

## Søgeprotokol for Nationale Kliniske Retningslinjer

<b>Projekttitle/aspekt</b>	NKR for diagnostik af MCI og demens - PIROs søgning på primær litteratur
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<b>Senest opdateret</b>	12. marts 2018

<b>Baggrund</b>	<p>PIROs</p> <p>1. Bør man anvende en kort kognitiv test i forbindelse med basal udredning for MCI eller demens til at afklare, om der foreligger kognitiv svækkelse?</p> <p>2. Bør man anvende strukturel scanning af hjernen i forbindelse med basal udredning for MCI eller demens?</p> <p>3. Bør man anvende strukturel scanning af hjernen i forbindelse med udredning for MCI eller demens med henblik på at differentiere mellem forskellige demenssygdomme?</p> <p>(PIRO 2 og 3 er samsøgt)</p> <p>(3) 4. Bør man foretage en systematisk vurdering af praktisk funktionsevne i hverdagen vha. et rating-instrument/spørgeskema i forbindelse med basal udredning for MCI eller demens?</p> <p>(4) 5. Bør man anvende biomarkører for Alzheimers sygdom i forbindelse med udredning af MCI?</p> <p>(5) 6. Bør man anvende biomarkører for Alzheimers sygdom ved tvivl om demensdiagnosen?</p> <p>(PIRO 5 og 6 samsøgt)</p> <p>(6)7. Bør man anvende funktionel scanning (18F-FDG-PET) med henblik på at skelne mellem Alzheimers sygdom og andre demenssygdomme?</p> <p>(7) 8. Bør man anvende dopamintransporter-scanning (DAT-SPECT) ved tvivl om, hvorvidt en patient har en demenssygdom indenfor Parkinsonspektret?</p> <p>(8) 9. Bør man anvende neuropsykologisk undersøgelse ved tvivl om, hvorvidt der foreligger MCI eller demens?</p>
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<b>Søgetermer</b>	Se søgestrategierne under de enkelte PIROs
<b>Inklusions- og eksklusionskriterier</b>	Sprog: Engelsk, dansk, norsk og svensk År: Se søgestrategierne under de enkelte PIROs Population: (ældre +65) Publikationstyper: Randomiserede kontrollerede forsøg / RCT, observationelle studier og kohortestudier

## Informationskilder

DATABASE	INTERFACE	DATO FOR SØGNING
Medline	OVID	18. januar – 12. marts 2018
EMBASE	OVID	18. januar – 12. marts 2018
PSYCINFO	OVID	18. januar – 12. marts 2018

**OBS!** The Cochrane library er søgt via Medline for PIRO 4 til 9, se søgestrategien under de enkelte PIROs.

## Note

- Søgetermer og inklusions- og eksklusionskriterier er tilpasset de enkelte databaser.
- Dubletter er så vidt muligt frasorteret ved hjælp af RefWorks. De fundne referencer overføres til Covidence (referenceværktøj)
- Fuldtekster præsenteres i Covidence i pdf-format
- Søgestrategi for hver enkelt database præsenteres – hvis muligt vises det eksplicit hvor mange referencer den enkelte søgestreng genererer

## Søgestrategi

### Primær PIRO 1

Skærpet søgefilteret for RCT og observationelle studier for dette PIRO

#### Medline (180118)

Database(s): Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present

Search Strategy:

#	Searches	Results
1	dementia assessment/ or presenile dementia/ or multiinfarct dementia/ or frontal variant frontotemporal dementia/ or frontotemporal dementia/ or semantic dementia/ or dementia/ or senile dementia/ or dementia.mp.	177012
2	dementia/ or dementia.mp.	116243
3	Alzheimer disease/ or alzheimer*.mp.	147104
4	mild cognitive impairment/ or MCI.mp.	20678
5	Neuropsychological Tests/ or mini-mental status examination*.mp. or Mental Status Schedule/	98481
6	mini-mental status examination*.mp.	956
7	MMSE.mp.	10048
8	mini-mental status examination*.mp. or Mental Status Schedule/	7526
9	clock test*.mp.	133
10	(montreal cognitive assessment* or MoCA).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	1995
11	montreal cognitive assessment.mp.	1630
12	MoCA.mp.	1513
13	cognitive test*.mp.	8397
14	1 or 2 or 3 or 4	230224
15	5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13	109615
16	14 and 15	27582
17	(randomized controlled trial* or controlled clinical trial* or RCT).ti,ab,kw.	148340
18	((cohort* or retro-spective or retrospective or case-control* or case control* or observational or multi-cent* or multicent* or evaluation or comparative or intervention or validation) adj3 (study or studies or trial*1 or	991903

	analys*)).ti,ab,kw.	
19	17 or 18	1114815
20	16 and 19	3076
21	limit 20 to ((danish or english or norwegian or swedish) and yr="2014 - 2018")	1051
22	remove duplicates from 21	872

## Embase (180118)

Database(s): **Embase** 1996 to 2018 Week 03

Search Strategy:

#	Searches	Results
1	dementia assessment/ or presenile dementia/ or multiinfarct dementia/ or frontal variant frontotemporal dementia/ or frontotemporal dementia/ or semantic dementia/ or dementia/ or senile dementia/ or dementia.mp.	139327
2	dementia/ or dementia.mp.	139326
3	Alzheimer disease/ or alzheimer*.mp.	179510
4	mild cognitive impairment/ or MCI.mp.	31081
5	Neuropsychological Tests/ or mini-mental status examination*.mp. or Mental Status Schedule/	137606
6	mini-mental status examination*.mp.	1402
7	MMSE.mp.	18106
8	mini-mental status examination*.mp. or Mental Status Schedule/	96821
9	clock test*.mp.	203
10	(montreal cognitive assessment* or MoCA).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	4886
11	montreal cognitive assessment.mp.	3897
12	MoCA.mp.	3480
13	cognitive test*.mp.	10947
14	1 or 2 or 3 or 4	273982
15	5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13	163471
16	14 and 15	27439
17	(randomized controlled trial* or controlled clinical trial* or RCT).ti,ab,kw.	170246

18	((cohort* or retro-spective or retrospective or case-control* or case control* or observational or multi-cent* or multicent* or evaluation or comparative or intervention or validation) adj3 (study or studies or trial*1 or analys*)).ti,ab,kw.	1165280
19	17 or 18	1304211

## Psycinfo

Database(s): **PsycINFO** 1806 to January Week 2 2018

Search Strategy:

#	Searches	Results
1	dementia assessment/ or presenile dementia/ or multiinfarct dementia/ or frontal variant frontotemporal dementia/ or frontotemporal dementia/ or semantic dementia/ or dementia/ or senile dementia/ or dementia.mp.	63111
2	dementia/ or dementia.mp.	63111
3	Alzheimer disease/ or alzheimer*.mp.	55888
4	mild cognitive impairment/ or MCI.mp.	5655
5	Neuropsychological Tests/ or mini-mental status examination*.mp. or Mental Status Schedule/	937
6	mini-mental status examination*.mp.	937
7	MMSE.mp.	5281
8	mini-mental status examination*.mp. or Mental Status Schedule/	937
9	clock test*.mp.	236
10	(montreal cognitive assessment* or MoCA).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]	2374
11	montreal cognitive assessment.mp.	2344
12	MoCA.mp.	549
13	cognitive test*.mp.	6499
14	1 or 2 or 3 or 4	93214
15	5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13	14382
16	14 and 15	6145
17	(randomized controlled trial* or controlled clinical trial* or RCT).ti,ab,kw.	24599
18	((cohort* or retro-spective or retrospective or case-control* or case control* or observational or multi-cent* or multicent* or evaluation or comparative or intervention or validation) adj3 (study or studies or trial*1 or analys*)).ti,ab,kw.	108042

19	17 or 18	129661
20	16 and 19	753
21	limit 20 to ((danish or english or norwegian or swedish) and yr="2014 - 2018")	257

## Primær PIRO 2 og PIRO 3 (samsøgt)

### Medline (180118)

Database(s): Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present

Search Strategy:

#	Searches	Results
1	dementia assessment/ or presenile dementia/ or multiinfarct dementia/ or frontal variant frontotemporal dementia/ or frontotemporal dementia/ or semantic dementia/ or dementia/ or senile dementia/ or dementia.mp.	177012
2	dementia/ or dementia.mp.	116243
3	Alzheimer disease/ or alzheimer*.mp.	147104
4	lewy body.mp. or Lewy body/	6668
5	lewy bodies.mp.	7175
6	diffuse Lewy body disease/ or lewy body disease*.mp.	3974
7	mild cognitive impairment/ or MCI.mp.	20678
8	mild cognitive impairment*.mp.	13936
9	cognitive defect/ or amnesia/ or memory disorder/ or memory disorder*.mp.	28437
10	cognitive disturbance*.mp.	1562
11	neurocognitive disorder*.mp.	11212
12	Dementia, Vascular/ or vascular dementia*.mp.	8166
13	frontotemporal dementia.mp. or Frontotemporal Dementia/	6565
14	Parkinson Disease/ or parkinson disease*.mp.	72406
15	X ray analysis/ or X ray crystallography/ or X ray/ or radiography/ or x-ray*.mp. or X ray diffraction/ or X ray fluorescence/	1113157
16	tomography/ or spiral computer assisted tomography/ or radiotherapy/ or computer tomograph*.mp.	70197
17	CAT scan*.mp.	1299
18	x-ray CT scan*.mp.	281

19	tomodensitometry.mp. or radiodensitometry/	654
20	diagnostic test/ or predictive value/ or predictive value of test*.mp. or diagnostic value/	209471
21	predictive value*.mp.	266284
22	diagnostic accuracy/ or diagnostic test accuracy study/ or diagnostic accurac*.mp.	39681
23	test accura*.mp.	2069
24	overall performance*.mp.	5964
25	"Sensitivity and Specificity"/	355204
26	Diagnostic Imaging/	42446
27	Radiography/ or Diagnostic Imaging/ or Tomography, X-Ray Computed/ or diagnostic imaging*.mp.	763203
28	Magnetic Resonance Imaging/ or MRI*.mp.	481086
29	Magnetic Resonance Spectroscopy/ or Magnetic Resonance Imaging/ or Magnetic Resonance Imaging*.mp.	631190
30	MR*.mp.	937791
31	MR tomograph*.mp.	541
32	NMR tomograph*.mp.	209
33	or/1-14	325790
34	20 or 21 or 22 or 23 or 24 or 25 or 26	645258
35	15 or 16 or 17 or 18 or 19 or 26 or 27 or 28 or 29 or 30 or 31 or 32	2405611
36	33 and 34 and 35	3233
37	(((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	627214
38	((Epidemiologic or cohort* or perspective or prospective or longitud* or follow-up or follow up or followup or retro-spective or retrospective or case-control* or case control* or observational or cross-section* or cross section* or multi-cent* or multicent* or evaluation or comparative or intervention or provoca* or validation) adj3 (study or studies or trial*1 or analys*)).ti,ab,kw.	1543097
39	37 or 38	1988623
40	34 and 36 and 39	448
41	limit 40 to yr="2015 - 2018"	82
42	remove duplicates from 41	68

## Embase (180118)

Database(s): **Embase** 1996 to 2018 Week 03

Search Strategy:

#	Searches	Results
1	dementia assessment/ or presenile dementia/ or multiinfarct dementia/ or frontal variant frontotemporal dementia/ or frontotemporal dementia/ or semantic dementia/ or dementia/ or senile dementia/ or dementia.mp.	139327
2	dementia/ or dementia.mp.	139326
3	Alzheimer disease/ or alzheimer*.mp.	179510
4	lewy body.mp. or Lewy body/	12746
5	lewy bodies.mp.	8188
6	diffuse Lewy body disease/ or lewy body disease*.mp.	7133
7	mild cognitive impairment/ or MCI.mp.	31081
8	mild cognitive impairment*.mp.	23746
9	cognitive defect/ or amnesia/ or memory disorder/ or memory disorder*.mp.	166212
10	cognitive disturbance*.mp.	1888
11	neurocognitive disorder*.mp.	2605
12	Dementia, Vascular/ or vascular dementia*.mp.	9452
13	frontotemporal dementia.mp. or Frontotemporal Dementia/	13832
14	Parkinson Disease/ or parkinson disease*.mp.	115231
15	X ray analysis/ or X ray crystallography/ or X ray/ or radiography/ or x-ray*.mp. or X ray diffraction/ or X ray fluorescence/	487842
16	tomography/ or spiral computer assisted tomography/ or radiotherapy/ or computer tomograph*.mp.	168386
17	CAT scan*.mp.	856
18	x-ray CT scan*.mp.	323
19	tomodensitometry.mp. or radiodensitometry/	3086
20	diagnostic test/ or predictive value/ or predictive value of test*.mp. or diagnostic value/	323517
21	predictive value*.mp.	178261
22	diagnostic accuracy/ or diagnostic test accuracy study/ or diagnostic accurac*.mp.	256828
23	test accura*.mp.	76421
24	overall performance*.mp.	5815
25	"Sensitivity and Specificity"/	277580



26	Diagnostic Imaging/	133023
27	Radiography/ or Diagnostic Imaging/ or Tomography, X-Ray Computed/ or diagnostic imaging*.mp.	258285
28	Magnetic Resonance Imaging/ or MRI*.mp.	537827
29	Magnetic Resonance Spectroscopy/ or Magnetic Resonance Imaging/ or Magnetic Resonance Imaging*.mp.	758383
30	MR*.mp.	1032797
31	MR tomograph*.mp.	331
32	NMR tomograph*.mp.	26
33	or/1-14	476006
34	20 or 21 or 22 or 23 or 24 or 25 or 26	792278
35	15 or 16 or 17 or 18 or 19 or 26 or 27 or 28 or 29 or 30 or 31 or 32	2091223
36	33 and 34 and 35	7761
37	(((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*))) or rct).ti,ab,kw.	662871
38	((Epidemiologic or cohort* or perspective or prospective or longitud* or follow-up or follow up or followup or retro-spective or retrospective or case-control* or case control* or observational or cross-section* or cross section* or multi-cent* or multicent* or evaluation or comparative or intervention or provoca* or validation) adj3 (study or studies or trial*1 or analys*)).ti,ab,kw.	1756251
39	37 or 38	2216670
40	34 and 36 and 39	1005
41	limit 40 to yr="2015 - 2018"	281

## Primær PIRO 4

### Medline (050318)

Database(s): Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present

Search Strategy:

#	Searches	Results
1	dementia assessment/ or presenile dementia/ or multiinfarct dementia/ or frontal variant frontotemporal dementia/ or frontotemporal dementia/ or semantic dementia/ or dementia/ or senile dementia/ or dementia.mp.	161653
2	dementia/ or dementia.mp.	106323

3	Alzheimer disease/ or alzheimer*.mp.	135005
4	lewy body.mp. or Lewy body/	5835
5	lewy bodies.mp.	6366
6	diffuse Lewy body disease/ or lewy body disease*.mp.	3460
7	mild cognitive impairment/ or MCI.mp.	18967
8	mild cognitive impairmen*.mp.	12768
9	cognitive defect/ or amnesia/ or memory disorder/ or memory disorder*.mp.	26103
10	cognitive disturbance*.mp.	1432
11	neurocognitive disorder*.mp.	10366
12	Dementia, Vascular/ or vascular dementia*.mp.	7419
13	frontotemporal dementia.mp. or Frontotemporal Dementia/	5639
14	neurocognitive disorder*.mp.	10366
15	or/1-14	243686
16	ADL.mp. or daily life activity/ or ADL disability/	8444
17	daily life activity/ or activities of daily living*.mp. or functional assessment/ or occupational therapy/	79581
18	executive function/ or executive function*.mp.	25075
19	functional status/ or functional status*.mp.	21787
20	functional capacity*.mp.	11337
21	functional performance*.mp.	3474
22	daily life activit*.mp.	1211
23	quality of life*.mp.	279387
24	daily function*.mp.	2651
25	everyday function*.mp.	985
26	occupational exposure/	49495
27	occupational assessment*.mp.	43
28	"activity of daily living assessment"/ or instrumental activit*.mp.	3641
29	early diagnosis.mp. or early diagnosis/	83433
30	disability/ or disability.mp.	196614
31	or/16-30	686920
32	(assessment* or Psychometric* or diagnos* or identif*).ti,ab,kw.	5015266
33	(diagnostic accuracy or sensitivity or specificity or AUC or ROC or predictive value or diagnostic	1022216

	performance or diagnostic utility).ti,ab,kw,kf.	
34	PSYCHOMETRICS/	66112
35	32 or 33 or 34	5666899
36	(diagnosing* or "Sensitivity and Specificity").mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	424061
37	diagnosis/ or diagnostic accuracy/ or diagnostic test/ or "sensitivity and specificity"/ or diagnostic test*.mp. or diagnostic test accuracy study/ [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	380492
38	36 or 37	477831
39	15 and 31 and 38	908
40	35 and 39	855
41	limit 40 to yr="2015 - 2018"	206
42	limit 41 to "all aged (65 and over)"	111

## Embase (050318)

Database(s): **Embase** 1974 to 2018 Week 10

Search Strategy:

#	Searches	Results
1	dementia assessment/ or presenile dementia/ or multiinfarct dementia/ or frontal variant frontotemporal dementia/ or frontotemporal dementia/ or semantic dementia/ or dementia/ or senile dementia/ or dementia.mp.	166631
2	dementia/ or dementia.mp.	166630
3	Alzheimer disease/ or alzheimer*.mp.	204242
4	lewy body.mp. or Lewy body/	13594
5	lewy bodies.mp.	8822
6	diffuse Lewy body disease/ or lewy body disease*.mp.	7547
7	mild cognitive impairment/ or MCI.mp.	35612
8	mild cognitive impairmen*.mp.	24889
9	cognitive defect/ or amnesia/ or memory disorder/ or memory disorder*.mp.	184166
10	cognitive disturbance*.mp.	2182

11	neurocognitive disorder*.mp.	2683
12	Dementia, Vascular/ or vascular dementia*.mp.	11037
13	frontotemporal dementia.mp. or Frontotemporal Dementia/	14199
14	neurocognitive disorder*.mp.	2683
15	or/1-14	456494
16	ADL.mp. or daily life activity/ or ADL disability/	81687
17	daily life activity/ or activities of daily living*.mp. or functional assessment/ or occupational therapy/	153878
18	executive function/ or executive function*.mp.	43372
19	functional status/ or functional status*.mp.	57572
20	functional capacity*.mp.	17302
21	functional performance*.mp.	4654
22	daily life activit*.mp.	75531
23	quality of life*.mp.	470438
24	daily function*.mp.	4136
25	everyday function*.mp.	1435
26	occupational exposure/	75041
27	occupational assessment*.mp.	50
28	"activity of daily living assessment"/ or instrumental activit*.mp.	5632
29	early diagnosis.mp. or early diagnosis/	148833
30	disability/ or disability.mp.	246668
31	or/16-30	1094724
32	(diagnosing* or "Sensitivity and Specificity").mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	407883
33	diagnosis/ or diagnostic accuracy/ or diagnostic test/ or "sensitivity and specificity"/ or diagnostic test*.mp. or diagnostic test accuracy study/	1800645
34	(assessment* or Psychometric* or diagnos* or identif*).ti,ab,kw.	6679686
35	(diagnostic accuracy or sensitivity or specificity or AUC or ROC or predictive value or diagnostic performance or diagnostic utility).ti,ab,kw,kf.	1305472
36	psychiatric diagnosis/	17260
37	psychologic assessment/ or psychologic assessment*.mp.	23818

38	psychometry/	54825
39	34 or 35 or 36 or 37 or 38	7453743
40	32 or 33	1876458
41	15 and 31 and 40	7270
42	39 and 41	6811
43	limit 42 to yr="2015 - 2018"	2250
44	limit 43 to aged <65+ years>	655

## Psycinfo (050318)

Database(s): **PsycINFO** 1806 to February Week 4 2018

Search Strategy:

#	Searches	Results
1	dementia assessment/ or presenile dementia/ or multiinfarct dementia/ or frontal variant frontotemporal dementia/ or frontotemporal dementia/ or semantic dementia/ or dementia/ or senile dementia/ or dementia.mp.	63601
2	dementia/ or dementia.mp.	63601
3	Alzheimer disease/ or alzheimer*.mp.	56371
4	lewy body.mp. or Lewy body/	2473
5	lewy bodies.mp.	2846
6	diffuse Lewy body disease/ or lewy body disease*.mp.	578
7	mild cognitive impairment/ or MCI.mp.	5734
8	mild cognitive impairmen*.mp.	8739
9	cognitive defect/ or amnesia/ or memory disorder/ or memory disorder*.mp.	9528
10	cognitive disturbance*.mp.	1021
11	neurocognitive disorder*.mp.	984
12	Dementia, Vascular/ or vascular dementia*.mp.	3644
13	frontotemporal dementia.mp. or Frontotemporal Dementia/	3841
14	neurocognitive disorder*.mp.	984
15	or/1-14	103574
16	ADL.mp. or daily life activity/ or ADL disability/	2976
17	daily life activity/ or activities of daily living*.mp. or functional assessment/ or occupational therapy/	19615



18	executive function/ or executive function*.mp.	24516
19	functional status/ or functional status*.mp.	9601
20	functional capacity*.mp.	1671
21	functional performance*.mp.	897
22	daily life activit*.mp.	460
23	quality of life*.mp.	66730
24	daily function*.mp.	1880
25	everyday function*.mp.	1052
26	occupational exposure/	1102
27	occupational assessment*.mp.	50
28	"activity of daily living assessment"/ or instrumental activit*.mp.	4283
29	early diagnosis.mp. or early diagnosis/	3486
30	disability/ or disability.mp.	73136
31	or/16-30	185403
32	(assessment* or Psychometric* or diagnos* or identif*).ti,ab,id.	971927
33	(diagnostic accuracy or sensitivity or specificity or AUC or ROC or predictive value or diagnostic performance or diagnostic utility).ti,ab,id.	112710
34	PSYCHOMETRICS/	54699
35	32 or 33 or 34	1062003
36	(diagnosing* or "Sensitivity and Specificity").mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]	14592
37	diagnosis/ or diagnostic accuracy/ or diagnostic test/ or "sensitivity and specificity"/ or diagnostic test*.mp. or diagnostic test accuracy study/ [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]	44845
38	36 or 37	56436
39	15 and 31 and 38	1033
40	35 and 39	1013
41	limit 40 to yr="2015 - 2018"	219
42	limit 41 to "380 aged <age 65 yrs and older>"	87

## Primær PIRO 8

### Medline (080318)

Database(s): **Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present**

Search Strategy:

#	Searches	Results
1	dementia assessment/ or presenile dementia/ or multiinfarct dementia/ or frontal variant frontotemporal dementia/ or frontotemporal dementia/ or semantic dementia/ or dementia/ or senile dementia/ or dementia.mp.	161793
2	dementia/ or dementia.mp.	106412
3	Alzheimer disease/ or alzheimer*.mp.	135129
4	lewy body.mp. or Lewy body/	5843
5	lewy bodies.mp.	6377
6	diffuse Lewy body disease/ or lewy body disease*.mp.	3464
7	mild cognitive impairment/ or MCI.mp.	19025
8	mild cognitive impairmen*.mp.	12776
9	cognitive defect/ or amnesia/ or memory disorder/ or memory disorder*.mp.	26124
10	cognitive disturbance*.mp.	1432
11	neurocognitive disorder*.mp.	10369
12	Dementia, Vascular/ or vascular dementia*.mp.	7426
13	frontotemporal dementia.mp. or Frontotemporal Dementia/	5650
14	Parkinson Disease/ or parkinson disease*.mp.	65008
15	or/1-14	298107
16	Tomography, Emission-Computed, Single-Photon/ or DAT-SPECT*.mp.	28817
17	dopamine transporter scan*.mp.	34
18	dopamine transporter*.mp.	6159
19	Dopamine Plasma Membrane Transport Proteins/ or dopamine transporter*.mp.	7565
20	Psychologic assessment*.mp.	81
21	Psychometry.mp. or psychometry/	233
22	psychiatric diagnosis/ or psychiatric diagnosis*.mp.	151907
23	(diagnostic accuracy or sensitivity or specificity or AUC or ROC or predictive value or diagnostic performance or diagnostic utility).ti,ab,kw.	1018664

24	PSYCHOMETRICS/ or Psychometrics*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	67407
25	(assessment* or Psychometric* or diagnos* or identif*).ti,ab,kw.	5017788
26	16 or 17 or 18 or 19	35371
27	20 or 21 or 22 or 23 or 24 or 25	5774144
28	15 and 26 and 27	2253
29	limit 28 to yr="2015 - 2018"	316
30	limit 29 to "all aged (65 and over)"	181

## Embase (080318)

Database(s): **Embase** 1974 to 2018 March 07

Search Strategy:

#	Searches	Results
1	dementia assessment/ or presenile dementia/ or multiinfarct dementia/ or frontal variant frontotemporal dementia/ or frontotemporal dementia/ or semantic dementia/ or dementia/ or senile dementia/ or dementia.mp.	166756
2	dementia/ or dementia.mp.	166755
3	Alzheimer disease/ or alzheimer*.mp.	204388
4	lewy body.mp. or Lewy body/	13601
5	lewy bodies.mp.	8830
6	diffuse Lewy body disease/ or lewy body disease*.mp.	7550
7	mild cognitive impairment/ or MCI.mp.	35645
8	mild cognitive impairmen*.mp.	24918
9	cognitive defect/ or amnesia/ or memory disorder/ or memory disorder*.mp.	184306
10	cognitive disturbance*.mp.	2186
11	neurocognitive disorder*.mp.	2686
12	Dementia, Vascular/ or vascular dementia*.mp.	11049
13	frontotemporal dementia.mp. or Frontotemporal Dementia/	14208
14	Parkinson Disease/ or parkinson disease*.mp.	133367
15	or/1-14	552519



16	Tomography, Emission-Computed, Single-Photon/ or DAT-SPECT*.mp.	3447
17	dopamine transporter scan*.mp.	71
18	dopamine transporter*.mp.	11150
19	Dopamine Plasma Membrane Transport Proteins/ or dopamine transporter*.mp.	11151
20	Psychologic assessment*.mp.	23819
21	Psychometry.mp. or psychometry/	55002
22	psychiatric diagnosis/ or psychiatric diagnosis*.mp.	20990
23	(diagnostic accuracy or sensitivity or specificity or AUC or ROC or predictive value or diagnostic performance or diagnostic utility).ti,ab,kw.	1306569
24	PSYCHOMETRICS/ or Psychometrics*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	50960
25	(assessment* or Psychometric* or diagnos* or identif*).ti,ab,kw.	6687045
26	16 or 17 or 18 or 19	14184
27	20 or 21 or 22 or 23 or 24 or 25	7461642
28	15 and 26 and 27	1967
29	limit 28 to yr="2015 - 2018"	893
30	limit 29 to aged <65+ years>	224

## Primær PIRO 9

### Medline (120318)

Database(s): Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present

Search Strategy:

#	Searches	Results
1	dementia assessment/ or presenile dementia/ or multiinfarct dementia/ or frontal variant frontotemporal dementia/ or frontotemporal dementia/ or semantic dementia/ or dementia/ or senile dementia/ or dementia.mp.	161872
2	dementia/ or dementia.mp.	106485
3	Alzheimer disease/ or alzheimer*.mp.	135221
4	lewy body.mp. or Lewy body/	5846
5	lewy bodies.mp.	6378

6	diffuse Lewy body disease/ or lewy body disease*.mp.	3466
7	mild cognitive impairment/ or MCI.mp.	19060
8	mild cognitive impairmen*.mp.	12800
9	cognitive defect/ or amnesia/ or memory disorder/ or memory disorder*.mp.	26135
10	cognitive disturbance*.mp.	1432
11	neurocognitive disorder*.mp.	10373
12	Dementia, Vascular/ or vascular dementia*.mp.	7431
13	frontotemporal dementia.mp. or Frontotemporal Dementia/	5655
14	Parkinson Disease/ or parkinson disease*.mp.	65037
15	or/1-14	298301
16	Neuropsychological Tests/ or neuropsychological test*.mp.	88826
17	memory for designs test*.mp.	43
18	"Sensitivity and Specificity"/	323753
19	neuropsychological diagnostic test*.mp.	3
20	neuropsychological diagnostic test*.ti,ab.	3
21	neuropsychologic test*.mp.	570
22	"Predictive Value of Tests"/ or predictive value*.mp. or "Sensitivity and Specificity"/	518863
23	diagnostic accuracy.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	35441
24	diagnostic accurac*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	35858
25	test accurac*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	1913
26	overall performance*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	5487
27	16 or 17 or 19 or 21	89056
28	22 or 23 or 24 or 25 or 26	544077

29	15 and 27 and 28	2671
30	(assessment* or Psychometric* or diagnos* or identif*).ti,ab,kw.	5022043
31	(diagnostic accuracy or sensitivity or specificity or AUC or ROC or predictive value or diagnostic performance or diagnostic utility).ti,ab,kw,kf.	1023314
32	PSYCHOMETRICS/ or Psychometrics*.mp.	67438
33	30 or 31 or 32	5674256
34	29 and 33	2150
35	limit 34 to yr="2017 - 2018"	87

## Embase (120318)

Database(s): **Embase** 1974 to 2018 Week 11

Search Strategy:

#	Searches	Results
1	dementia assessment/ or presenile dementia/ or multiinfarct dementia/ or frontal variant frontotemporal dementia/ or frontotemporal dementia/ or semantic dementia/ or dementia/ or senile dementia/ or dementia.mp.	166863
2	dementia/ or dementia.mp.	166862
3	Alzheimer disease/ or alzheimer*.mp.	204542
4	lewy body.mp. or Lewy body/	13611
5	lewy bodies.mp.	8835
6	diffuse Lewy body disease/ or lewy body disease*.mp.	7555
7	mild cognitive impairment/ or MCI.mp.	35684
8	mild cognitive impairmen*.mp.	24949
9	cognitive defect/ or amnesia/ or memory disorder/ or memory disorder*.mp.	184456
10	cognitive disturbance*.mp.	2187
11	neurocognitive disorder*.mp.	2687
12	Dementia, Vascular/ or vascular dementia*.mp.	11057
13	frontotemporal dementia.mp. or Frontotemporal Dementia/	14222
14	Parkinson Disease/ or parkinson disease*.mp.	133457
15	or/1-14	552902
16	Neuropsychological Tests/ or neuropsychological test*.mp.	58797



17	memory for designs test*.mp.	44
18	"Sensitivity and Specificity"/	287292
19	neuropsychological diagnostic test*.mp.	3
20	neuropsychological diagnostic test*.ti,ab.	3
21	neuropsychologic test*.mp.	719
22	"Predictive Value of Tests"/ or predictive value*.mp. or "Sensitivity and Specificity"/	427586
23	diagnostic accuracy.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	234711
24	diagnostic accurac*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	234843
25	test accur*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	79686
26	overall performance*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	6550
27	16 or 17 or 19 or 21	59188
28	22 or 23 or 24 or 25 or 26	611433
29	15 and 27 and 28	2327
30	(assessment* or Psychometric* or diagnos* or identif*).ti,ab,kw.	6690645
31	(diagnostic accuracy or sensitivity or specificity or AUC or ROC or predictive value or diagnostic performance or diagnostic utility).ti,ab,kw,kf.	1307176
32	PSYCHOMETRICS/ or Psychometrics*.mp.	51007
33	psychiatric diagnosis/	17268
34	psychometry/	54907
36	30 or 31 or 32 or 33 or 34	7456257
37	29 and 36	2023
38	limit 37 to yr="2017 - 2018"	146

## Psycinfo

Database(s): **PsycINFO** 1806 to March Week 1 2018

Search Strategy:

#	Searches	Results
1	dementia assessment/ or presenile dementia/ or multiinfarct dementia/ or frontal variant frontotemporal dementia/ or frontotemporal dementia/ or semantic dementia/ or dementia/ or senile dementia/ or dementia.mp.	63666
2	dementia/ or dementia.mp.	63666
3	Alzheimer disease/ or alzheimer*.mp.	56440
4	lewy body.mp. or Lewy body/	2477
5	lewy bodies.mp.	2852
6	diffuse Lewy body disease/ or lewy body disease*.mp.	578
7	mild cognitive impairment/ or MCI.mp.	5744
8	mild cognitive impairmen*.mp.	8753
9	cognitive defect/ or amnesia/ or memory disorder/ or memory disorder*.mp.	9535
10	cognitive disturbance*.mp.	1022
11	neurocognitive disorder*.mp.	988
12	Dementia, Vascular/ or vascular dementia*.mp.	3644
13	frontotemporal dementia.mp. or Frontotemporal Dementia/	3847
14	Parkinson Disease/ or parkinson disease*.mp.	7740
15	or/1-14	109327
16	Neuropsychological Tests/ or neuropsychological test*.mp.	13906
17	memory for designs test*.mp.	148
18	"Sensitivity and Specificity"/	0
19	neuropsychological diagnostic test*.mp.	7
20	neuropsychological diagnostic test*.ti,ab.	5
21	neuropsychologic test*.mp.	175
22	"Predictive Value of Tests"/ or predictive value*.mp. or "Sensitivity and Specificity"/	7832
23	diagnostic accuracy.mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]	2307
24	diagnostic accurac*.mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]	2328



25	test accura*.mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]	275
26	overall performance*.mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]	2211
27	16 or 17 or 19 or 21	14205
28	22 or 23 or 24 or 25 or 26	12407
29	15 and 27 and 28	141
30	(assessment* or Psychometric* or diagnos* or identif*).ti,ab,kw.	972703
31	(diagnostic accuracy or sensitivity or specificity or AUC or ROC or predictive value or diagnostic performance or diagnostic utility).ti,ab,kw,kf.	112816
32	PSYCHOMETRICS/ or Psychometrics*.mp.	57515
33	exp PSYCHODIAGNOSIS/	22480
34	exp Psychological Assessment/	40247
35	30 or 31 or 32 or 33 or 34	1082283
36	29 and 35	138
37	limit 36 to yr="2017 - 2018"	13