skin of other and unspecified parts of face	09
D04.4	Carcinoma in situ: Skin of scalp and neck	09
D04.5	Carcinoma in situ: Skin of trunk	09
D04.6	Carcinoma in situ: Skin of upper limb, including shoulder	09
D04.7	Carcinoma in situ: Skin of lower limb, including hip	09
D04.8	Carcinoma in situ: Skin of other sites	09
D04.9	Carcinoma in situ: Skin, unspecified	09
D05.0	Lobular carcinoma in situ	09
D05.1	Intraductal carcinoma in situ	09
D05.7	Other carcinoma in situ of breast	09
D05.9	Carcinoma in situ of breast, unspecified	09
D17.0	Benign lipomatous neoplasm of skin and subcutaneous tissue of head, face and neck	09
D17.1	Benign lipomatous neoplasm of skin and subcutaneous tissue of trunk	09
D17.2	Benign lipomatous neoplasm of skin and subcutaneous tissue of limbs	09
D17.3	Benign lipomatous neoplasm of skin and subcutaneous tissue of other and unspecified sites	09
D17.7	Benign lipomatous neoplasm of other sites	09
D17.9	Benign lipomatous neoplasm, unspecified	09
D18.0	Haemangioma, any site	09
D22.0	Melanocytic naevi of lip	09
D22.2	Melanocytic naevi of ear and external auricular canal	09
D22.3	Melanocytic naevi of other and unspecified parts of face	09
D22.4	Melanocytic naevi of scalp and neck	09
D22.5	Melanocytic naevi of trunk	09
D22.6	Melanocytic naevi of upper limb, including shoulder	09
D22.7	Melanocytic naevi of lower limb, including hip	09
D22.9	Melanocytic naevi, unspecified	09
D23.0	Benign neoplasm: Skin of lip	09
D23.2	Benign neoplasm: Skin of ear and external auricular canal	09
D23.3	Benign neoplasm: Skin of other and unspecified parts of face	09

ICD-10 WHO	Title	MDC
D23.4	Benign neoplasm: Skin of scalp and neck	09
D23.5	Benign neoplasm: Skin of trunk	09
D23.6	Benign neoplasm: Skin of upper limb, including shoulder	09
D23.7	Benign neoplasm: Skin of lower limb, including hip	09
D23.9	Benign neoplasm: Skin, unspecified	09
D24	Benign neoplasm of breast	09
D48.5	Neoplasm of uncertain or unknown behaviour: Skin	09
D48.6	Neoplasm of uncertain or unknown behaviour: Breast	09
H02.6	Xanthelasma of eyelid	09
I78.1	Naevus, non-neoplastic	09
I89.0	Lymphoedema, not elsewhere classified	09
I89.1	Lymphangitis	09
I97.2	Postmastectomy lymphoedema syndrome	09
L00	Staphylococcal scalded skin syndrome	09
L01.0	Impetigo [any organism] [any site]	09
L01.1	Impetiginization of other dermatoses	09
L02.0	Cutaneous abscess, furuncle and carbuncle of face	09
L02.1	Cutaneous abscess, furuncle and carbuncle of neck	09
L02.2	Cutaneous abscess, furuncle and carbuncle of trunk	09
L02.3	Cutaneous abscess, furuncle and carbuncle of buttock	09
L02.4	Cutaneous abscess, furuncle and carbuncle of limb	09
L02.8	Cutaneous abscess, furuncle and carbuncle of other sites	09
L02.9	Cutaneous abscess, furuncle and carbuncle, unspecified	09
L03.0	Cellulitis of finger and toe	09
L03.1	Cellulitis of other parts of limb	09
L03.2	Cellulitis of face	09
L03.3	Cellulitis of trunk	09
L03.8	Cellulitis of other sites	09
L03.9	Cellulitis, unspecified	09
L05.0	Pilonidal cyst with abscess	09
L05.9	Pilonidal cyst without abscess	09
L08.0	Pyoderma	09
L08.1	Erythrasma	09
L08.8	Other specified local infections of skin and subcutaneous tissue	09
L08.9	Local infection of skin and subcutaneous tissue, unspecified	09
L10.0	Pemphigus vulgaris	09
L10.1	Pemphigus vegetans	09
L10.2	Pemphigus foliaceus	09
L10.3	Brazilian pemphigus [fogo selvagem]	09
L10.4	Pemphigus erythematosus	09
L10.5	Drug-induced pemphigus	09
L10.8	Other pemphigus	09
L10.9	Pemphigus, unspecified	09
L11.0	Acquired keratosis follicularis	09
L11.1	Transient acantholytic dermatosis [Grover]	09
L11.8	Other specified acantholytic disorders	09

ICD-10 WHO	Title	MDC
L11.9	Acantholytic disorder, unspecified	09
L12.0	Bullous pemphigoid	09
L12.1	Cicatricial pemphigoid	09
L12.2	Chronic bullous disease of childhood	09
L12.3	Acquired epidermolysis bullosa	09
L12.8	Other pemphigoid	09
L12.9	Pemphigoid, unspecified	09
L13.0	Dermatitis herpetiformis	09
L13.1	Subcorneal pustular dermatitis	09
L13.8	Other specified bullous disorders	09
L13.9	Bullous disorder, unspecified	09
L14	Bullous disorders in diseases classified elsewhere	09
L20.0	Besnier's prurigo	09
L20.8	Other atopic dermatitis	09
L20.9	Atopic dermatitis, unspecified	09
L21.0	Seborrhoea capitis	09
L21.1	Seborrhoeic infantile dermatitis	09
L21.8	Other seborrhoeic dermatitis	09
L21.9	Seborrhoeic dermatitis, unspecified	09
L22	Diaper [napkin] dermatitis	09
L23.0	Allergic contact dermatitis due to metals	09
L23.1	Allergic contact dermatitis due to adhesives	09
L23.2	Allergic contact dermatitis due to cosmetics	09
L23.3	Allergic contact dermatitis due to drugs in contact with skin	09
L23.4	Allergic contact dermatitis due to dyes	09
L23.5	Allergic contact dermatitis due to other chemical products	09
L23.6	Allergic contact dermatitis due to food in contact with skin	09
L23.7	Allergic contact dermatitis due to plants, except food	09
L23.8	Allergic contact dermatitis due to other agents	09
L23.9	Allergic contact dermatitis, unspecified cause	09
L24.0	Irritant contact dermatitis due to detergents	09
L24.1	Irritant contact dermatitis due to oils and greases	09
L24.2	Irritant contact dermatitis due to solvents	09
L24.3	Irritant contact dermatitis due to cosmetics	09
L24.4	Irritant contact dermatitis due to drugs in contact with skin	09
L24.5	Irritant contact dermatitis due to other chemical products	09
L24.6	Irritant contact dermatitis due to food in contact with skin	09
L24.7	Irritant contact dermatitis due to plants, except food	09
L24.8	Irritant contact dermatitis due to other agents	09
L24.9	Irritant contact dermatitis, unspecified cause	09
L25.0	Unspecified contact dermatitis due to cosmetics	09
L25.1	Unspecified contact dermatitis due to drugs in contact with skin	09
L25.2	Unspecified contact dermatitis due to dyes	09
L25.3	Unspecified contact dermatitis due to other chemical products	09
L25.4	Unspecified contact dermatitis due to food in contact with skin	09
L25.5	Unspecified contact dermatitis due to plants, except food	09

ICD-10 WHO	Title	MDC
L25.8	Unspecified contact dermatitis due to other agents	09
L25.9	Unspecified contact dermatitis, unspecified cause	09
L26	Exfoliative dermatitis	09
L27.0	Generalized skin eruption due to drugs and medicaments	09
L27.1	Localized skin eruption due to drugs and medicaments	09
L27.2	Dermatitis due to ingested food	09
L27.8	Dermatitis due to other substances taken internally	09
L27.9	Dermatitis due to unspecified substance taken internally	09
L28.0	Lichen simplex chronicus	09
L28.1	Prurigo nodularis	09
L28.2	Other prurigo	09
L29.0	Pruritus ani	09
L29.8	Other pruritus	09
L29.9	Pruritus, unspecified	09
L30.0	Nummular dermatitis	09
L30.1	Dyshidrosis [pompholyx]	09
L30.2	Cutaneous autosensitization	09
L30.3	Infective dermatitis	09
L30.4	Erythema intertrigo	09
L30.5	Pityriasis alba	09
L30.8	Other specified dermatitis	09
L30.9	Dermatitis, unspecified	09
L40.0	Psoriasis vulgaris	09
L40.1	Generalized pustular psoriasis	09
L40.2	Acrodermatitis continua	09
L40.3	Pustulosis palmaris et plantaris	09
L40.4	Guttate psoriasis	09
L40.8	Other psoriasis	09
L40.9	Psoriasis, unspecified	09
L41.0	Pityriasis lichenoides et varioliformis acuta	09
L41.1	Pityriasis lichenoides chronica	09
L41.2	Lymphomatoid papulosis	09
L41.3	Small plaque parapsoriasis	09
L41.4	Large plaque parapsoriasis	09
L41.5	Retiform parapsoriasis	09
L41.8	Other parapsoriasis	09
L41.9	Parapsoriasis, unspecified	09
L42	Pityriasis rosea	09
L43.0	Hypertrophic lichen planus	09
L43.1	Bullous lichen planus	09
L43.2	Lichenoid drug reaction	09
L43.3	Subacute (active) lichen planus	09
L43.8	Other lichen planus	09
L43.9	Lichen planus, unspecified	09
L44.0	Pityriasis rubra pilaris	09
L44.1	Lichen nitidus	09

ICD-10 WHO	Title	MDC
L44.2	Lichen striatus	09
L44.3	Lichen ruber moniliformis	09
L44.4	Infantile papular acrodermatitis [Giannotti-Crosti]	09
L44.8	Other specified papulosquamous disorders	09
L44.9	Papulosquamous disorder, unspecified	09
L45	Papulosquamous disorders in diseases classified elsewhere	09
L50.0	Allergic urticaria	09
L50.1	Idiopathic urticaria	09
L50.2	Urticaria due to cold and heat	09
L50.3	Dermatographic urticaria	09
L50.4	Vibratory urticaria	09
L50.5	Cholinergic urticaria	09
L50.6	Contact urticaria	09
L50.8	Other urticaria	09
L50.9	Urticaria, unspecified	09
L51.0	Nonbullous erythema multiforme	09
L51.1	Bullous erythema multiforme	09
L51.2	Toxic epidermal necrolysis [Lyell]	09
L51.8	Other erythema multiforme	09
L51.9	Erythema multiforme, unspecified	09
L52	Erythema nodosum	09
L53.0	Toxic erythema	09
L53.1	Erythema annulare centrifugum	09
L53.2	Erythema marginatum	09
L53.3	Other chronic figurate erythema	09
L53.8	Other specified erythematous conditions	09
L53.9	Erythematous condition, unspecified	09
L54.0	Erythema marginatum in acute rheumatic fever	09
L54.8	Erythema in other diseases classified elsewhere	09
L55.0	Sunburn of first degree	09
L55.1	Sunburn of second degree	09
L55.2	Sunburn of third degree	09
L55.8	Other sunburn	09
L55.9	Sunburn, unspecified	09
L56.0	Drug phototoxic response	09
L56.1	Drug photoallergic response	09
L56.2	Photocontact dermatitis [berloque dermatitis]	09
L56.3	Solar urticaria	09
L56.4	Polymorphous light eruption	09
L56.8	Other specified acute skin changes due to ultraviolet radiation	09
L56.9	Acute skin change due to ultraviolet radiation, unspecified	09
L57.0	Actinic keratosis	09
L57.1	Actinic reticuloid	09
L57.2	Cutis rhomboidalis nuchae	09
L57.3	Poikiloderma of Civatte	09
L57.4	Cutis laxa senilis	09

ICD-10 WHO	Title	MDC
L57.5	Actinic granuloma	09
L57.8	Other skin changes due to chronic exposure to nonionizing radiation	09
L57.9	Skin changes due to chronic exposure to nonionizing radiation, unspecified	09
L58.0	Acute radiodermatitis	09
L58.1	Chronic radiodermatitis	09
L58.9	Radiodermatitis, unspecified	09
L59.0	Erythema ab igne [dermatitis ab igne]	09
L59.8	Other specified disorders of skin and subcutaneous tissue related to radiation	09
L59.9	Disorder of skin and subcutaneous tissue related to radiation, unspecified	09
L60.0	Ingrowing nail	09
L60.1	Onycholysis	09
L60.2	Onychogryphosis	09
L60.3	Nail dystrophy	09
L60.4	Beau's lines	09
L60.5	Yellow nail syndrome	09
L60.8	Other nail disorders	09
L60.9	Nail disorder, unspecified	09
L62.0	Clubbed nail pachydermoperiostosis	09
L62.8	Nail disorders in other diseases classified elsewhere	09
L63.0	Alopecia (capitis) totalis	09
L63.1	Alopecia universalis	09
L63.2	Ophiasis	09
L63.8	Other alopecia areata	09
L63.9	Alopecia areata, unspecified	09
L64.0	Drug-induced androgenic alopecia	09
L64.8	Other androgenic alopecia	09
L64.9	Androgenic alopecia, unspecified	09
L65.0	Telogen effluvium	09
L65.1	Anagen effluvium	09
L65.2	Alopecia mucinosa	09
L65.8	Other specified nonscarring hair loss	09
L65.9	Nonscarring hair loss, unspecified	09
L66.0	Pseudopelade	09
L66.1	Lichen planopilaris	09
L66.2	Folliculitis decalvans	09
L66.3	Perifolliculitis capitis abscedens	09
L66.4	Folliculitis ulerythematososa reticulata	09
L66.8	Other cicatricial alopecia	09
L66.9	Cicatricial alopecia, unspecified	09
L67.0	Trichorrhexis nodosa	09
L67.1	Variations in hair colour	09
L67.8	Other hair colour and hair shaft abnormalities	09
L67.9	Hair colour and hair shaft abnormality, unspecified	09
L68.0	Hirsutism	09
L68.1	Acquired hypertrichosis lanuginosa	09
L68.2	Localized hypertrichosis	09

ICD-10 WHO	Title	MDC
L68.3	Polytrichia	09
L68.8	Other hypertrichosis	09
L68.9	Hypertrichosis, unspecified	09
L70.0	Acne vulgaris	09
L70.1	Acne conglobata	09
L70.2	Acne varioliformis	09
L70.3	Acne tropica	09
L70.4	Infantile acne	09
L70.5	Acné excoriée des jeunes filles	09
L70.8	Other acne	09
L70.9	Acne, unspecified	09
L71.0	Perioral dermatitis	09
L71.1	Rhinophyma	09
L71.8	Other rosacea	09
L71.9	Rosacea, unspecified	09
L72.0	Epidermal cyst	09
L72.1	Trichilemmal cyst	09
L72.2	Steatocystoma multiplex	09
L72.8	Other follicular cysts of skin and subcutaneous tissue	09
L72.9	Follicular cyst of skin and subcutaneous tissue, unspecified	09
L73.0	Acne keloid	09
L73.1	Pseudofolliculitis barbae	09
L73.2	Hidradenitis suppurativa	09
L73.8	Other specified follicular disorders	09
L73.9	Follicular disorder, unspecified	09
L74.0	Miliaria rubra	09
L74.1	Miliaria crystallina	09
L74.2	Miliaria profunda	09
L74.3	Miliaria, unspecified	09
L74.4	Anhidrosis	09
L74.8	Other eccrine sweat disorders	09
L74.9	Eccrine sweat disorder, unspecified	09
L75.0	Bromhidrosis	09
L75.1	Chromhidrosis	09
L75.2	Apocrine miliaria	09
L75.8	Other apocrine sweat disorders	09
L75.9	Apocrine sweat disorder, unspecified	09
L80	Vitiligo	09
L81.0	Postinflammatory hyperpigmentation	09
L81.1	Chloasma	09
L81.2	Freckles	09
L81.3	Café au lait spots	09
L81.4	Other melanin hyperpigmentation	09
L81.5	Leukoderma, not elsewhere classified	09
L81.6	Other disorders of diminished melanin formation	09
L81.7	Pigmented purpuric dermatosis	09

ICD-10 WHO	Title	MDC
L81.8	Other specified disorders of pigmentation	09
L81.9	Disorder of pigmentation, unspecified	09
L82	Seborrhoeic keratosis	09
L83	Acanthosis nigricans	09
L84	Corns and callosities	09
L85.0	Acquired ichthyosis	09
L85.1	Acquired keratosis [keratoderma] palmaris et plantaris	09
L85.2	Keratosis punctata (palmaris et plantaris)	09
L85.3	Xerosis cutis	09
L85.8	Other specified epidermal thickening	09
L85.9	Epidermal thickening, unspecified	09
L86	Keratoderma in diseases classified elsewhere	09
L87.0	Keratosis follicularis et parafollicularis in cutem penetrans [Kyrle]	09
L87.2	Elastosis perforans serpiginosa	09
L87.8	Other transepidermal elimination disorders	09
L87.9	Transepidermal elimination disorder, unspecified	09
L88	Pyoderma gangrenosum	09
L89	Decubitus ulcer	09
L90.0	Lichen sclerosus et atrophicus	09
L90.1	Anetoderma of Schweninger-Buzzi	09
L90.2	Anetoderma of Jadassohn-Pellizzari	09
L90.3	Atrophoderma of Pasini and Pierini	09
L90.4	Acrodermatitis chronica atrophicans	09
L90.5	Scar conditions and fibrosis of skin	09
L90.6	Striae atrophicae	09
L90.8	Other atrophic disorders of skin	09
L90.9	Atrophic disorder of skin, unspecified	09
L91.0	Keloid scar	09
L91.8	Other hypertrophic disorders of skin	09
L91.9	Hypertrophic disorder of skin, unspecified	09
L92.0	Granuloma annulare	09
L92.1	Necrobiosis lipoidica, not elsewhere classified	09
L92.2	Granuloma faciale [eosinophilic granuloma of skin]	09
L92.3	Foreign body granuloma of skin and subcutaneous tissue	09
L92.8	Other granulomatous disorders of skin and subcutaneous tissue	09
L92.9	Granulomatous disorder of skin and subcutaneous tissue, unspecified	09
L93.0	Discoid lupus erythematosus	09
L93.1	Subacute cutaneous lupus erythematosus	09
L93.2	Other local lupus erythematosus	09
L94.0	Localized scleroderma [morphea]	09
L94.1	Linear scleroderma	09
L94.2	Calcinosis cutis	09
L94.3	Sclerodactyly	09
L94.5	Poikiloderma vasculare atrophicans	09
L94.8	Other specified localized connective tissue disorders	09
L94.9	Localized connective tissue disorder, unspecified	09

ICD-10 WHO	Title	MDC
L95.0	Livedoid vasculitis	09
L95.1	Erythema elevatum diutinum	09
L95.8	Other vasculitis limited to skin	09
L95.9	Vasculitis limited to skin, unspecified	09
L97	Ulcer of lower limb, not elsewhere classified	09
L98.0	Pyogenic granuloma	09
L98.1	Factitial dermatitis	09
L98.2	Febrile neutrophilic dermatosis [Sweet]	09
L98.3	Eosinophilic cellulitis [Wells]	09
L98.4	Chronic ulcer of skin, not elsewhere classified	09
L98.5	Mucinosis of skin	09
L98.6	Other infiltrative disorders of skin and subcutaneous tissue	09
L98.8	Other specified disorders of skin and subcutaneous tissue	09
L98.9	Disorder of skin and subcutaneous tissue, unspecified	09
L99.0	Amyloidosis of skin	09
L99.8	Other specified disorders of skin and subcutaneous tissue in diseases classified elsewhere	09
M35.6	Relapsing panniculitis [Weber-Christian]	09
M54.0	Panniculitis affecting regions of neck and back	09
M79.3	Panniculitis, unspecified	09
M79.4	Hypertrophy of (infrapatellar) fat pad	09
N60.0	Solitary cyst of breast	09
N60.1	Diffuse cystic mastopathy	09
N60.2	Fibroadenosis of breast	09
N60.3	Fibrosclerosis of breast	09
N60.4	Mammary duct ectasia	09
N60.8	Other benign mammary dysplasias	09
N60.9	Benign mammary dysplasia, unspecified	09
N61	Inflammatory disorders of breast	09
N62	Hypertrophy of breast	09
N63	Unspecified lump in breast	09
N64.0	Fissure and fistula of nipple	09
N64.1	Fat necrosis of breast	09
N64.2	Atrophy of breast	09
N64.3	Galactorrhoea not associated with childbirth	09
N64.4	Mastodynia	09
N64.5	Other signs and symptoms in breast	09
N64.8	Other specified disorders of breast	09
N64.9	Disorder of breast, unspecified	09
N80.6	Endometriosis in cutaneous scar	09
P83.1	Neonatal erythema toxicum	09
P83.4	Breast engorgement of newborn	09
P83.6	Umbilical polyp of newborn	09
P83.8	Other specified conditions of integument specific to fetus and newborn	09
P83.9	Condition of integument specific to fetus and newborn, unspecified	09
Q18.3	Webbing of neck	09

ICD-10 WHO	Title	MDC
Q18.9	Congenital malformation of face and neck, unspecified	09
Q80.0	Ichthyosis vulgaris	09
Q80.1	X-linked ichthyosis	09
Q80.2	Lamellar ichthyosis	09
Q80.3	Congenital bullous ichthyosiform erythroderma	09
Q80.4	Harlequin fetus	09
Q80.8	Other congenital ichthyosis	09
Q80.9	Congenital ichthyosis, unspecified	09
Q81.0	Epidermolysis bullosa simplex	09
Q81.1	Epidermolysis bullosa letalis	09
Q81.2	Epidermolysis bullosa dystrophica	09
Q81.8	Other epidermolysis bullosa	09
Q81.9	Epidermolysis bullosa, unspecified	09
Q82.0	Hereditary lymphoedema	09
Q82.1	Xeroderma pigmentosum	09
Q82.2	Mastocytosis	09
Q82.3	Incontinentia pigmenti	09
Q82.4	Ectodermal dysplasia (anhidrotic)	09
Q82.5	Congenital non-neoplastic naevus	09
Q82.8	Other specified congenital malformations of skin	09
Q82.9	Congenital malformation of skin, unspecified	09
Q83.0	Congenital absence of breast with absent nipple	09
Q83.1	Accessory breast	09
Q83.2	Absent nipple	09
Q83.3	Accessory nipple	09
Q83.8	Other congenital malformations of breast	09
Q83.9	Congenital malformation of breast, unspecified	09
Q84.0	Congenital alopecia	09
Q84.1	Congenital morphological disturbances of hair, not elsewhere classified	09
Q84.2	Other congenital malformations of hair	09
Q84.3	Anonychia	09
Q84.4	Congenital leukonychia	09
Q84.5	Enlarged and hypertrophic nails	09
Q84.6	Other congenital malformations of nails	09
Q84.8	Other specified congenital malformations of integument	09
Q84.9	Congenital malformation of integument, unspecified	09
R21	Rash and other nonspecific skin eruption	09
R22.0	Localized swelling, mass and lump, head	09
R22.1	Localized swelling, mass and lump, neck	09
R22.2	Localized swelling, mass and lump, trunk	09
R22.3	Localized swelling, mass and lump, upper limb	09
R22.4	Localized swelling, mass and lump, lower limb	09
R22.7	Localized swelling, mass and lump, multiple sites	09
R22.9	Localized swelling, mass and lump, unspecified	09
R23.4	Changes in skin texture	09
R23.8	Other and unspecified skin changes	09

ICD-10 WHO	Title	MDC
R61.0	Localized hyperhidrosis	09
R61.1	Generalized hyperhidrosis	09
R61.9	Hyperhidrosis, unspecified	09
R92	Abnormal findings on diagnostic imaging of breast	09
S00.0	Superficial injury of scalp	09
S00.3	Superficial injury of nose	09
S00.4	Superficial injury of ear	09
S00.5	Superficial injury of lip and oral cavity	09
S00.7	Multiple superficial injuries of head	09
S00.8	Superficial injury of other parts of head	09
S00.9	Superficial injury of head, part unspecified	09
S10.0	Contusion of throat	09
S10.1	Other and unspecified superficial injuries of throat	09
S10.7	Multiple superficial injuries of neck	09
S10.8	Superficial injury of other parts of neck	09
S10.9	Superficial injury of neck, part unspecified	09
S20.0	Contusion of breast	09
S20.1	Other and unspecified superficial injuries of breast	09
S20.2	Contusion of thorax	09
S20.3	Other superficial injuries of front wall of thorax	09
S20.4	Other superficial injuries of back wall of thorax	09
S20.7	Multiple superficial injuries of thorax	09
S20.8	Superficial injury of other and unspecified parts of thorax	09
S30.0	Contusion of lower back and pelvis	09
S30.1	Contusion of abdominal wall	09
S30.7	Multiple superficial injuries of abdomen, lower back and pelvis	09
S30.8	Other superficial injuries of abdomen, lower back and pelvis	09
S30.9	Superficial injury of abdomen, lower back and pelvis, part unspecified	09
S40.0	Contusion of shoulder and upper arm	09
S40.7	Multiple superficial injuries of shoulder and upper arm	09
S40.8	Other superficial injuries of shoulder and upper arm	09
S40.9	Superficial injury of shoulder and upper arm, unspecified	09
S50.0	Contusion of elbow	09
S50.1	Contusion of other and unspecified parts of forearm	09
S50.7	Multiple superficial injuries of forearm	09
S50.8	Other superficial injuries of forearm	09
S50.9	Superficial injury of forearm, unspecified	09
S60.0	Contusion of finger(s) without damage to nail	09
S60.1	Contusion of finger(s) with damage to nail	09
S60.2	Contusion of other parts of wrist and hand	09
S60.7	Multiple superficial injuries of wrist and hand	09
S60.8	Other superficial injuries of wrist and hand	09
S60.9	Superficial injury of wrist and hand, unspecified	09
S70.0	Contusion of hip	09
S70.1	Contusion of thigh	09
S70.7	Multiple superficial injuries of hip and thigh	09

ICD-10 WHO	Title	MDC
S70.8	Other superficial injuries of hip and thigh	09
S70.9	Superficial injury of hip and thigh, unspecified	09
S80.0	Contusion of knee	09
S80.1	Contusion of other and unspecified parts of lower leg	09
S80.7	Multiple superficial injuries of lower leg	09
S80.8	Other superficial injuries of lower leg	09
S80.9	Superficial injury of lower leg, unspecified	09
S90.0	Contusion of ankle	09
S90.1	Contusion of toe(s) without damage to nail	09
S90.2	Contusion of toe(s) with damage to nail	09
S90.3	Contusion of other and unspecified parts of foot	09
S90.7	Multiple superficial injuries of ankle and foot	09
S90.8	Other superficial injuries of ankle and foot	09
S90.9	Superficial injury of ankle and foot, unspecified	09
T00.0	Superficial injuries involving head with neck	09
T00.1	Superficial injuries involving thorax with abdomen, lower back and pelvis	09
T00.2	Superficial injuries involving multiple regions of upper limb(s)	09
T00.3	Superficial injuries involving multiple regions of lower limb(s)	09
T00.6	Superficial injuries involving multiple regions of upper limb(s) with lower limb(s)	09
T00.8	Superficial injuries involving other combinations of body regions	09
T00.9	Multiple superficial injuries, unspecified	09
T09.0	Superficial injury of trunk, level unspecified	09
T11.0	Superficial injury of upper limb, level unspecified	09
T13.0	Superficial injury of lower limb, level unspecified	09
T14.0	Superficial injury of unspecified body region	09
T85.4	Mechanical complication of breast prosthesis and implant	09
T90.0	Sequelae of superficial injury of head	09
T90.1	Sequelae of open wound of head	09
T91.0	Sequelae of superficial injury and open wound of neck and trunk	09
T92.0	Sequelae of open wound of upper limb	09
T92.8	Sequelae of other specified injuries of upper limb	09
T93.0	Sequelae of open wound of lower limb	09
T93.8	Sequelae of other specified injuries of lower limb	09
T95.0	Sequelae of burn, corrosion and frostbite of head and neck	09
T95.1	Sequelae of burn, corrosion and frostbite of trunk	09
T95.2	Sequelae of burn, corrosion and frostbite of upper limb	09
T95.3	Sequelae of burn, corrosion and frostbite of lower limb	09
T95.4	Sequelae of burn and corrosion classifiable only according to extent of body surface involved	09
T95.8	Sequelae of other specified burn, corrosion and frostbite	09
T95.9	Sequelae of unspecified burn, corrosion and frostbite	09
Z40.0	Prophylactic surgery for risk-factors related to malignant neoplasms	09
Z41.0	Hair transplant	09
Z41.1	Other plastic surgery for unacceptable cosmetic appearance	09
Z42.0	Follow-up care involving plastic surgery of head and neck	09
Z42.1	Follow-up care involving plastic surgery of breast	09

ICD-10 WHO	Title	MDC
Z42.2	Follow-up care involving plastic surgery of other parts of trunk	09
Z42.3	Follow-up care involving plastic surgery of upper extremity	09
Z42.4	Follow-up care involving plastic surgery of lower extremity	09
Z42.8	Follow-up care involving plastic surgery of other body part	09
Z42.9	Follow-up care involving plastic surgery, unspecified	09
Z44.3	Fitting and adjustment of external breast prosthesis	09
Z52.1	Skin donor	09
Z90.1	Acquired absence of breast(s)	09
Z94.5	Skin transplant status	09

M-3 Code list for MDC-14 (Postop PE or DVT, Postop sepsis, Decubitus ulcer, Postop hip fracture, Complications of anaesthesia)

ICD-10 WHO	Title	MDC
A34	Obstetrical tetanus	14
F53.0	Mild mental and behavioural disorders associated with the puerperium, not elsewhere classified	14
F53.1	Severe mental and behavioural disorders associated with the puerperium, not elsewhere classified	14
F53.8	Other mental and behavioural disorders associated with the puerperium, not elsewhere classified	14
F53.9	Puerperal mental disorder, unspecified	14
O00.0	Abdominal pregnancy	14
O00.1	Tubal pregnancy	14
O00.2	Ovarian pregnancy	14
O00.8	Other ectopic pregnancy	14
O00.9	Ectopic pregnancy, unspecified	14
O01.0	Classical hydatidiform mole	14
O01.1	Incomplete and partial hydatidiform mole	14
O01.9	Hydatidiform mole, unspecified	14
O02.0	Blighted ovum and nonhydatidiform mole	14
O02.1	Missed abortion	14
O02.8	Other specified abnormal products of conception	14
O02.9	Abnormal product of conception, unspecified	14
O03.0	Spontaneous abortion, incomplete, complicated by genital tract and pelvic infection	14
O03.1	Spontaneous abortion, incomplete, complicated by delayed or excessive haemorrhage	14
O03.2	Spontaneous abortion, incomplete, complicated by embolism	14
O03.3	Spontaneous abortion, incomplete, with other and unspecified complications	14
O03.4	Spontaneous abortion, incomplete, without complication	14
O03.5	Spontaneous abortion, complete or unspecified, complicated by genital tract and pelvic infection	14
O03.6	Spontaneous abortion, complete or unspecified, complicated by delayed or excessive haemorrhage	14
O03.7	Spontaneous abortion, complete or unspecified, complicated by embolism	14
O03.8	Spontaneous abortion, complete or unspecified, with other and unspecified complications	14
O03.9	Spontaneous abortion, complete or unspecified, without complication	14
O04.0	Medical abortion, incomplete, complicated by genital tract and pelvic infection	14
O04.1	Medical abortion, incomplete, complicated by delayed or excessive haemorrhage	14
O04.2	Medical abortion, incomplete, complicated by embolism	14
O04.3	Medical abortion, incomplete, with other and unspecified complications	14
O04.4	Medical abortion, incomplete, without complication	14
O04.5	Medical abortion, complete or unspecified, complicated by genital tract and pelvic infection	14
O04.6	Medical abortion, complete or unspecified, complicated by delayed or excessive haemorrhage	14
O04.7	Medical abortion, complete or unspecified, complicated by embolism	14
O04.8	Medical abortion, complete or unspecified, with other and unspecified complications	14

ICD-10 WHO	Title	MDC
O04.9	Medical abortion, complete or unspecified, without complication	14
O05.0	Other abortion, incomplete, complicated by genital tract and pelvic infection	14
O05.1	Other abortion, incomplete, complicated by delayed or excessive haemorrhage	14
O05.2	Other abortion, incomplete, complicated by embolism	14
O05.3	Other abortion, incomplete, with other and unspecified complications	14
O05.4	Other abortion, incomplete, without complication	14
O05.5	Other abortion, complete or unspecified, complicated by genital tract and pelvic infection	14
O05.6	Other abortion, complete or unspecified, complicated by delayed or excessive haemorrhage	14
O05.7	Other abortion, complete or unspecified, complicated by embolism	14
O05.8	Other abortion, complete or unspecified, with other and unspecified complications	14
O05.9	Other abortion, complete or unspecified, without complication	14
O06.0	Unspecified abortion, incomplete, complicated by genital tract and pelvic infection	14
O06.1	Unspecified abortion, incomplete, complicated by delayed or excessive haemorrhage	14
O06.2	Unspecified abortion, incomplete, complicated by embolism	14
O06.3	Unspecified abortion, incomplete, with other and unspecified complications	14
O06.4	Unspecified abortion, incomplete, without complication	14
O06.5	Unspecified abortion, complete or unspecified, complicated by genital tract and pelvic infection	14
O06.6	Unspecified abortion, complete or unspecified, complicated by delayed or excessive haemorrhage	14
O06.7	Unspecified abortion, complete or unspecified, complicated by embolism	14
O06.8	Unspecified abortion, complete or unspecified, with other and unspecified complications	14
O06.9	Unspecified abortion, complete or unspecified, without complication	14
O07.0	Failed medical abortion, complicated by genital tract and pelvic infection	14
O07.1	Failed medical abortion, complicated by delayed or excessive haemorrhage	14
O07.2	Failed medical abortion, complicated by embolism	14
O07.3	Failed medical abortion, with other and unspecified complications	14
O07.4	Failed medical abortion, without complication	14
O07.5	Other and unspecified failed attempted abortion, complicated by genital tract and pelvic infection	14
O07.6	Other and unspecified failed attempted abortion, complicated by delayed or excessive haemorrhage	14
O07.7	Other and unspecified failed attempted abortion, complicated by embolism	14
O07.8	Other and unspecified failed attempted abortion, with other and unspecified complications	14
O07.9	Other and unspecified failed attempted abortion, without complication	14
O08.0	Genital tract and pelvic infection following abortion and ectopic and molar pregnancy	14
O08.1	Delayed or excessive haemorrhage following abortion and ectopic and molar pregnancy	14
O08.2	Embolism following abortion and ectopic and molar pregnancy	14
O08.3	Shock following abortion and ectopic and molar pregnancy	14
O08.4	Renal failure following abortion and ectopic and molar pregnancy	14
O08.5	Metabolic disorders following abortion and ectopic and molar pregnancy	14
O08.6	Damage to pelvic organs and tissues following abortion and ectopic and molar	14

ICD-10 WHO	Title	MDC
	pregnancy	
O08.7	Other venous complications following abortion and ectopic and molar pregnancy	14
O08.8	Other complications following abortion and ectopic and molar pregnancy	14
O08.9	Complication following abortion and ectopic and molar pregnancy, unspecified	14
O10.0	Pre-existing essential hypertension complicating pregnancy, childbirth and the puerperium	14
O10.1	Pre-existing hypertensive heart disease complicating pregnancy, childbirth and the puerperium	14
O10.2	Pre-existing hypertensive renal disease complicating pregnancy, childbirth and the puerperium	14
O10.3	Pre-existing hypertensive heart and renal disease complicating pregnancy, childbirth and the puerperium	14
O10.4	Pre-existing secondary hypertension complicating pregnancy, childbirth and the puerperium	14
O10.9	Unspecified pre-existing hypertension complicating pregnancy, childbirth and the puerperium	14
O11	Pre-existing hypertensive disorder with superimposed proteinuria	14
O12.0	Gestational oedema	14
O12.1	Gestational proteinuria	14
O12.2	Gestational oedema with proteinuria	14
O13	Gestational [pregnancy-induced] hypertension without significant proteinuria	14
O14.0	Moderate pre-eclampsia	14
O14.1	Severe pre-eclampsia	14
O14.9	Pre-eclampsia, unspecified	14
O15.0	Eclampsia in pregnancy	14
O15.1	Eclampsia in labour	14
O15.2	Eclampsia in the puerperium	14
O15.9	Eclampsia, unspecified as to time period	14
O16	Unspecified maternal hypertension	14
O20.0	Threatened abortion	14
O20.8	Other haemorrhage in early pregnancy	14
O20.9	Haemorrhage in early pregnancy, unspecified	14
O21.0	Mild hyperemesis gravidarum	14
O21.1	Hyperemesis gravidarum with metabolic disturbance	14
O21.2	Late vomiting of pregnancy	14
O21.8	Other vomiting complicating pregnancy	14
O21.9	Vomiting of pregnancy, unspecified	14
O22.0	Varicose veins of lower extremity in pregnancy	14
O22.1	Genital varices in pregnancy	14
O22.2	Superficial thrombophlebitis in pregnancy	14
O22.3	Deep phlebothrombosis in pregnancy	14
O22.4	Haemorrhoids in pregnancy	14
O22.5	Cerebral venous thrombosis in pregnancy	14
O22.8	Other venous complications in pregnancy	14
O22.9	Venous complication in pregnancy, unspecified	14
O23.0	Infections of kidney in pregnancy	14

ICD-10 WHO	Title	MDC
O23.1	Infections of bladder in pregnancy	14
O23.2	Infections of urethra in pregnancy	14
O23.3	Infections of other parts of urinary tract in pregnancy	14
O23.4	Unspecified infection of urinary tract in pregnancy	14
O23.5	Infections of the genital tract in pregnancy	14
O23.9	Other and unspecified genitourinary tract infection in pregnancy	14
O24.0	Diabetes mellitus in pregnancy: Pre-existing diabetes mellitus, insulin-dependent	14
O24.1	Diabetes mellitus in pregnancy: Pre-existing diabetes mellitus, non-insulin-dependent	14
O24.2	Diabetes mellitus in pregnancy: Pre-existing malnutrition-related diabetes mellitus	14
O24.3	Diabetes mellitus in pregnancy: Pre-existing diabetes mellitus, unspecified	14
O24.4	Diabetes mellitus arising in pregnancy	14
O24.9	Diabetes mellitus in pregnancy, unspecified	14
O25	Malnutrition in pregnancy	14
O26.0	Excessive weight gain in pregnancy	14
O26.1	Low weight gain in pregnancy	14
O26.2	Pregnancy care of habitual aborter	14
O26.3	Retained intrauterine contraceptive device in pregnancy	14
O26.4	Herpes gestationis	14
O26.5	Maternal hypotension syndrome	14
O26.6	Liver disorders in pregnancy, childbirth and the puerperium	14
O26.7	Subluxation of symphysis (pubis) in pregnancy, childbirth and the puerperium	14
O26.8	Other specified pregnancy-related conditions	14
O26.9	Pregnancy-related condition, unspecified	14
O28.0	Abnormal haematological finding on antenatal screening of mother	14
O28.1	Abnormal biochemical finding on antenatal screening of mother	14
O28.2	Abnormal cytological finding on antenatal screening of mother	14
O28.3	Abnormal ultrasonic finding on antenatal screening of mother	14
O28.4	Abnormal radiological finding on antenatal screening of mother	14
O28.5	Abnormal chromosomal and genetic finding on antenatal screening of mother	14
O28.8	Other abnormal findings on antenatal screening of mother	14
O28.9	Abnormal finding on antenatal screening of mother, unspecified	14
O29.0	Pulmonary complications of anaesthesia during pregnancy	14
O29.1	Cardiac complications of anaesthesia during pregnancy	14
O29.2	Central nervous system complications of anaesthesia during pregnancy	14
O29.3	Toxic reaction to local anaesthesia during pregnancy	14
O29.4	Spinal and epidural anaesthesia-induced headache during pregnancy	14
O29.5	Other complications of spinal and epidural anaesthesia during pregnancy	14
O29.6	Failed or difficult intubation during pregnancy	14
O29.8	Other complications of anaesthesia during pregnancy	14
O29.9	Complication of anaesthesia during pregnancy, unspecified	14
O30.0	Twin pregnancy	14
O30.1	Triplet pregnancy	14
O30.2	Quadruplet pregnancy	14
O30.8	Other multiple gestation	14
O30.9	Multiple gestation, unspecified	14
O31.0	Papyraceous fetus	14

ICD-10 WHO	Title	MDC
O31.1	Continuing pregnancy after abortion of one fetus or more	14
O31.2	Continuing pregnancy after intrauterine death of one fetus or more	14
O31.8	Other complications specific to multiple gestation	14
O32.0	Maternal care for unstable lie	14
O32.1	Maternal care for breech presentation	14
O32.2	Maternal care for transverse and oblique lie	14
O32.3	Maternal care for face, brow and chin presentation	14
O32.4	Maternal care for high head at term	14
O32.5	Maternal care for multiple gestation with malpresentation of one fetus or more	14
O32.6	Maternal care for compound presentation	14
O32.8	Maternal care for other malpresentation of fetus	14
O32.9	Maternal care for malpresentation of fetus, unspecified	14
O33.0	Maternal care for disproportion due to deformity of maternal pelvic bones	14
O33.1	Maternal care for disproportion due to generally contracted pelvis	14
O33.2	Maternal care for disproportion due to inlet contraction of pelvis	14
O33.3	Maternal care for disproportion due to outlet contraction of pelvis	14
O33.4	Maternal care for disproportion of mixed maternal and fetal origin	14
O33.5	Maternal care for disproportion due to unusually large fetus	14
O33.6	Maternal care for disproportion due to hydrocephalic fetus	14
O33.7	Maternal care for disproportion due to other fetal deformities	14
O33.8	Maternal care for disproportion of other origin	14
O33.9	Maternal care for disproportion, unspecified	14
O34.0	Maternal care for congenital malformation of uterus	14
O34.1	Maternal care for tumour of corpus uteri	14
O34.2	Maternal care due to uterine scar from previous surgery	14
O34.3	Maternal care for cervical incompetence	14
O34.4	Maternal care for other abnormalities of cervix	14
O34.5	Maternal care for other abnormalities of gravid uterus	14
O34.6	Maternal care for abnormality of vagina	14
O34.7	Maternal care for abnormality of vulva and perineum	14
O34.8	Maternal care for other abnormalities of pelvic organs	14
O34.9	Maternal care for abnormality of pelvic organ, unspecified	14
O35.0	Maternal care for (suspected) central nervous system malformation in fetus	14
O35.1	Maternal care for (suspected) chromosomal abnormality in fetus	14
O35.2	Maternal care for (suspected) hereditary disease in fetus	14
O35.3	Maternal care for (suspected) damage to fetus from viral disease in mother	14
O35.4	Maternal care for (suspected) damage to fetus from alcohol	14
O35.5	Maternal care for (suspected) damage to fetus by drugs	14
O35.6	Maternal care for (suspected) damage to fetus by radiation	14
O35.7	Maternal care for (suspected) damage to fetus by other medical procedures	14
O35.8	Maternal care for other (suspected) fetal abnormality and damage	14
O35.9	Maternal care for (suspected) fetal abnormality and damage, unspecified	14
O36.0	Maternal care for rhesus isoimmunization	14
O36.1	Maternal care for other isoimmunization	14
O36.2	Maternal care for hydrops fetalis	14
O36.3	Maternal care for signs of fetal hypoxia	14

ICD-10 WHO	Title	MDC
O36.4	Maternal care for intrauterine death	14
O36.5	Maternal care for poor fetal growth	14
O36.6	Maternal care for excessive fetal growth	14
O36.7	Maternal care for viable fetus in abdominal pregnancy	14
O36.8	Maternal care for other specified fetal problems	14
O36.9	Maternal care for fetal problem, unspecified	14
O40	Polyhydramnios	14
O41.0	Oligohydramnios	14
O41.1	Infection of amniotic sac and membranes	14
O41.8	Other specified disorders of amniotic fluid and membranes	14
O41.9	Disorder of amniotic fluid and membranes, unspecified	14
O42.0	Premature rupture of membranes, onset of labour within 24 hours	14
O42.1	Premature rupture of membranes, onset of labour after 24 hours	14
O42.2	Premature rupture of membranes, labour delayed by therapy	14
O42.9	Premature rupture of membranes, unspecified	14
O43.0	Placental transfusion syndromes	14
O43.1	Malformation of placenta	14
O43.8	Other placental disorders	14
O43.9	Placental disorder, unspecified	14
O44.0	Placenta praevia specified as without haemorrhage	14
O44.1	Placenta praevia with haemorrhage	14
O45.0	Premature separation of placenta with coagulation defect	14
O45.8	Other premature separation of placenta	14
O45.9	Premature separation of placenta, unspecified	14
O46.0	Antepartum haemorrhage with coagulation defect	14
O46.8	Other antepartum haemorrhage	14
O46.9	Antepartum haemorrhage, unspecified	14
O47.0	False labour before 37 completed weeks of gestation	14
O47.1	False labour at or after 37 completed weeks of gestation	14
O47.9	False labour, unspecified	14
O48	Prolonged pregnancy	14
O60.0	Preterm labour without delivery	14
O60.1	Preterm labour with preterm delivery	14
O60.2	Preterm labour with term delivery	14
O61.0	Failed medical induction of labour	14
O61.1	Failed instrumental induction of labour	14
O61.8	Other failed induction of labour	14
O61.9	Failed induction of labour, unspecified	14
O62.0	Primary inadequate contractions	14
O62.1	Secondary uterine inertia	14
O62.2	Other uterine inertia	14
O62.3	Precipitate labour	14
O62.4	Hypertonic, incoordinate, and prolonged uterine contractions	14
O62.8	Other abnormalities of forces of labour	14
O62.9	Abnormality of forces of labour, unspecified	14
O63.0	Prolonged first stage (of labour)	14

ICD-10 WHO	Title	MDC
O63.1	Prolonged second stage (of labour)	14
O63.2	Delayed delivery of second twin, triplet, etc.	14
O63.9	Long labour, unspecified	14
O64.0	Obstructed labour due to incomplete rotation of fetal head	14
O64.1	Obstructed labour due to breech presentation	14
O64.2	Obstructed labour due to face presentation	14
O64.3	Obstructed labour due to brow presentation	14
O64.4	Obstructed labour due to shoulder presentation	14
O64.5	Obstructed labour due to compound presentation	14
O64.8	Obstructed labour due to other malposition and malpresentation	14
O64.9	Obstructed labour due to malposition and malpresentation, unspecified	14
O65.0	Obstructed labour due to deformed pelvis	14
O65.1	Obstructed labour due to generally contracted pelvis	14
O65.2	Obstructed labour due to pelvic inlet contraction	14
O65.3	Obstructed labour due to pelvic outlet and mid-cavity contraction	14
O65.4	Obstructed labour due to fetopelvic disproportion, unspecified	14
O65.5	Obstructed labour due to abnormality of maternal pelvic organs	14
O65.8	Obstructed labour due to other maternal pelvic abnormalities	14
O65.9	Obstructed labour due to maternal pelvic abnormality, unspecified	14
O66.0	Obstructed labour due to shoulder dystocia	14
O66.1	Obstructed labour due to locked twins	14
O66.2	Obstructed labour due to unusually large fetus	14
O66.3	Obstructed labour due to other abnormalities of fetus	14
O66.4	Failed trial of labour, unspecified	14
O66.5	Failed application of vacuum extractor and forceps, unspecified	14
O66.8	Other specified obstructed labour	14
O66.9	Obstructed labour, unspecified	14
O67.0	Intrapartum haemorrhage with coagulation defect	14
O67.8	Other intrapartum haemorrhage	14
O67.9	Intrapartum haemorrhage, unspecified	14
O68.0	Labour and delivery complicated by fetal heart rate anomaly	14
O68.1	Labour and delivery complicated by meconium in amniotic fluid	14
O68.2	Labour and delivery complicated by fetal heart rate anomaly with meconium in amniotic fluid	14
O68.3	Labour and delivery complicated by biochemical evidence of fetal stress	14
O68.8	Labour and delivery complicated by other evidence of fetal stress	14
O68.9	Labour and delivery complicated by fetal stress, unspecified	14
O69.0	Labour and delivery complicated by prolapse of cord	14
O69.1	Labour and delivery complicated by cord around neck, with compression	14
O69.2	Labour and delivery complicated by other cord entanglement	14
O69.3	Labour and delivery complicated by short cord	14
O69.4	Labour and delivery complicated by vasa praevia	14
O69.5	Labour and delivery complicated by vascular lesion of cord	14
O69.8	Labour and delivery complicated by other cord complications	14
O69.9	Labour and delivery complicated by cord complication, unspecified	14
O70.0	First degree perineal laceration during delivery	14

ICD-10 WHO	Title	MDC
O70.1	Second degree perineal laceration during delivery	14
O70.2	Third degree perineal laceration during delivery	14
O70.3	Fourth degree perineal laceration during delivery	14
O70.9	Perineal laceration during delivery, unspecified	14
O71.0	Rupture of uterus before onset of labour	14
O71.1	Rupture of uterus during labour	14
O71.2	Postpartum inversion of uterus	14
O71.3	Obstetric laceration of cervix	14
O71.4	Obstetric high vaginal laceration alone	14
O71.5	Other obstetric injury to pelvic organs	14
O71.6	Obstetric damage to pelvic joints and ligaments	14
O71.7	Obstetric haematoma of pelvis	14
O71.8	Other specified obstetric trauma	14
O71.9	Obstetric trauma, unspecified	14
O72.0	Third-stage haemorrhage	14
O72.1	Other immediate postpartum haemorrhage	14
O72.2	Delayed and secondary postpartum haemorrhage	14
O72.3	Postpartum coagulation defects	14
O73.0	Retained placenta without haemorrhage	14
O73.1	Retained portions of placenta and membranes, without haemorrhage	14
O74.0	Aspiration pneumonitis due to anaesthesia during labour and delivery	14
O74.1	Other pulmonary complications of anaesthesia during labour and delivery	14
O74.2	Cardiac complications of anaesthesia during labour and delivery	14
O74.3	Central nervous system complications of anaesthesia during labour and delivery	14
O74.4	Toxic reaction to local anaesthesia during labour and delivery	14
O74.5	Spinal and epidural anaesthesia-induced headache during labour and delivery	14
O74.6	Other complications of spinal and epidural anaesthesia during labour and delivery	14
O74.7	Failed or difficult intubation during labour and delivery	14
O74.8	Other complications of anaesthesia during labour and delivery	14
O74.9	Complication of anaesthesia during labour and delivery, unspecified	14
O75.0	Maternal distress during labour and delivery	14
O75.1	Shock during or following labour and delivery	14
O75.2	Pyrexia during labour, not elsewhere classified	14
O75.3	Other infection during labour	14
O75.4	Other complications of obstetric surgery and procedures	14
O75.5	Delayed delivery after artificial rupture of membranes	14
O75.6	Delayed delivery after spontaneous or unspecified rupture of membranes	14
O75.7	Vaginal delivery following previous caesarean section	14
O75.8	Other specified complications of labour and delivery	14
O75.9	Complication of labour and delivery, unspecified	14
O80.0	Spontaneous vertex delivery	14
O80.1	Spontaneous breech delivery	14
O80.8	Other single spontaneous delivery	14
O80.9	Single spontaneous delivery, unspecified	14
O81.0	Low forceps delivery	14
O81.1	Mid-cavity forceps delivery	14

ICD-10 WHO	Title	MDC
O81.2	Mid-cavity forceps with rotation	14
O81.3	Other and unspecified forceps delivery	14
O81.4	Vacuum extractor delivery	14
O81.5	Delivery by combination of forceps and vacuum extractor	14
O82.0	Delivery by elective caesarean section	14
O82.1	Delivery by emergency caesarean section	14
O82.2	Delivery by caesarean hysterectomy	14
O82.8	Other single delivery by caesarean section	14
O82.9	Delivery by caesarean section, unspecified	14
O85	Puerperal sepsis	14
O86.0	Infection of obstetric surgical wound	14
O86.1	Other infection of genital tract following delivery	14
O86.2	Urinary tract infection following delivery	14
O86.3	Other genitourinary tract infections following delivery	14
O86.4	Pyrexia of unknown origin following delivery	14
O86.8	Other specified puerperal infections	14
O87.0	Superficial thrombophlebitis in the puerperium	14
O87.1	Deep phlebothrombosis in the puerperium	14
O87.2	Haemorrhoids in the puerperium	14
O87.3	Cerebral venous thrombosis in the puerperium	14
O87.8	Other venous complications in the puerperium	14
O87.9	Venous complication in the puerperium, unspecified	14
O88.0	Obstetric air embolism	14
O88.1	Amniotic fluid embolism	14
O88.2	Obstetric blood-clot embolism	14
O88.3	Obstetric pyaemic and septic embolism	14
O88.8	Other obstetric embolism	14
O89.0	Pulmonary complications of anaesthesia during the puerperium	14
O89.1	Cardiac complications of anaesthesia during the puerperium	14
O89.2	Central nervous system complications of anaesthesia during the puerperium	14
O89.3	Toxic reaction to local anaesthesia during the puerperium	14
O89.4	Spinal and epidural anaesthesia-induced headache during the puerperium	14
O89.5	Other complications of spinal and epidural anaesthesia during the puerperium	14
O89.6	Failed or difficult intubation during the puerperium	14
O89.8	Other complications of anaesthesia during the puerperium	14
O89.9	Complication of anaesthesia during the puerperium, unspecified	14
O90.0	Disruption of caesarean section wound	14
O90.1	Disruption of perineal obstetric wound	14
O90.2	Haematoma of obstetric wound	14
O90.3	Cardiomyopathy in the puerperium	14
O90.4	Postpartum acute renal failure	14
O90.5	Postpartum thyroiditis	14
O90.8	Other complications of the puerperium, not elsewhere classified	14
O90.9	Complication of the puerperium, unspecified	14
O91.0	Infection of nipple associated with childbirth	14
O91.1	Abscess of breast associated with childbirth	14

ICD-10 WHO	Title	MDC
O91.2	Nonpurulent mastitis associated with childbirth	14
O92.0	Retracted nipple associated with childbirth	14
O92.1	Cracked nipple associated with childbirth	14
O92.2	Other and unspecified disorders of breast associated with childbirth	14
O92.3	Agalactia	14
O92.4	Hypogalactia	14
O92.5	Suppressed lactation	14
O92.6	Galactorrhoea	14
O92.7	Other and unspecified disorders of lactation	14
O94	Sequelae of complication of pregnancy, childbirth and the puerperium	14
O95	Obstetric death of unspecified cause	14
O96	Death from any obstetric cause occurring more than 42 days but less than one year after delivery	14
O97	Death from sequelae of direct obstetric causes	14
O98.0	Tuberculosis complicating pregnancy, childbirth and the puerperium	14
O98.1	Syphilis complicating pregnancy, childbirth and the puerperium	14
O98.2	Gonorrhoea complicating pregnancy, childbirth and the puerperium	14
O98.3	Other infections with a predominantly sexual mode of transmission complicating pregnancy, childbirth and the puerperium	14
O98.4	Viral hepatitis complicating pregnancy, childbirth and the puerperium	14
O98.5	Other viral diseases complicating pregnancy, childbirth and the puerperium	14
O98.6	Protozoal diseases complicating pregnancy, childbirth and the puerperium	14
O98.8	Other maternal infectious and parasitic diseases complicating pregnancy, childbirth and the puerperium	14
O98.9	Unspecified maternal infectious or parasitic disease complicating pregnancy, childbirth and the puerperium	14
O99.0	Anaemia complicating pregnancy, childbirth and the puerperium	14
O99.1	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating pregnancy, childbirth and the puerperium	14
O99.2	Endocrine, nutritional and metabolic diseases complicating pregnancy, childbirth and the puerperium	14
O99.3	Mental disorders and diseases of the nervous system complicating pregnancy, childbirth and the puerperium	14
O99.4	Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium	14
O99.5	Diseases of the respiratory system complicating pregnancy, childbirth and the puerperium	14
O99.6	Diseases of the digestive system complicating pregnancy, childbirth and the puerperium	14
O99.7	Diseases of the skin and subcutaneous tissue complicating pregnancy, childbirth and the puerperium	14
O99.8	Other specified diseases and conditions complicating pregnancy, childbirth and the puerperium	14
Z32.0	Pregnancy, not (yet) confirmed	14
Z32.1	Pregnancy confirmed	14
Z33	Pregnant state, incidental	14
Z34.0	Supervision of normal first pregnancy	14

ICD-10 WHO	Title	MDC
Z34.8	Supervision of other normal pregnancy	14
Z34.9	Supervision of normal pregnancy, unspecified	14
Z35.0	Supervision of pregnancy with history of infertility	14
Z35.1	Supervision of pregnancy with history of abortive outcome	14
Z35.2	Supervision of pregnancy with other poor reproductive or obstetric history	14
Z35.3	Supervision of pregnancy with history of insufficient antenatal care	14
Z35.4	Supervision of pregnancy with grand multiparity	14
Z35.5	Supervision of elderly primigravida	14
Z35.6	Supervision of very young primigravida	14
Z35.8	Supervision of other high-risk pregnancies	14
Z35.9	Supervision of high-risk pregnancy, unspecified	14
Z36.0	Antenatal screening for chromosomal anomalies	14
Z36.1	Antenatal screening for raised alphafetoprotein level	14
Z36.2	Other antenatal screening based on amniocentesis	14
Z36.3	Antenatal screening for malformations using ultrasound and other physical methods	14
Z36.4	Antenatal screening for fetal growth retardation using ultrasound and other physical methods	14
Z36.5	Antenatal screening for isoimmunization	14
Z36.8	Other antenatal screening	14
Z36.9	Antenatal screening, unspecified	14
Z37.0	Single live birth	14
Z37.1	Single stillbirth	14
Z37.2	Twins, both liveborn	14
Z37.3	Twins, one liveborn and one stillborn	14
Z37.4	Twins, both stillborn	14
Z37.5	Other multiple births, all liveborn	14
Z37.6	Other multiple births, some liveborn	14
Z37.7	Other multiple births, all stillborn	14
Z37.9	Outcome of delivery, unspecified	14
Z39.0	Care and examination immediately after delivery	14
Z39.1	Care and examination of lactating mother	14
Z39.2	Routine postpartum follow-up	14
Z64.0	Problems related to unwanted pregnancy	14

M-4 Code list for MDC-15 (Optional use for identification of neonates)

ICD-10 WHO	Title	MDC
A33	Tetanus neonatorum	15
P00.0	Fetus and newborn affected by maternal hypertensive disorders	15
P00.1	Fetus and newborn affected by maternal renal and urinary tract diseases	15
P00.2	Fetus and newborn affected by maternal infectious and parasitic diseases	15
P00.3	Fetus and newborn affected by other maternal circulatory and respiratory diseases	15
P00.4	Fetus and newborn affected by maternal nutritional disorders	15
P00.5	Fetus and newborn affected by maternal injury	15
P00.6	Fetus and newborn affected by surgical procedure on mother	15
P00.7	Fetus and newborn affected by other medical procedures on mother, not elsewhere classified	15
P00.8	Fetus and newborn affected by other maternal conditions	15
P00.9	Fetus and newborn affected by unspecified maternal condition	15
P01.0	Fetus and newborn affected by incompetent cervix	15
P01.1	Fetus and newborn affected by premature rupture of membranes	15
P01.2	Fetus and newborn affected by oligohydramnios	15
P01.3	Fetus and newborn affected by polyhydramnios	15
P01.4	Fetus and newborn affected by ectopic pregnancy	15
P01.5	Fetus and newborn affected by multiple pregnancy	15
P01.6	Fetus and newborn affected by maternal death	15
P01.7	Fetus and newborn affected by malpresentation before labour	15
P01.8	Fetus and newborn affected by other maternal complications of pregnancy	15
P01.9	Fetus and newborn affected by maternal complication of pregnancy, unspecified	15
P02.0	Fetus and newborn affected by placenta praevia	15
P02.1	Fetus and newborn affected by other forms of placental separation and haemorrhage	15
P02.2	Fetus and newborn affected by other and unspecified morphological and functional abnormalities of placenta	15
P02.3	Fetus and newborn affected by placental transfusion syndromes	15
P02.4	Fetus and newborn affected by prolapsed cord	15
P02.5	Fetus and newborn affected by other compression of umbilical cord	15
P02.6	Fetus and newborn affected by other and unspecified conditions of umbilical cord	15
P02.7	Fetus and newborn affected by chorioamnionitis	15
P02.8	Fetus and newborn affected by other abnormalities of membranes	15
P02.9	Fetus and newborn affected by abnormality of membranes, unspecified	15
P03.0	Fetus and newborn affected by breech delivery and extraction	15
P03.1	Fetus and newborn affected by other malpresentation, malposition and disproportion during labour and delivery	15
P03.2	Fetus and newborn affected by forceps delivery	15
P03.3	Fetus and newborn affected by delivery by vacuum extractor [ventouse]	15
P03.4	Fetus and newborn affected by caesarean delivery	15
P03.5	Fetus and newborn affected by precipitate delivery	15
P03.6	Fetus and newborn affected by abnormal uterine contractions	15
P03.8	Fetus and newborn affected by other specified complications of labour and delivery	15
P03.9	Fetus and newborn affected by complication of labour and delivery, unspecified	15
P04.0	Fetus and newborn affected by maternal anaesthesia and analgesia in pregnancy,	15

ICD-10 WHO	Title	MDC
	labour and delivery	
P04.1	Fetus and newborn affected by other maternal medication	15
P04.2	Fetus and newborn affected by maternal use of tobacco	15
P04.3	Fetus and newborn affected by maternal use of alcohol	15
P04.4	Fetus and newborn affected by maternal use of drugs of addiction	15
P04.5	Fetus and newborn affected by maternal use of nutritional chemical substances	15
P04.6	Fetus and newborn affected by maternal exposure to environmental chemical substances	15
P04.8	Fetus and newborn affected by other maternal noxious influences	15
P04.9	Fetus and newborn affected by maternal noxious influence, unspecified	15
P05.0	Light for gestational age	15
P05.1	Small for gestational age	15
P05.2	Fetal malnutrition without mention of light or small for gestational age	15
P05.9	Slow fetal growth, unspecified	15
P07.0	Extremely low birth weight	15
P07.1	Other low birth weight	15
P07.2	Extreme immaturity	15
P07.3	Other preterm infants	15
P08.0	Exceptionally large baby	15
P08.1	Other heavy for gestational age infants	15
P08.2	Post-term infant, not heavy for gestational age	15
P10.0	Subdural haemorrhage due to birth injury	15
P10.1	Cerebral haemorrhage due to birth injury	15
P10.2	Intraventricular haemorrhage due to birth injury	15
P10.3	Subarachnoid haemorrhage due to birth injury	15
P10.4	Tentorial tear due to birth injury	15
P10.8	Other intracranial lacerations and haemorrhages due to birth injury	15
P10.9	Unspecified intracranial laceration and haemorrhage due to birth injury	15
P11.0	Cerebral oedema due to birth injury	15
P11.1	Other specified brain damage due to birth injury	15
P11.2	Unspecified brain damage due to birth injury	15
P11.9	Birth injury to central nervous system, unspecified	15
P12.0	Cephalhaematoma due to birth injury	15
P12.1	Chignon due to birth injury	15
P12.2	Epicranial subaponeurotic haemorrhage due to birth injury	15
P12.3	Bruising of scalp due to birth injury	15
P12.4	Monitoring injury of scalp of newborn	15
P12.8	Other birth injuries to scalp	15
P12.9	Birth injury to scalp, unspecified	15
P13.0	Fracture of skull due to birth injury	15
P13.1	Other birth injuries to skull	15
P13.2	Birth injury to femur	15
P13.3	Birth injury to other long bones	15
P13.4	Fracture of clavicle due to birth injury	15
P13.8	Birth injuries to other parts of skeleton	15
P13.9	Birth injury to skeleton, unspecified	15

ICD-10 WHO	Title	MDC
P15.0	Birth injury to liver	15
P15.1	Birth injury to spleen	15
P15.2	Sternomastoid injury due to birth injury	15
P15.3	Birth injury to eye	15
P15.4	Birth injury to face	15
P15.5	Birth injury to external genitalia	15
P15.6	Subcutaneous fat necrosis due to birth injury	15
P15.8	Other specified birth injuries	15
P15.9	Birth injury, unspecified	15
P20.0	Intrauterine hypoxia first noted before onset of labour	15
P20.1	Intrauterine hypoxia first noted during labour and delivery	15
P20.9	Intrauterine hypoxia, unspecified	15
P22.0	Respiratory distress syndrome of newborn	15
P22.1	Transient tachypnoea of newborn	15
P23.0	Congenital pneumonia due to viral agent	15
P23.1	Congenital pneumonia due to Chlamydia	15
P23.2	Congenital pneumonia due to staphylococcus	15
P23.3	Congenital pneumonia due to streptococcus, group B	15
P23.4	Congenital pneumonia due to Escherichia coli	15
P23.5	Congenital pneumonia due to Pseudomonas	15
P23.6	Congenital pneumonia due to other bacterial agents	15
P23.8	Congenital pneumonia due to other organisms	15
P23.9	Congenital pneumonia, unspecified	15
P24.0	Neonatal aspiration of meconium	15
P24.1	Neonatal aspiration of amniotic fluid and mucus	15
P24.2	Neonatal aspiration of blood	15
P24.3	Neonatal aspiration of milk and regurgitated food	15
P24.8	Other neonatal aspiration syndromes	15
P24.9	Neonatal aspiration syndrome, unspecified	15
P25.0	Interstitial emphysema originating in the perinatal period	15
P25.1	Pneumothorax originating in the perinatal period	15
P25.2	Pneumomediastinum originating in the perinatal period	15
P25.3	Pneumopericardium originating in the perinatal period	15
P25.8	Other conditions related to interstitial emphysema originating in the perinatal period	15
P26.0	Tracheobronchial haemorrhage originating in the perinatal period	15
P26.1	Massive pulmonary haemorrhage originating in the perinatal period	15
P54.9	Neonatal haemorrhage, unspecified	15
P56.0	Hydrops fetalis due to isoimmunization	15
P56.9	Hydrops fetalis due to other and unspecified haemolytic disease	15
P57.0	Kernicterus due to isoimmunization	15
P57.8	Other specified kernicterus	15
P57.9	Kernicterus, unspecified	15
P58.0	Neonatal jaundice due to bruising	15
P58.1	Neonatal jaundice due to bleeding	15
P58.2	Neonatal jaundice due to infection	15
P58.3	Neonatal jaundice due to polycythaemia	15

ICD-10 WHO	Title	MDC
P58.4	Neonatal jaundice due to drugs or toxins transmitted from mother or given to newborn	15
P58.5	Neonatal jaundice due to swallowed maternal blood	15
P58.8	Neonatal jaundice due to other specified excessive haemolysis	15
P58.9	Neonatal jaundice due to excessive haemolysis, unspecified	15
P59.0	Neonatal jaundice associated with preterm delivery	15
P59.3	Neonatal jaundice from breast milk inhibitor	15
P59.8	Neonatal jaundice from other specified causes	15
P59.9	Neonatal jaundice, unspecified	15
P61.1	Polycythaemia neonatorum	15
P61.8	Other specified perinatal haematological disorders	15
P61.9	Perinatal haematological disorder, unspecified	15
P70.0	Syndrome of infant of mother with gestational diabetes	15
P70.1	Syndrome of infant of a diabetic mother	15
P75	Meconium ileus	15
P76.0	Meconium plug syndrome	15
P78.0	Perinatal intestinal perforation	15
P78.1	Other neonatal peritonitis	15
P78.2	Neonatal haematemesis and melaena due to swallowed maternal blood	15
P80.0	Cold injury syndrome	15
P80.8	Other hypothermia of newborn	15
P80.9	Hypothermia of newborn, unspecified	15
P81.0	Environmental hyperthermia of newborn	15
P81.8	Other specified disturbances of temperature regulation of newborn	15
P81.9	Disturbance of temperature regulation of newborn, unspecified	15
P83.0	Sclerema neonatorum	15
P83.2	Hydrops fetalis not due to haemolytic disease	15
P93	Reactions and intoxications due to drugs administered to fetus and newborn	15
P94.1	Congenital hypertonia	15
P94.8	Other disorders of muscle tone of newborn	15
P94.9	Disorder of muscle tone of newborn, unspecified	15
P95	Fetal death of unspecified cause	15
P96.0	Congenital renal failure	15
P96.1	Neonatal withdrawal symptoms from maternal use of drugs of addiction	15
P96.2	Withdrawal symptoms from therapeutic use of drugs in newborn	15
P96.3	Wide cranial sutures of newborn	15
P96.4	Termination of pregnancy, fetus and newborn	15
P96.5	Complications of intrauterine procedures, not elsewhere classified	15
P96.8	Other specified conditions originating in the perinatal period	15
P96.9	Condition originating in the perinatal period, unspecified	15
Q86.0	Fetal alcohol syndrome (dysmorphic)	15
Z38.0	Singleton, born in hospital	15
Z38.1	Singleton, born outside hospital	15
Z38.2	Singleton, unspecified as to place of birth	15
Z38.3	Twin, born in hospital	15
Z38.4	Twin, born outside hospital	15

ICD-10 WHO	Title	MDC
Z38.5	Twin, unspecified as to place of birth	15
Z38.6	Other multiple, born in hospital	15
Z38.7	Other multiple, born outside hospital	15
Z38.8	Other multiple, unspecified as to place of birth	15

M-5 Code list for MDC-4 (Diseases/disorders of respiratory system)

ICD-10 WHO	Title	MDC
A06.5	Amoebic lung abscess	4
A15.0	Tuberculosis of lung, confirmed by sputum microscopy with or without culture	4
A15.1	Tuberculosis of lung, confirmed by culture only	4
A15.2	Tuberculosis of lung, confirmed histologically	4
A15.3	Tuberculosis of lung, confirmed by unspecified means	4
A15.4	Tuberculosis of intrathoracic lymph nodes, confirmed bacteriologically and histologically	4
A15.5	Tuberculosis of larynx, trachea and bronchus, confirmed bacteriologically and histologically	4
A15.6	Tuberculous pleurisy, confirmed bacteriologically and histologically	4
A15.7	Primary respiratory tuberculosis, confirmed bacteriologically and histologically	4
A15.8	Other respiratory tuberculosis, confirmed bacteriologically and histologically	4
A15.9	Respiratory tuberculosis unspecified, confirmed bacteriologically and histologically	4
A16.0	Tuberculosis of lung, bacteriologically and histologically negative	4
A16.1	Tuberculosis of lung, bacteriological and histological examination not done	4
A16.2	Tuberculosis of lung, without mention of bacteriological or histological confirmation	4
A16.3	Tuberculosis of intrathoracic lymph nodes, without mention of bacteriological or histological confirmation	4
A16.4	Tuberculosis of larynx, trachea and bronchus, without mention of bacteriological or histological confirmation	4
A16.5	Tuberculous pleurisy, without mention of bacteriological or histological confirmation	4
A16.7	Primary respiratory tuberculosis without mention of bacteriological or histological confirmation	4
A16.8	Other respiratory tuberculosis, without mention of bacteriological or histological confirmation	4
A16.9	Respiratory tuberculosis unspecified, without mention of bacteriological or histological confirmation	4
A17.0	Tuberculous meningitis	4
A17.1	Meningeal tuberculoma	4
A17.8	Other tuberculosis of nervous system	4
A17.9	Tuberculosis of nervous system, unspecified	4
A18.2	Tuberculous peripheral lymphadenopathy	4
A18.8	Tuberculosis of other specified organs	4
A19.0	Acute miliary tuberculosis of a single specified site	4
A19.1	Acute miliary tuberculosis of multiple sites	4
A19.2	Acute miliary tuberculosis, unspecified	4
A19.8	Other miliary tuberculosis	4
A19.9	Miliary tuberculosis, unspecified	4
A20.2	Pneumonic plague	4
A21.2	Pulmonary tularaemia	4
A22.1	Pulmonary anthrax	4
A31.0	Pulmonary mycobacterial infection	4
A37.0	Whooping cough due to <i>Bordetella pertussis</i>	4
A37.1	Whooping cough due to <i>Bordetella parapertussis</i>	4
A37.8	Whooping cough due to other <i>Bordetella</i> species	4

ICD-10 WHO	Title	MDC
A37.9	Whooping cough, unspecified	4
A42.0	Pulmonary actinomycosis	4
A43.0	Pulmonary nocardiosis	4
A48.1	Legionnaires' disease	4
A48.2	Nonpneumonic Legionnaires' disease [Pontiac fever]	4
A70	Chlamydia psittaci infection	4
B01.2	Varicella pneumonia	4
B05.2	Measles complicated by pneumonia	4
B25.0	Cytomegaloviral pneumonitis	4
B33.0	Epidemic myalgia	4
B37.1	Pulmonary candidiasis	4
B38.0	Acute pulmonary coccidioidomycosis	4
B38.1	Chronic pulmonary coccidioidomycosis	4
B38.2	Pulmonary coccidioidomycosis, unspecified	4
B39.0	Acute pulmonary histoplasmosis capsulati	4
B39.1	Chronic pulmonary histoplasmosis capsulati	4
B39.2	Pulmonary histoplasmosis capsulati, unspecified	4
B40.0	Acute pulmonary blastomycosis	4
B40.1	Chronic pulmonary blastomycosis	4
B40.2	Pulmonary blastomycosis, unspecified	4
B42.0	Pulmonary sporotrichosis	4
B44.0	Invasive pulmonary aspergillosis	4
B44.1	Other pulmonary aspergillosis	4
B45.0	Pulmonary cryptococcosis	4
B46.0	Pulmonary mucormycosis	4
B58.3	Pulmonary toxoplasmosis	4
B59	Pneumocystosis	4
B66.4	Paragonimiasis	4
B67.1	Echinococcus granulosus infection of lung	4
B90.9	Sequelae of respiratory and unspecified tuberculosis	4
C33	Malignant neoplasm of trachea	4
C34.0	Malignant neoplasm: Main bronchus	4
C34.1	Malignant neoplasm: Upper lobe, bronchus or lung	4
C34.2	Malignant neoplasm: Middle lobe, bronchus or lung	4
C34.3	Malignant neoplasm: Lower lobe, bronchus or lung	4
C34.8	Malignant neoplasm: Overlapping lesion of bronchus and lung	4
C34.9	Malignant neoplasm: Bronchus or lung, unspecified	4
C38.1	Malignant neoplasm: Anterior mediastinum	4
C38.2	Malignant neoplasm: Posterior mediastinum	4
C38.3	Malignant neoplasm: Mediastinum, part unspecified	4
C38.4	Malignant neoplasm: Pleura	4
C38.8	Malignant neoplasm: Overlapping lesion of heart, mediastinum and pleura	4
C39.8	Malignant neoplasm: Overlapping lesion of respiratory and intrathoracic organs	4
C39.9	Malignant neoplasm: Ill-defined sites within the respiratory system	4
C45.0	Mesothelioma of pleura	4
C76.1	Malignant neoplasm of other and ill-defined sites: Thorax	4

ICD-10 WHO	Title	MDC
C78.0	Secondary malignant neoplasm of lung	4
C78.1	Secondary malignant neoplasm of mediastinum	4
C78.2	Secondary malignant neoplasm of pleura	4
C78.3	Secondary malignant neoplasm of other and unspecified respiratory organs	4
D02.1	Carcinoma in situ: Trachea	4
D02.2	Carcinoma in situ: Bronchus and lung	4
D02.3	Carcinoma in situ: Other parts of respiratory system	4
D02.4	Carcinoma in situ: Respiratory system, unspecified	4
D14.2	Benign neoplasm: Trachea	4
D14.3	Benign neoplasm: Bronchus and lung	4
D14.4	Benign neoplasm: Respiratory system, unspecified	4
D15.2	Benign neoplasm: Mediastinum	4
D15.7	Benign neoplasm: Other specified intrathoracic organs	4
D15.9	Benign neoplasm: Intrathoracic organ, unspecified	4
D16.7	Benign neoplasm: Ribs, sternum and clavicle	4
D17.4	Benign lipomatous neoplasm of intrathoracic organs	4
D19.0	Benign neoplasm: Mesothelial tissue of pleura	4
D38.1	Neoplasm of uncertain or unknown behaviour: Trachea, bronchus and lung	4
D38.2	Neoplasm of uncertain or unknown behaviour: Pleura	4
D38.3	Neoplasm of uncertain or unknown behaviour: Mediastinum	4
D38.4	Neoplasm of uncertain or unknown behaviour: Thymus	4
D38.5	Neoplasm of uncertain or unknown behaviour: Other respiratory organs	4
D38.6	Neoplasm of uncertain or unknown behaviour: Respiratory organ, unspecified	4
D86.0	Sarcoidosis of lung	4
D86.1	Sarcoidosis of lymph nodes	4
D86.2	Sarcoidosis of lung with sarcoidosis of lymph nodes	4
D86.3	Sarcoidosis of skin	4
D86.8	Sarcoidosis of other and combined sites	4
D86.9	Sarcoidosis, unspecified	4
E66.2	Extreme obesity with alveolar hypoventilation	4
E84.0	Cystic fibrosis with pulmonary manifestations	4
E84.8	Cystic fibrosis with other manifestations	4
E84.9	Cystic fibrosis, unspecified	4
F45.3	Somatoform autonomic dysfunction	4
G47.3	Sleep apnoea	4
I26.0	Pulmonary embolism with mention of acute cor pulmonale	4
I26.9	Pulmonary embolism without mention of acute cor pulmonale	4
J04.1	Acute tracheitis	4
J09	Influenza due to identified avian influenza virus	4
J10.0	Influenza with pneumonia, other influenza virus identified	4
J11.0	Influenza with pneumonia, virus not identified	4
J12.0	Adenoviral pneumonia	4
J12.1	Respiratory syncytial virus pneumonia	4
J12.2	Parainfluenza virus pneumonia	4
J12.8	Other viral pneumonia	4
J12.9	Viral pneumonia, unspecified	4

ICD-10 WHO	Title	MDC
J13	Pneumonia due to Streptococcus pneumoniae	4
J14	Pneumonia due to Haemophilus influenzae	4
J15.0	Pneumonia due to Klebsiella pneumoniae	4
J15.1	Pneumonia due to Pseudomonas	4
J15.2	Pneumonia due to staphylococcus	4
J15.3	Pneumonia due to streptococcus, group B	4
J15.4	Pneumonia due to other streptococci	4
J15.5	Pneumonia due to Escherichia coli	4
J15.6	Pneumonia due to other aerobic Gram-negative bacteria	4
J15.7	Pneumonia due to Mycoplasma pneumoniae	4
J15.8	Other bacterial pneumonia	4
J15.9	Bacterial pneumonia, unspecified	4
J16.0	Chlamydial pneumonia	4
J16.8	Pneumonia due to other specified infectious organisms	4
J17.0	Pneumonia in bacterial diseases classified elsewhere	4
J17.1	Pneumonia in viral diseases classified elsewhere	4
J17.2	Pneumonia in mycoses	4
J17.3	Pneumonia in parasitic diseases	4
J17.8	Pneumonia in other diseases classified elsewhere	4
J18.0	Bronchopneumonia, unspecified	4
J18.1	Lobar pneumonia, unspecified	4
J18.2	Hypostatic pneumonia, unspecified	4
J18.8	Other pneumonia, organism unspecified	4
J18.9	Pneumonia, unspecified	4
J20.0	Acute bronchitis due to Mycoplasma pneumoniae	4
J20.1	Acute bronchitis due to Haemophilus influenzae	4
J20.2	Acute bronchitis due to streptococcus	4
J20.3	Acute bronchitis due to coxsackievirus	4
J20.4	Acute bronchitis due to parainfluenza virus	4
J20.5	Acute bronchitis due to respiratory syncytial virus	4
J20.6	Acute bronchitis due to rhinovirus	4
J20.7	Acute bronchitis due to echovirus	4
J20.8	Acute bronchitis due to other specified organisms	4
J20.9	Acute bronchitis, unspecified	4
J21.0	Acute bronchiolitis due to respiratory syncytial virus	4
J21.8	Acute bronchiolitis due to other specified organisms	4
J21.9	Acute bronchiolitis, unspecified	4
J22	Unspecified acute lower respiratory infection	4
J40	Bronchitis, not specified as acute or chronic	4
J41.0	Simple chronic bronchitis	4
J41.1	Mucopurulent chronic bronchitis	4
J41.8	Mixed simple and mucopurulent chronic bronchitis	4
J42	Unspecified chronic bronchitis	4
J43.0	MacLeod's syndrome	4
J43.1	Panlobular emphysema	4
J43.2	Centrilobular emphysema	4

ICD-10 WHO	Title	MDC
J43.8	Other emphysema	4
J43.9	Emphysema, unspecified	4
J44.0	Chronic obstructive pulmonary disease with acute lower respiratory infection	4
J44.1	Chronic obstructive pulmonary disease with acute exacerbation, unspecified	4
J44.8	Other specified chronic obstructive pulmonary disease	4
J44.9	Chronic obstructive pulmonary disease, unspecified	4
J45.0	Predominantly allergic asthma	4
J45.1	Nonallergic asthma	4
J45.8	Mixed asthma	4
J45.9	Asthma, unspecified	4
J46	Status asthmaticus	4
J47	Bronchiectasis	4
J60	Coalworker's pneumoconiosis	4
J61	Pneumoconiosis due to asbestos and other mineral fibres	4
J62.0	Pneumoconiosis due to talc dust	4
J62.8	Pneumoconiosis due to other dust containing silica	4
J63.0	Aluminosis (of lung)	4
J63.1	Bauxite fibrosis (of lung)	4
J63.2	Berylliosis	4
J63.3	Graphite fibrosis (of lung)	4
J63.4	Siderosis	4
J63.5	Stannosis	4
J63.8	Pneumoconiosis due to other specified inorganic dusts	4
J64	Unspecified pneumoconiosis	4
J65	Pneumoconiosis associated with tuberculosis	4
J66.0	Byssinosis	4
J66.1	Flax-dresser's disease	4
J66.2	Cannabinosis	4
J66.8	Airway disease due to other specific organic dusts	4
J67.0	Farmer's lung	4
J67.1	Bagassosis	4
J67.2	Bird fancier's lung	4
J67.3	Suberosis	4
J67.4	Maltworker's lung	4
J67.5	Mushroom-worker's lung	4
J67.6	Maple-bark-stripper's lung	4
J67.7	Air-conditioner and humidifier lung	4
J67.8	Hypersensitivity pneumonitis due to other organic dusts	4
J67.9	Hypersensitivity pneumonitis due to unspecified organic dust	4
J68.0	Bronchitis and pneumonitis due to chemicals, gases, fumes and vapours	4
J68.1	Acute pulmonary oedema due to chemicals, gases, fumes and vapours	4
J68.2	Upper respiratory inflammation due to chemicals, gases, fumes and vapours, not elsewhere classified	4
J68.3	Other acute and subacute respiratory conditions due to chemicals, gases, fumes and vapours	4
J68.4	Chronic respiratory conditions due to chemicals, gases, fumes and vapours	4

ICD-10 WHO	Title	MDC
J68.8	Other respiratory conditions due to chemicals, gases, fumes and vapours	4
J68.9	Unspecified respiratory condition due to chemicals, gases, fumes and vapours	4
J69.0	Pneumonitis due to food and vomit	4
J69.1	Pneumonitis due to oils and essences	4
J69.8	Pneumonitis due to other solids and liquids	4
J70.0	Acute pulmonary manifestations due to radiation	4
J70.1	Chronic and other pulmonary manifestations due to radiation	4
J70.2	Acute drug-induced interstitial lung disorders	4
J70.3	Chronic drug-induced interstitial lung disorders	4
J70.4	Drug-induced interstitial lung disorders, unspecified	4
J70.8	Respiratory conditions due to other specified external agents	4
J70.9	Respiratory conditions due to unspecified external agent	4
J80	Adult respiratory distress syndrome	4
J82	Pulmonary eosinophilia, not elsewhere classified	4
J84.0	Alveolar and parietoalveolar conditions	4
J84.1	Other interstitial pulmonary diseases with fibrosis	4
J84.8	Other specified interstitial pulmonary diseases	4
J84.9	Interstitial pulmonary disease, unspecified	4
J85.0	Gangrene and necrosis of lung	4
J85.1	Abscess of lung with pneumonia	4
J85.2	Abscess of lung without pneumonia	4
J85.3	Abscess of mediastinum	4
J86.0	Pyothorax with fistula	4
J86.9	Pyothorax without fistula	4
J90	Pleural effusion, not elsewhere classified	4
J91	Pleural effusion in conditions classified elsewhere	4
J92.0	Pleural plaque with presence of asbestos	4
J92.9	Pleural plaque without asbestos	4
J93.0	Spontaneous tension pneumothorax	4
J93.1	Other spontaneous pneumothorax	4
J93.8	Other pneumothorax	4
J93.9	Pneumothorax, unspecified	4
J94.0	Chylous effusion	4
J94.1	Fibrothorax	4
J94.2	Haemothorax	4
J94.8	Other specified pleural conditions	4
J94.9	Pleural condition, unspecified	4
J95.0	Tracheostomy malfunction	4
J95.1	Acute pulmonary insufficiency following thoracic surgery	4
J95.2	Acute pulmonary insufficiency following nonthoracic surgery	4
J95.3	Chronic pulmonary insufficiency following surgery	4
J95.4	Mendelson's syndrome	4
J95.5	Postprocedural subglottic stenosis	4
J95.8	Other postprocedural respiratory disorders	4
J95.9	Postprocedural respiratory disorder, unspecified	4
J96.0	Acute respiratory failure	4

ICD-10 WHO	Title	MDC
J96.1	Chronic respiratory failure	4
J96.9	Respiratory failure, unspecified	4
J98.0	Diseases of bronchus, not elsewhere classified	4
J98.1	Pulmonary collapse	4
J98.2	Interstitial emphysema	4
J98.3	Compensatory emphysema	4
J98.4	Other disorders of lung	4
J98.5	Diseases of mediastinum, not elsewhere classified	4
J98.6	Disorders of diaphragm	4
J98.8	Other specified respiratory disorders	4
J98.9	Respiratory disorder, unspecified	4
J99.0	Rheumatoid lung disease	4
J99.1	Respiratory disorders in other diffuse connective tissue disorders	4
J99.8	Respiratory disorders in other diseases classified elsewhere	4
M05.1	Rheumatoid lung disease	4
M94.0	Chondrocostal junction syndrome [Tietze]	4
P22.8	Other respiratory distress of newborn	4
P22.9	Respiratory distress of newborn, unspecified	4
P27.0	Wilson-Mikity syndrome	4
P27.1	Bronchopulmonary dysplasia originating in the perinatal period	4
P27.8	Other chronic respiratory diseases originating in the perinatal period	4
P27.9	Unspecified chronic respiratory disease originating in the perinatal period	4
P28.2	Cyanotic attacks of newborn	4
P28.3	Primary sleep apnoea of newborn	4
P28.4	Other apnoea of newborn	4
P28.5	Respiratory failure of newborn	4
P28.8	Other specified respiratory conditions of newborn	4
Q33.0	Congenital cystic lung	4
Q33.1	Accessory lobe of lung	4
Q33.2	Sequestration of lung	4
Q33.3	Agenesis of lung	4
Q33.4	Congenital bronchiectasis	4
Q33.5	Ectopic tissue in lung	4
Q33.6	Hypoplasia and dysplasia of lung	4
Q33.8	Other congenital malformations of lung	4
Q33.9	Congenital malformation of lung, unspecified	4
Q34.0	Anomaly of pleura	4
Q34.1	Congenital cyst of mediastinum	4
Q34.8	Other specified congenital malformations of respiratory system	4
Q34.9	Congenital malformation of respiratory system, unspecified	4
Q67.6	Pectus excavatum	4
Q67.7	Pectus carinatum	4
Q76.6	Other congenital malformations of ribs	4
Q76.7	Congenital malformation of sternum	4
Q79.0	Congenital diaphragmatic hernia	4
Q79.1	Other congenital malformations of diaphragm	4

ICD-10 WHO	Title	MDC
R04.2	Haemoptysis	4
R04.8	Haemorrhage from other sites in respiratory passages	4
R04.9	Haemorrhage from respiratory passages, unspecified	4
R05	Cough	4
R06.0	Dyspnoea	4
R06.1	Stridor	4
R06.2	Wheezing	4
R06.3	Periodic breathing	4
R06.4	Hyperventilation	4
R06.6	Hiccough	4
R06.8	Other and unspecified abnormalities of breathing	4
R07.1	Chest pain on breathing	4
R09.0	Asphyxia	4
R09.1	Pleurisy	4
R09.2	Respiratory arrest	4
R09.3	Abnormal sputum	4
R09.8	Other specified symptoms and signs involving the circulatory and respiratory systems	4
R68.3	Clubbing of fingers	4
R76.1	Abnormal reaction to tuberculin test	4
R91	Abnormal findings on diagnostic imaging of lung	4
R94.2	Abnormal results of pulmonary function studies	4
S11.0	Open wound involving larynx and trachea	4
S22.2	Fracture of sternum	4
S22.3	Fracture of rib	4
S22.4	Multiple fractures of ribs	4
S22.5	Flail chest	4
S23.2	Dislocation of other and unspecified parts of thorax	4
S23.4	Sprain and strain of ribs and sternum	4
S27.0	Traumatic pneumothorax	4
S27.1	Traumatic haemothorax	4
S27.2	Traumatic haemopneumothorax	4
S27.3	Other injuries of lung	4
S27.4	Injury of bronchus	4
S27.5	Injury of thoracic trachea	4
S27.6	Injury of pleura	4
S27.8	Injury of other specified intrathoracic organs	4
S43.6	Sprain and strain of sternoclavicular joint	4
T17.4	Foreign body in trachea	4
T17.5	Foreign body in bronchus	4
T17.8	Foreign body in other and multiple parts of respiratory tract	4
T17.9	Foreign body in respiratory tract, part unspecified	4
T27.0	Burn of larynx and trachea	4
T27.1	Burn involving larynx and trachea with lung	4
T27.4	Corrosion of larynx and trachea	4
T27.5	Corrosion involving larynx and trachea with lung	4
T79.0	Air embolism (traumatic)	4

ICD-10 WHO	Title	MDC
T79.1	Fat embolism (traumatic)	4
T79.7	Traumatic subcutaneous emphysema	4
T80.0	Air embolism following infusion, transfusion and therapeutic injection	4
T86.8	Failure and rejection of other transplanted organs and tissues	4
Z03.0	Observation for suspected tuberculosis	4
Z43.0	Attention to tracheostomy	4
Z90.2	Acquired absence of lung [part of]	4
Z94.2	Lung transplant status	4
Z94.3	Heart and lungs transplant status	4

M-6 Code list for MDC-5 (Postoperative respiratory failure)

ICD-10 WHO	Title	MDC
A39.5	Meningococcal heart disease	5
A52.0	Cardiovascular syphilis	5
B33.2	Viral carditis	5
B37.6	Candidal endocarditis	5
B57.0	Acute Chagas' disease with heart involvement	5
B57.2	Chagas' disease (chronic) with heart involvement	5
C38.0	Malignant neoplasm: Heart	5
C45.2	Mesothelioma of pericardium	5
D15.1	Benign neoplasm: Heart	5
E10.5	Insulin-dependent diabetes mellitus with peripheral circulatory complications	5
E11.5	Non-insulin-dependent diabetes mellitus with peripheral circulatory complications	5
E12.5	Malnutrition-related diabetes mellitus with peripheral circulatory complications	5
E13.5	Other specified diabetes mellitus with peripheral circulatory complications	5
E14.5	Unspecified diabetes mellitus with peripheral circulatory complications	5
F45.3	Somatoform autonomic dysfunction	5
G90.0	Idiopathic peripheral autonomic neuropathy	5
I01.0	Acute rheumatic pericarditis	5
I01.1	Acute rheumatic endocarditis	5
I01.2	Acute rheumatic myocarditis	5
I01.8	Other acute rheumatic heart disease	5
I01.9	Acute rheumatic heart disease, unspecified	5
I02.0	Rheumatic chorea with heart involvement	5
I02.9	Rheumatic chorea without heart involvement	5
I05.0	Mitral stenosis	5
I05.1	Rheumatic mitral insufficiency	5
I05.2	Mitral stenosis with insufficiency	5
I05.8	Other mitral valve diseases	5
I05.9	Mitral valve disease, unspecified	5
I06.0	Rheumatic aortic stenosis	5
I06.1	Rheumatic aortic insufficiency	5
I06.2	Rheumatic aortic stenosis with insufficiency	5
I06.8	Other rheumatic aortic valve diseases	5
I06.9	Rheumatic aortic valve disease, unspecified	5
I07.0	Tricuspid stenosis	5
I07.1	Tricuspid insufficiency	5
I07.2	Tricuspid stenosis with insufficiency	5
I07.8	Other tricuspid valve diseases	5
I07.9	Tricuspid valve disease, unspecified	5
I08.0	Disorders of both mitral and aortic valves	5
I08.1	Disorders of both mitral and tricuspid valves	5
I08.2	Disorders of both aortic and tricuspid valves	5
I08.3	Combined disorders of mitral, aortic and tricuspid valves	5
I08.8	Other multiple valve diseases	5
I08.9	Multiple valve disease, unspecified	5

ICD-10 WHO	Title	MDC
I09.0	Rheumatic myocarditis	5
I09.1	Rheumatic diseases of endocardium, valve unspecified	5
I09.2	Chronic rheumatic pericarditis	5
I09.8	Other specified rheumatic heart diseases	5
I09.9	Rheumatic heart disease, unspecified	5
I10	Essential (primary) hypertension	5
I11.0	Hypertensive heart disease with (congestive) heart failure	5
I11.9	Hypertensive heart disease without (congestive) heart failure	5
I13.0	Hypertensive heart and renal disease with (congestive) heart failure	5
I13.2	Hypertensive heart and renal disease with both (congestive) heart failure and renal failure	5
I13.9	Hypertensive heart and renal disease, unspecified	5
I15.0	Renovascular hypertension	5
I15.1	Hypertension secondary to other renal disorders	5
I15.2	Hypertension secondary to endocrine disorders	5
I15.8	Other secondary hypertension	5
I15.9	Secondary hypertension, unspecified	5
I20.0	Unstable angina	5
I20.1	Angina pectoris with documented spasm	5
I20.8	Other forms of angina pectoris	5
I20.9	Angina pectoris, unspecified	5
I21.0	Acute transmural myocardial infarction of anterior wall	5
I21.1	Acute transmural myocardial infarction of inferior wall	5
I21.2	Acute transmural myocardial infarction of other sites	5
I21.3	Acute transmural myocardial infarction of unspecified site	5
I21.4	Acute subendocardial myocardial infarction	5
I21.9	Acute myocardial infarction, unspecified	5
I22.0	Subsequent myocardial infarction of anterior wall	5
I22.1	Subsequent myocardial infarction of inferior wall	5
I22.8	Subsequent myocardial infarction of other sites	5
I22.9	Subsequent myocardial infarction of unspecified site	5
I23.0	Haemopericardium as current complication following acute myocardial infarction	5
I23.1	Atrial septal defect as current complication following acute myocardial infarction	5
I23.2	Ventricular septal defect as current complication following acute myocardial infarction	5
I23.3	Rupture of cardiac wall without haemopericardium as current complication following acute myocardial infarction	5
I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction	5
I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction	5
I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction	5
I23.8	Other current complications following acute myocardial infarction	5
I24.0	Coronary thrombosis not resulting in myocardial infarction	5
I24.1	Dressler's syndrome	5

ICD-10 WHO	Title	MDC
I24.8	Other forms of acute ischaemic heart disease	5
I24.9	Acute ischaemic heart disease, unspecified	5
I25.0	Atherosclerotic cardiovascular disease, so described	5
I25.1	Atherosclerotic heart disease	5
I25.2	Old myocardial infarction	5
I25.3	Aneurysm of heart	5
I25.4	Coronary artery aneurysm	5
I25.5	Ischaemic cardiomyopathy	5
I25.6	Silent myocardial ischaemia	5
I25.8	Other forms of chronic ischaemic heart disease	5
I25.9	Chronic ischaemic heart disease, unspecified	5
I27.0	Primary pulmonary hypertension	5
I27.1	Kyphoscoliotic heart disease	5
I27.2	Other secondary pulmonary hypertension	5
I27.8	Other specified pulmonary heart diseases	5
I27.9	Pulmonary heart disease, unspecified	5
I28.0	Arteriovenous fistula of pulmonary vessels	5
I28.1	Aneurysm of pulmonary artery	5
I28.8	Other specified diseases of pulmonary vessels	5
I28.9	Disease of pulmonary vessels, unspecified	5
I30.0	Acute nonspecific idiopathic pericarditis	5
I30.1	Infective pericarditis	5
I30.8	Other forms of acute pericarditis	5
I30.9	Acute pericarditis, unspecified	5
I31.0	Chronic adhesive pericarditis	5
I31.1	Chronic constrictive pericarditis	5
I31.2	Haemopericardium, not elsewhere classified	5
I31.3	Pericardial effusion (noninflammatory)	5
I31.8	Other specified diseases of pericardium	5
I31.9	Disease of pericardium, unspecified	5
I32.0	Pericarditis in bacterial diseases classified elsewhere	5
I32.1	Pericarditis in other infectious and parasitic diseases classified elsewhere	5
I32.8	Pericarditis in other diseases classified elsewhere	5
I33.0	Acute and subacute infective endocarditis	5
I33.9	Acute endocarditis, unspecified	5
I34.0	Mitral (valve) insufficiency	5
I34.1	Mitral (valve) prolapse	5
I34.2	Nonrheumatic mitral (valve) stenosis	5
I34.8	Other nonrheumatic mitral valve disorders	5
I34.9	Nonrheumatic mitral valve disorder, unspecified	5
I35.0	Aortic (valve) stenosis	5
I35.1	Aortic (valve) insufficiency	5
I35.2	Aortic (valve) stenosis with insufficiency	5
I35.8	Other aortic valve disorders	5
I35.9	Aortic valve disorder, unspecified	5
I36.0	Nonrheumatic tricuspid (valve) stenosis	5

ICD-10 WHO	Title	MDC
I36.1	Nonrheumatic tricuspid (valve) insufficiency	5
I36.2	Nonrheumatic tricuspid (valve) stenosis with insufficiency	5
I36.8	Other nonrheumatic tricuspid valve disorders	5
I36.9	Nonrheumatic tricuspid valve disorder, unspecified	5
I37.0	Pulmonary valve stenosis	5
I37.1	Pulmonary valve insufficiency	5
I37.2	Pulmonary valve stenosis with insufficiency	5
I37.8	Other pulmonary valve disorders	5
I37.9	Pulmonary valve disorder, unspecified	5
I38	Endocarditis, valve unspecified	5
I39.0	Mitral valve disorders in diseases classified elsewhere	5
I39.1	Aortic valve disorders in diseases classified elsewhere	5
I39.2	Tricuspid valve disorders in diseases classified elsewhere	5
I39.3	Pulmonary valve disorders in diseases classified elsewhere	5
I39.4	Multiple valve disorders in diseases classified elsewhere	5
I39.8	Endocarditis, valve unspecified, in diseases classified elsewhere	5
I40.0	Infective myocarditis	5
I40.1	Isolated myocarditis	5
I40.8	Other acute myocarditis	5
I40.9	Acute myocarditis, unspecified	5
I41.0	Myocarditis in bacterial diseases classified elsewhere	5
I41.1	Myocarditis in viral diseases classified elsewhere	5
I41.2	Myocarditis in other infectious and parasitic diseases classified elsewhere	5
I41.8	Myocarditis in other diseases classified elsewhere	5
I42.0	Dilated cardiomyopathy	5
I42.1	Obstructive hypertrophic cardiomyopathy	5
I42.2	Other hypertrophic cardiomyopathy	5
I42.3	Endomyocardial (eosinophilic) disease	5
I42.4	Endocardial fibroelastosis	5
I42.5	Other restrictive cardiomyopathy	5
I42.6	Alcoholic cardiomyopathy	5
I42.7	Cardiomyopathy due to drugs and other external agents	5
I42.8	Other cardiomyopathies	5
I42.9	Cardiomyopathy, unspecified	5
I43.0	Cardiomyopathy in infectious and parasitic diseases classified elsewhere	5
I43.1	Cardiomyopathy in metabolic diseases	5
I43.2	Cardiomyopathy in nutritional diseases	5
I43.8	Cardiomyopathy in other diseases classified elsewhere	5
I44.0	Atrioventricular block, first degree	5
I44.1	Atrioventricular block, second degree	5
I44.2	Atrioventricular block, complete	5
I44.3	Other and unspecified atrioventricular block	5
I44.4	Left anterior fascicular block	5
I44.5	Left posterior fascicular block	5
I44.6	Other and unspecified fascicular block	5
I44.7	Left bundle-branch block, unspecified	5

ICD-10 WHO	Title	MDC
I45.0	Right fascicular block	5
I45.1	Other and unspecified right bundle-branch block	5
I45.2	Bifascicular block	5
I45.3	Trifascicular block	5
I45.4	Nonspecific intraventricular block	5
I45.5	Other specified heart block	5
I45.6	Pre-excitation syndrome	5
I45.8	Other specified conduction disorders	5
I45.9	Conduction disorder, unspecified	5
I46.0	Cardiac arrest with successful resuscitation	5
I46.1	Sudden cardiac death, so described	5
I46.9	Cardiac arrest, unspecified	5
I47.0	Re-entry ventricular arrhythmia	5
I47.1	Supraventricular tachycardia	5
I47.2	Ventricular tachycardia	5
I47.9	Paroxysmal tachycardia, unspecified	5
I48	Atrial fibrillation and flutter	5
I49.0	Ventricular fibrillation and flutter	5
I49.1	Atrial premature depolarization	5
I49.2	Junctional premature depolarization	5
I49.3	Ventricular premature depolarization	5
I49.4	Other and unspecified premature depolarization	5
I49.5	Sick sinus syndrome	5
I49.8	Other specified cardiac arrhythmias	5
I49.9	Cardiac arrhythmia, unspecified	5
I50.0	Congestive heart failure	5
I50.1	Left ventricular failure	5
I50.9	Heart failure, unspecified	5
I51.0	Cardiac septal defect, acquired	5
I51.1	Rupture of chordae tendineae, not elsewhere classified	5
I51.2	Rupture of papillary muscle, not elsewhere classified	5
I51.3	Intracardiac thrombosis, not elsewhere classified	5
I51.4	Myocarditis, unspecified	5
I51.5	Myocardial degeneration	5
I51.6	Cardiovascular disease, unspecified	5
I51.7	Cardiomegaly	5
I51.8	Other ill-defined heart diseases	5
I51.9	Heart disease, unspecified	5
I52.0	Other heart disorders in bacterial diseases classified elsewhere	5
I52.1	Other heart disorders in other infectious and parasitic diseases classified elsewhere	5
I52.8	Other heart disorders in other diseases classified elsewhere	5
I67.4	Hypertensive encephalopathy	5
I70.0	Atherosclerosis of aorta	5
I70.1	Atherosclerosis of renal artery	5
I70.2	Atherosclerosis of arteries of extremities	5
I70.8	Atherosclerosis of other arteries	5

ICD-10 WHO	Title	MDC
I70.9	Generalized and unspecified atherosclerosis	5
I71.0	Dissection of aorta [any part]	5
I71.1	Thoracic aortic aneurysm, ruptured	5
I71.2	Thoracic aortic aneurysm, without mention of rupture	5
I71.3	Abdominal aortic aneurysm, ruptured	5
I71.4	Abdominal aortic aneurysm, without mention of rupture	5
I71.5	Thoracoabdominal aortic aneurysm, ruptured	5
I71.6	Thoracoabdominal aortic aneurysm, without mention of rupture	5
I71.8	Aortic aneurysm of unspecified site, ruptured	5
I71.9	Aortic aneurysm of unspecified site, without mention of rupture	5
I72.0	Aneurysm of carotid artery	5
I72.1	Aneurysm of artery of upper extremity	5
I72.3	Aneurysm of iliac artery	5
I72.4	Aneurysm of artery of lower extremity	5
I72.8	Aneurysm of other specified arteries	5
I72.9	Aneurysm of unspecified site	5
I73.1	Thromboangiitis obliterans [Buerger]	5
I73.8	Other specified peripheral vascular diseases	5
I73.9	Peripheral vascular disease, unspecified	5
I74.0	Embolism and thrombosis of abdominal aorta	5
I74.1	Embolism and thrombosis of other and unspecified parts of aorta	5
I74.2	Embolism and thrombosis of arteries of upper extremities	5
I74.3	Embolism and thrombosis of arteries of lower extremities	5
I74.4	Embolism and thrombosis of arteries of extremities, unspecified	5
I74.5	Embolism and thrombosis of iliac artery	5
I74.8	Embolism and thrombosis of other arteries	5
I74.9	Embolism and thrombosis of unspecified artery	5
I77.0	Arteriovenous fistula, acquired	5
I77.1	Stricture of artery	5
I77.2	Rupture of artery	5
I77.3	Arterial fibromuscular dysplasia	5
I77.5	Necrosis of artery	5
I77.8	Other specified disorders of arteries and arterioles	5
I77.9	Disorder of arteries and arterioles, unspecified	5
I78.0	Hereditary haemorrhagic telangiectasia	5
I78.8	Other diseases of capillaries	5
I78.9	Disease of capillaries, unspecified	5
I79.0	Aneurysm of aorta in diseases classified elsewhere	5
I79.1	Aortitis in diseases classified elsewhere	5
I79.2	Peripheral angiopathy in diseases classified elsewhere	5
I79.8	Other disorders of arteries, arterioles and capillaries in diseases classified elsewhere	5
I80.0	Phlebitis and thrombophlebitis of superficial vessels of lower extremities	5
I80.1	Phlebitis and thrombophlebitis of femoral vein	5
I80.2	Phlebitis and thrombophlebitis of other deep vessels of lower extremities	5
I80.3	Phlebitis and thrombophlebitis of lower extremities, unspecified	5
I80.8	Phlebitis and thrombophlebitis of other sites	5

ICD-10 WHO	Title	MDC
I80.9	Phlebitis and thrombophlebitis of unspecified site	5
I82.1	Thrombophlebitis migrans	5
I82.2	Embolism and thrombosis of vena cava	5
I82.8	Embolism and thrombosis of other specified veins	5
I82.9	Embolism and thrombosis of unspecified vein	5
I83.0	Varicose veins of lower extremities with ulcer	5
I83.1	Varicose veins of lower extremities with inflammation	5
I83.2	Varicose veins of lower extremities with both ulcer and inflammation	5
I83.9	Varicose veins of lower extremities without ulcer or inflammation	5
I86.0	Sublingual varices	5
I86.4	Gastric varices	5
I86.8	Varicose veins of other specified sites	5
I87.0	Postphlebotic syndrome	5
I87.1	Compression of vein	5
I87.2	Venous insufficiency (chronic)(peripheral)	5
I87.8	Other specified disorders of veins	5
I87.9	Disorder of vein, unspecified	5
I95.0	Idiopathic hypotension	5
I95.1	Orthostatic hypotension	5
I95.2	Hypotension due to drugs	5
I95.8	Other hypotension	5
I95.9	Hypotension, unspecified	5
I97.0	Postcardiotomy syndrome	5
I97.1	Other functional disturbances following cardiac surgery	5
I97.8	Other postprocedural disorders of circulatory system, not elsewhere classified	5
I97.9	Postprocedural disorder of circulatory system, unspecified	5
I98.0	Cardiovascular syphilis	5
I98.1	Cardiovascular disorders in other infectious and parasitic diseases classified elsewhere	5
I98.8	Other specified disorders of circulatory system in diseases classified elsewhere	5
I99	Other and unspecified disorders of circulatory system	5
J81	Pulmonary oedema	5
Q20.0	Common arterial trunk	5
Q20.1	Double outlet right ventricle	5
Q20.2	Double outlet left ventricle	5
Q20.3	Discordant ventriculoarterial connection	5
Q20.4	Double inlet ventricle	5
Q20.5	Discordant atrioventricular connection	5
Q20.6	Isomerism of atrial appendages	5
Q20.8	Other congenital malformations of cardiac chambers and connections	5
Q20.9	Congenital malformation of cardiac chambers and connections, unspecified	5
Q21.0	Ventricular septal defect	5
Q21.1	Atrial septal defect	5
Q21.2	Atrioventricular septal defect	5
Q21.3	Tetralogy of Fallot	5
Q21.4	Aortopulmonary septal defect	5

ICD-10 WHO	Title	MDC
Q21.8	Other congenital malformations of cardiac septa	5
Q21.9	Congenital malformation of cardiac septum, unspecified	5
Q22.0	Pulmonary valve atresia	5
Q22.1	Congenital pulmonary valve stenosis	5
Q22.2	Congenital pulmonary valve insufficiency	5
Q22.3	Other congenital malformations of pulmonary valve	5
Q22.4	Congenital tricuspid stenosis	5
Q22.5	Ebstein's anomaly	5
Q22.6	Hypoplastic right heart syndrome	5
Q22.8	Other congenital malformations of tricuspid valve	5
Q22.9	Congenital malformation of tricuspid valve, unspecified	5
Q23.0	Congenital stenosis of aortic valve	5
Q23.1	Congenital insufficiency of aortic valve	5
Q23.2	Congenital mitral stenosis	5
Q23.3	Congenital mitral insufficiency	5
Q23.4	Hypoplastic left heart syndrome	5
Q23.8	Other congenital malformations of aortic and mitral valves	5
Q23.9	Congenital malformation of aortic and mitral valves, unspecified	5
Q24.0	Dextrocardia	5
Q24.1	Laevocardia	5
Q24.2	Cor triatriatum	5
Q24.3	Pulmonary infundibular stenosis	5
Q24.4	Congenital subaortic stenosis	5
Q24.5	Malformation of coronary vessels	5
Q24.6	Congenital heart block	5
Q24.8	Other specified congenital malformations of heart	5
Q24.9	Congenital malformation of heart, unspecified	5
Q25.0	Patent ductus arteriosus	5
Q25.1	Coarctation of aorta	5
Q25.2	Atresia of aorta	5
Q25.3	Stenosis of aorta	5
Q25.4	Other congenital malformations of aorta	5
Q25.5	Atresia of pulmonary artery	5
Q25.6	Stenosis of pulmonary artery	5
Q25.7	Other congenital malformations of pulmonary artery	5
Q25.8	Other congenital malformations of great arteries	5
Q25.9	Congenital malformation of great arteries, unspecified	5
Q26.0	Congenital stenosis of vena cava	5
Q26.1	Persistent left superior vena cava	5
Q26.2	Total anomalous pulmonary venous connection	5
Q26.3	Partial anomalous pulmonary venous connection	5
Q26.4	Anomalous pulmonary venous connection, unspecified	5
Q26.5	Anomalous portal venous connection	5
Q26.6	Portal vein-hepatic artery fistula	5
Q26.8	Other congenital malformations of great veins	5
Q26.9	Congenital malformation of great vein, unspecified	5

ICD-10 WHO	Title	MDC
Q27.0	Congenital absence and hypoplasia of umbilical artery	5
Q27.1	Congenital renal artery stenosis	5
Q27.2	Other congenital malformations of renal artery	5
Q27.3	Peripheral arteriovenous malformation	5
Q27.4	Congenital phlebectasia	5
Q27.8	Other specified congenital malformations of peripheral vascular system	5
Q27.9	Congenital malformation of peripheral vascular system, unspecified	5
Q28.8	Other specified congenital malformations of circulatory system	5
Q28.9	Congenital malformation of circulatory system, unspecified	5
R00.0	Tachycardia, unspecified	5
R00.1	Bradycardia, unspecified	5
R00.2	Palpitations	5
R00.8	Other and unspecified abnormalities of heart beat	5
R01.0	Benign and innocent cardiac murmurs	5
R01.1	Cardiac murmur, unspecified	5
R01.2	Other cardiac sounds	5
R02	Gangrene, not elsewhere classified	5
R03.0	Elevated blood-pressure reading, without diagnosis of hypertension	5
R03.1	Nonspecific low blood-pressure reading	5
R07.2	Precordial pain	5
R07.3	Other chest pain	5
R07.4	Chest pain, unspecified	5
R55	Syncope and collapse	5
R57.0	Cardiogenic shock	5
R57.9	Shock, unspecified	5
R58	Haemorrhage, not elsewhere classified	5
R93.1	Abnormal findings on diagnostic imaging of heart and coronary circulation	5
R94.3	Abnormal results of cardiovascular function studies	5
R96.0	Instantaneous death	5
S26.0	Injury of heart with haemopericardium	5
S26.8	Other injuries of heart	5
S26.9	Injury of heart, unspecified	5
T80.1	Vascular complications following infusion, transfusion and therapeutic injection	5
T81.7	Vascular complications following a procedure, not elsewhere classified	5
T82.0	Mechanical complication of heart valve prosthesis	5
T82.1	Mechanical complication of cardiac electronic device	5
T82.2	Mechanical complication of coronary artery bypass and valve grafts	5
T82.3	Mechanical complication of other vascular grafts	5
T82.4	Mechanical complication of vascular dialysis catheter	5
T82.5	Mechanical complication of other cardiac and vascular devices and implants	5
T82.6	Infection and inflammatory reaction due to cardiac valve prosthesis	5
T82.7	Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts	5
T82.8	Other complications of cardiac and vascular prosthetic devices, implants and grafts	5
T82.9	Unspecified complication of cardiac and vascular prosthetic device, implant and graft	5
T86.2	Heart transplant failure and rejection	5

ICD-10 WHO	Title	MDC
T86.3	Heart-lung transplant failure and rejection	5
Z01.8	Other specified special examinations	5
Z03.4	Observation for suspected myocardial infarction	5
Z03.5	Observation for other suspected cardiovascular diseases	5
Z45.0	Adjustment and management of cardiac pacemaker	5
Z94.1	Heart transplant status	5
Z95.0	Presence of cardiac pacemaker	5
Z95.2	Presence of prosthetic heart valve	5
Z95.3	Presence of xenogenic heart valve	5
Z95.4	Presence of other heart-valve replacement	5
Z95.8	Presence of other cardiac and vascular implants and grafts	5
Z95.9	Presence of cardiac and vascular implant and graft, unspecified	5

ANNEX 3: INDICATORS FOR PATIENT SAFETY QUESTIONNAIRE 2008

OECD Patient Safety Experts Subgroup HCQI Project

Indicators for Patient Safety Questionnaire 2008

This questionnaire was sent to all countries that volunteered to participate in the pilot to calculate Patient Safety Indicators (PSI) based on ICD 9/10 codes as part of the OECD HCQI Project in 2008.

Country:

Please provide us with the contact information of the person primarily responsible for completing this

Name:

Title:

Organization:

Address (postal):

Email:

Telephone:

OECD Patient Safety Experts Subgroup HCQI Project

Indicators for Patient Safety Questionnaire 2008

II. Information on hospital data used for the pilot

1. Types of information and data sources

1 If data is from one year of data collection, please indicate the year.

2 If data is pooled from several years of data collection, please indicate the years.

3 Which ICD version is being used?

ICD version	version used	Name of country modification
	x	
ICD - 9		
ICD - 10		

4 Which procedure classification is being used?

5 DRG reimbursement

	Yes	No
	x	x
Does your country use a DRG reimbursement system?		
If yes:		
Name of DRG reimbursement system		
Version of DRG reimbursement system		

6 Average length of hospital stay (ALOS)

What is the average length of hospital stay (ALOS)?	# of days
for which year of data collection?	year of data collection

OECD Patient Safety Experts Subgroup HCQI Project

Indicators for Patient Safety Questionnaire 2008

III. Details on medical documentation

7 Coding rules

	Yes	No	Unclear
	x	x	x
Are there any coding rules applied in your country to ensure that hospital discharge cases are abstracted in a uniform way?			

8 Principal Diagnosis

	Which definition of Principal Diagnosis (PDx) is used in your country	x
a	The PDx is the condition established after review to be chiefly responsible for causing the hospitalisation.	
b	The PDx is related to that condition demanding the most resources during the hospital stay.	
c	Unclear, there is no uniform definition in use.	
d	Other (please describe)	

9 Secondary Diagnosis

	Which definition of Secondary Diagnosis (SDx) is used in your country	x
a	A diagnosis qualifies for SDx documentation when additional resources (e.g. diagnostic means, therapeutic treatment, nursing, etc.) have been necessary. Diagnosis that related to an earlier episode which have no bearing on the current hospital stay are to be excluded.	
b	Any diagnosis (e.g. information on medical history without actual treatment, comorbidity, complications, etc.) related to that patient's condition qualifies as SDx.	
c	Unclear, there is no uniform definition in use.	
d	Other (please describe)	

10 External causes of morbidity and mortality

	The use of ICD codes for external causes of morbidity and mortality is:	x
a	optional	
b	mandatory	
c	of no use	
d	unclear	

11 How many **data fields for secondary diagnosis documentation** were available in the data used for the calculation of indicators?

12 What is the **mean number of secondary diagnoses per case** in the data used for indicator calculation?

13 How many **data fields for procedure documentation** were available in the data used for indicator calculation?

14 Pre-admission and post-admission criteria

	Are there any additional criteria (e.g. diagnosis type indicator) in use in your country to qualify a diagnosis or to distinguish between pre-admission conditions and post-admission condition?	x
	No	
	Yes	
	if yes please explain the criteria	

15 Additional criteria

	Are there any additional criteria (e.g. procedure type indicator) in use in your country to qualify a procedure?	x
	No	
	Yes	
	if yes please explain the criteria	

OECD Patient Safety Experts Subgroup HCQI Project

Indicators for Patient Safety Questionnaire 2008

IV. Details on administrative information

16 Routine hospital data for **neonates**

	The following information can be derived from routine hospital data:	Yes	No	Unclear
	Neonates	x	x	x
a	admission weight of neonates			
b	birth weight of in-hospital born newborns			
c	age in days			

17 Routine hospital data for **operating room procedures**

	The following information can be derived from routine hospital data:	Yes	No	Unclear
	Operating room procedures	x	x	x
a	date of operating room procedure			

18 Routine hospital data on **admission types and sources**

	The following information can be derived from routine hospital data:	Yes	No	Unclear
	Admission types and sources	x	x	x
a	emergency			
b	elective			
c	newborn			
d	delivery			
e	admitted from a long-term facility			
f	transferred from an acute care facility			

19 **Data Collection** - Who performs the data collection (coding of diagnoses and procedures) in hospitals?

		x
a	Professional Clinical Coders, not involved in the treatment	
b	Medical Doctors who are involved in the treatment	
c	Nursing Staff who is involved in the treatment	
d	Other, please describe	

OECD Patient Safety Experts Subgroup HCQI Project

Indicators for Patient Safety Questionnaire 2008

V. Details on calculation of indicators

20 Which **software** has been used for indicator calculation?

		x
a	SAS	
b	SPSS	
c	STATA	
d	Other, please describe	

21 OECD **manual**

	Is the OECD Technical Manual for Patient Safety Indicators being used to calculate the indicators?	x
a	Yes, without any modification.	
b	Yes, with modifications. (Please note modifications.)	
c	No, the AHRQ definitions are being used. (Please note which version of the AHRQ-PSI.)	
d	No, another method is being used. (Please explain.)	

22 Principal diagnosis - **demanding the most resources**

	If principal diagnosis (PDx) is defined by diagnosis demanding the most resources,	Yes	No	Unclear
		x	x	x
	was data rearranged as proposed in the manual?			

23 Institutional level

	Data used for the calculation of the indicators	Yes	No	Unclear
		x	x	x
	could be analysed on an institutional level?			

24 Number of reporting institutions

		#	Unclear
	The indicator calculations are based on data from how many institutions?		

25 **Psychiatric** institutions

	Psychiatric Institutions could be eliminated from the calculation?	Yes	No
		x	x

a If psychiatric institutions could not be eliminated from the calculation, can you **estimate** how many cases treated in psychiatric institutions are in the calculation?
 approximate number of cases treated at psychiatric institutions

26 Small denominator populations

	Indicators with small denominator populations on institutional level were excluded from calculation?	Yes	No	Unclear
	If yes, what was the lower bound?			

27 Small numerator populations

	Indicators with small numerator populations on institutional level were excluded from calculation?	Yes	No	Unclear
	If yes, what was the lower bound?			

28 Please include any further remarks on calculating the Patient Safety Indicators using the OECD Manual.

OECD Patient Safety Experts Subgroup HCQI Project
Indicators for Patient Safety Questionnaire 2008

VI. Population Rates

29 The Population Rate is the sum of all numerator cases divided by the sum of all denominator cases per indicator.

Indicator	Number of Numerator Cases	Number of Denominator Cases	Rate (per 100)	Data Year(s)	Data Source (e.g. name of database(s))	OECD manual used without modification to calculate the indicator (Yes/No*)
Complications of anaesthesia (PSI 1)						
Decubitis ulcer (PSI 3)						
Foreign body left in during procedure (PSI 5)						
Iatrogenic Pneumothorax (PSI 6)						
Infection due to Medical Care (PSI 7)						
Postoperative hip fracture (PSI 8)						
Postoperative respiratory failure (PSI 11)						
Postoperative pulmonary embolism (PE) or deep vein thrombosis (DVT) (PSI 12)						
Postoperative sepsis (PSI 13)						
Technical difficulty with procedure (PSI 15)						
Transfusion reaction (PSI 16)						
Birth trauma - injury to neonate (PSI 17)						
Obstetric trauma - vaginal delivery with instrument (PSI 18)						
Obstetric trauma - vaginal delivery without instrument (PSI 19)						
Obstetric trauma - caesarean section (PSI 20)						

* If no, please specify each modification or variation at Question 21 in Section V

OECD Patient Safety Experts Subgroup HCQI Project

Indicators for Patient Safety Questionnaire 2008

VII. Mean Provider Rates

30 The Mean Provider Rate is the sum of individual hospital rates divided by the number of hospitals where indicator was applied.

Indicator	Mean Provider Rate (rate per 100)	Standard Deviation of Provider Rate	Data Year(s)	Data Source (e.g. name of database(s))	OECD manual used without modification to calculate the indicator (Yes/No*)
Complications of anaesthesia (PSI 1)					
Decubitis ulcer (PSI 3)					
Foreign body left in during procedure (PSI 5)					
Iatrogenic Pneumothorax (PSI 6)					
Infection due to Medical Care (PSI 7)					
Postoperative hip fracture (PSI 8)					
Postoperative respiratory failure (PSI 11)					
Postoperative pulmonary embolism (PE) or deep vein thrombosis (DVT) (PSI 12)					
Postoperative sepsis (PSI 13)					
Technical difficulty with procedure (PSI 15)					
Transfusion reaction (PSI 16)					
Birth trauma - injury to neonate (PSI 17)					
Obstetric trauma - vaginal delivery with instrument (PSI 18)					
Obstetric trauma - vaginal delivery without instrument (PSI 19)					
Obstetric trauma - caesarean section (PSI 20)					

* If no, please specify each modification or variation at Question 21 in Section V

Section VIII LOS strata

Indicators for Patient Safety Questionnaire 2008

Length of stay (days)	Complications of Anesthesia (PSI 1)		Decubitus Ulcer (PSI 3)		Iatrogenic Pneumothorax (PSI 6)		Infection Due to Medical Care (PSI 7)		Postoperative Hip Fracture (PSI 8)	
	Cases Numerator	Cases Denominator	Cases Numerator	Cases Denominator	Cases Numerator	Cases Denominator	Cases Numerator	Cases Denominator	Cases Numerator	Cases Denominator
0										
1										
2-3										
4-7										
8-14										
15-21										
22-28										
>28										

Length of stay (days)	Postoperative Respiratory Failure (PSI 11)		Postoperative Pulmonary Embolism (PE) or Deep Vein Thrombosis (DVT) (PSI 12)		Postoperative Sepsis (PSI 13)		Technical Difficulty with Procedure / Accidental Puncture or Laceration (PSI 14)	
	Cases Numerator	Cases Denominator	Cases Numerator	Cases Denominator	Cases Numerator	Cases Denominator	Cases Numerator	Cases Denominator
0								
1								
2-3								
4-7								
8-14								
15-21								
22-28								
>28								

Section IX gender age strata

PSI	Postoperative Hip Fracture (PSI 8)											
Age Groups	<18		18 - 39		40 - 64		65 - 74		75 - 84		85+	
Gender	male	female	male	female	male	female	male	female	male	female	male	female
Cases Numerator												
Cases Denominator												

PSI	Postoperative Respiratory Failure (PSI 11)											
Age Groups	<18		18 - 39		40 - 64		65 - 74		75 - 84		85+	
Gender	male	female	male	female	male	female	male	female	male	female	male	female
Cases Numerator												
Cases Denominator												

PSI	Postoperative Pulmonary Embolism (PE) or Deep Vein Thrombosis (DVT) (PSI 12)											
Age Groups	<18		18 - 39		40 - 64		65 - 74		75 - 84		85+	
Gender	male	female	male	female	male	female	male	female	male	female	male	female
Cases Numerator												
Cases Denominator												

PSI	Postoperative Sepsis (PSI 13)											
Age Groups	<18		18 - 39		40 - 64		65 - 74		75 - 84		85+	
Gender	male	female	male	female	male	female	male	female	male	female	male	female
Cases Numerator												
Cases Denominator												

DELSA/ELSA/WD/HTP(2008)1
Section X Decubitus Ulcer

Indicators for Patient Safety Questionnaire 2008

Treatment type	Surgical treatment											
Age Groups	<18		18 - 39		40 - 64		65 - 74		75 - 84		85+	
Gender	male	female	male	female	male	female	male	female	male	female	male	female
Cases Numerator												
Cases Denominator												

Treatment type	Medical treatment											
Age Groups	<18		18 - 39		40 - 64		65 - 74		75 - 84		85+	
Gender	male	female	male	female	male	female	male	female	male	female	male	female
Cases Numerator												
Cases Denominator												

Section XI Iatr Pneumothorax

Indicators for Patient Safety Questionnaire 2008

Treatment type	Surgical treatment											
Age Groups	<18		18 - 39		40 - 64		65 - 74		75 - 84		85+	
Gender	male	female	male	female	male	female	male	female	male	female	male	female
Cases Numerator												
Cases Denominator												

Treatment type	Medical treatment											
Age Groups	<18		18 - 39		40 - 64		65 - 74		75 - 84		85+	
Gender	male	female	male	female	male	female	male	female	male	female	male	female
Cases Numerator												
Cases Denominator												

DELSA/ELSA/WD/HTP(2008)1
Section XII Infec Med Care

Indicators for Patient Safety Questionnaire 2008

Treatment type	Surgical treatment											
	<18		18 - 39		40 - 64		65 - 74		75 - 84		85+	
Age Groups												
Gender	male	female	male	female	male	female	male	female	male	female	male	female
Cases Numerator												
Cases Denominator												

Treatment type	Medical treatment											
	<18		18 - 39		40 - 64		65 - 74		75 - 84		85+	
Age Groups												
Gender	male	female	male	female	male	female	male	female	male	female	male	female
Cases Numerator												
Cases Denominator												

Section XIII Techn Diffici

Indicators for Patient Safety Questionnaire 2008

Treatment type	Surgical treatment											
Age Groups	<18		18 - 39		40 - 64		65 - 74		75 - 84		85+	
Gender	male	female	male	female	male	female	male	female	male	female	male	female
Cases Numerator												
Cases Denominator												

Treatment type	Medical treatment											
Age Groups	<18		18 - 39		40 - 64		65 - 74		75 - 84		85+	
Gender	male	female	male	female	male	female	male	female	male	female	male	female
Cases Numerator												
Cases Denominator												

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