

# 2007 Products Catalogue

*Lifesaving products for today's Good Samaritans*




**Laerdal**

*helping save lives*

## *Helping save lives*

Laerdal's commitment to helping save lives is based in a proud history since the beginning of modern medicine. For over 60 years we have continuously strived to develop needs-based products and solutions to meet your educational and clinical needs – deeply rooted in a strong dedication to improve patient survival.



*The peaceful-looking and yet mysterious death mask of the girl who drowned herself in the Seine: The inspiration for Anne's face.*

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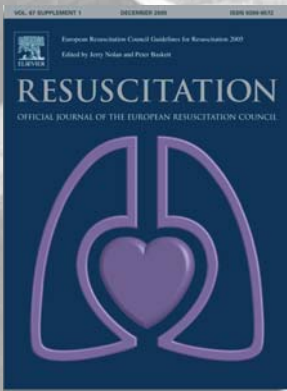
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# New Guidelines 2005

...with more focus on the Quality of CPR, Self Directed Learning and Simulation, for improved patient survival.



[www.erc.edu](http://www.erc.edu)

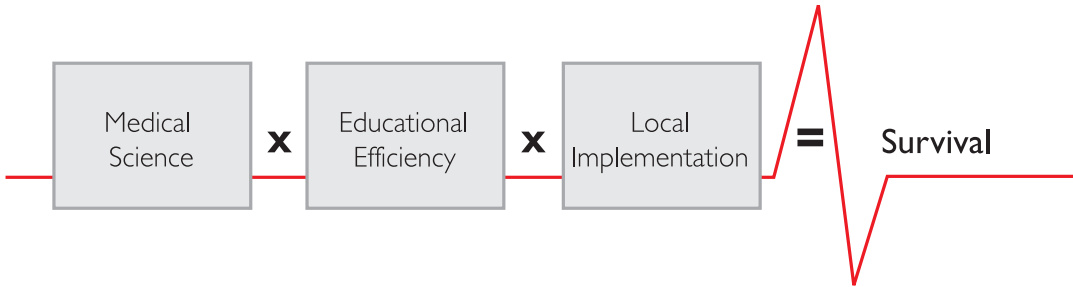


[www.americanheart.org](http://www.americanheart.org)

Åsmund S. Laerdal using Resusci Anne manikin as a simulated drowning victim in the early 1960ies.

# The Utstein Formula of Survival\*

We have a dedicated focus on creating and developing needs-based products to improve patient survival. We strongly believe that survival is driven by three important factors: Medical science, Educational efficiency and an efficient local Chain of Survival



For decades we have been committed to helping strengthen your local Chain of Survival for improved patient outcome. In parallel, we have been offering educational products responding to evolving needs in emergency medicine ever since the introduction of Resusci Anne in 1960. Today we know that patient safety and outcome are critically dependent on the competence of healthcare personnel.

That is why we believe that helping build competence by offering complete needs-based educational products and solutions is a critical part of our mission of helping save lives.

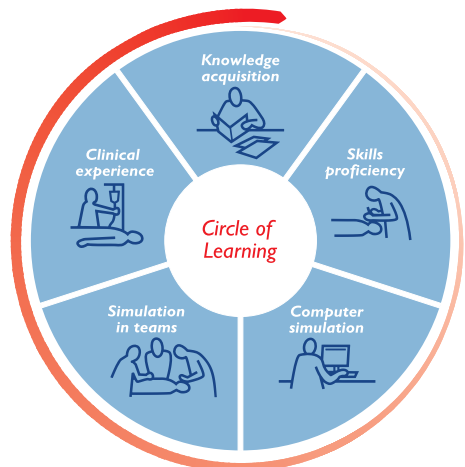
\*ILCOR Advisory Statement, Education in Resuscitation, D.A. Chamberlain, M.F. Hazinsky / Resuscitation 59 (2003) 11-43

## Circle of Learning

We are dedicated to delivering valuable educational products and solutions that will meet your needs regarding educational efficiency, economic value, and clinical accuracy.

The Circle of Learning is a framework that identifies five modes of learning and illustrates an ongoing process of achieving competence.

We believe that our full range of educational products and solutions will help build competence in an effective manner.



# Simulation by Laerdal



# Training Products

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# Resusci Anne Basic and SkillGuide

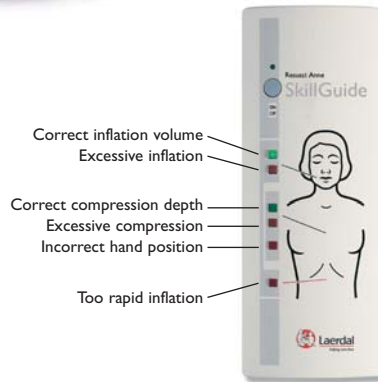
High quality adult CPR training

The Resusci Anne Basic and Resusci Anne SkillGuide manikins offer optimal realism and quality to adult CPR education. With its modular construction, and use of the optional SkillGuide performance indicator, students can quickly sharpen their skills in performing adult CPR at its highest quality. Add first aid or rescue limbs to integrate first aid, trauma, and extrication to the training.



Resusci Anne Full-Body comes standard with non-articulating arms and legs. First Aid Trauma Modules available, see page 24.

- 310005xx** Resusci Anne Torso Basic w/Hard Case
- 310006xx** Resusci Anne Torso Basic w/Soft Pack
- 310035xx** Resusci Anne Full-Body Basic w/Hard Case
- 310015xx** Resusci Anne Torso SkillGuide w/Hard Case
- 310016xx** Resusci Anne Torso SkillGuide w/Soft Pack
- 310045xx** Resusci Anne Full-Body SkillGuide w/Hard Case



### Resusci Anne CPR Manikin Includes:

Torso/Full-Body Manikin, 4 Decorated Resusci Manikin Faces, 3 Disposable Manikin Airways, Carrying Case or Soft Pack, Track Suit (Full-Body Models) or Jacket (Torso Models), Directions for Use and Virkon Rapid Pack. Models listed as "SkillGuide" include the SkillGuide unit.

xx = Country Code

### Consumables

310210 Face Skin (pkg. 6)



152250 Airways (pkg. 24)



151201 Manikin Face Shields (6 rolls of 36 each)



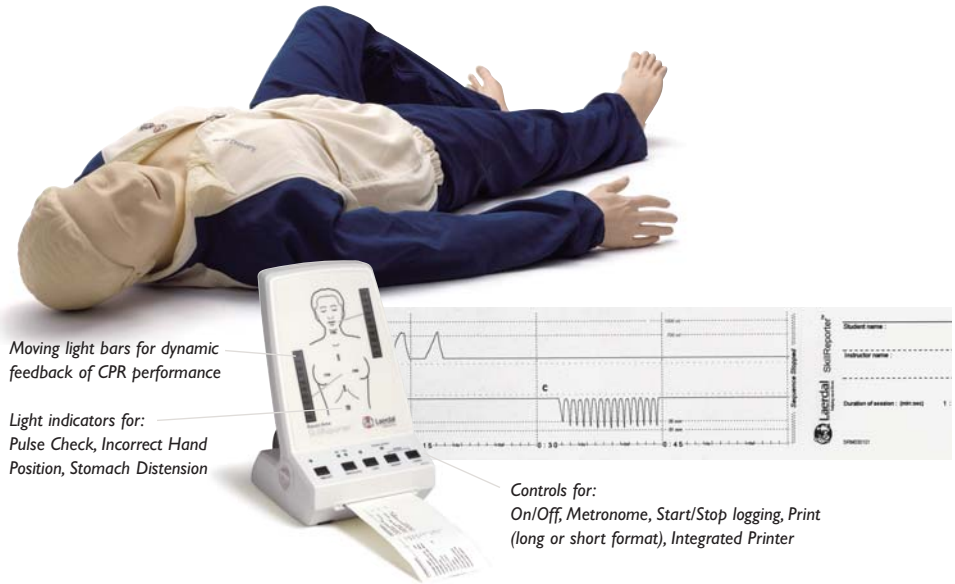
310220 Face Skin, decorated (pkg. 6)



# Resusci Anne SkillReporter

*Provides high level CPR training for professional rescuers where feedback and skill optimization is required*

The Resusci Anne SkillReporter is an adult CPR training manikin that focuses on student performance through printed reports on ventilation and compression compliance. In addition, first aid and extrication practice can be incorporated into the learning by adding the optional first aid and rescue limbs.



Moving light bars for dynamic feedback of CPR performance

Light indicators for:  
Pulse Check, Incorrect Hand Position, Stomach Distension

Controls for:  
On/Off, Metronome, Start/Stop logging, Print (long or short format), Integrated Printer

- 310025xx Resusci Anne Torso SkillReporter w/Hard Case
- 310026xx Resusci Anne Torso SkillReporter w/Hard Case w/o SkillReporter
- 310055xx Resusci Anne Full-Body SkillReporter w/Hard Case
- 310056xx Resusci Anne Full-Body SkillReporter w/Hard Case w/o SkillReporter

Laerdal PC SkillReporting System for innovative and convenient course administration see page 25.

### Resusci Anne CPR Manikin Includes:

Torso/Full-Body Manikin, 4 Decorated Resusci Manikin Faces, 3 Disposable Manikin Airways, Carry Case, Track Suit (Full-Body Models) or Jacket (Torso Models), SkillReporter unit with 1 roll of Printer Paper, Directions for Use and Virkon Rapid Pack.

xx = Language versions

Consumables			
310210 Face Skin (pkg. 6)		152250 Airways (pkg. 24)	
310220 Face Skin, decorated (pkg. 6)		151201 Manikin Face Shields (6 rolls of 36 each)	
			315050 Paper for SkillReporter (pkg. 5)

# Resusci Junior Basic and SkillGuide

*The high-quality child CPR and water rescue trainer*

The Resusci Junior manikin offers realistic, high-quality child CPR education. It has full-body construction and use of an optional SkillGuide performance indicator. Students can quickly sharpen their skills in performing child CPR to high standards.



- 180010xx** Resusci Junior
- 180011xx** Resusci Junior w/SkillGuide
- 180012xx** Resusci Junior w/Water Rescue

**Resusci Junior Manikin Includes:**

Pediatric Manikin, Hard Plastic Carry Case (except where noted), Training Mat, Track Suit, 4 Junior Faces, 4 Junior Airways, Virkon Rapid Pack and Directions for Use. Model listed as "SkillGuide" includes the SkillGuide unit. Model listed as Water Rescue includes the Water Rescue Update Kit accessory.

xx = Country Code

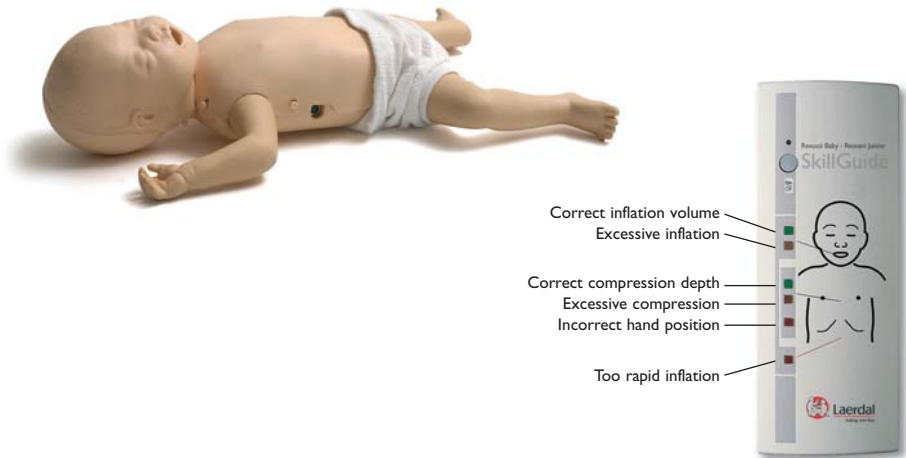
Water Rescue	
184010 Water Rescue Update Kit	

Consumables		
183010 Junior Faces (pkg. 6)		
183210 Airways, complete (pkg. 25)		
183211 Airways, complete (pkg. 100)		
151201 Manikin Face Shields (6 rolls of 36 each)		

# Resusci Baby Basic and SkillGuide

*High quality infant CPR trainer for optimizing student performance and skills*

The Resusci Baby manikin offers realism and quality to infant CPR education. Its full-body construction, and use of the optional SkillGuide performance indicator enable students to quickly sharpen their skills in performing infant CPR to high standards.



- I40010xx Resusci Baby
- I40011xx Resusci Baby w/SkillGuide

### Resusci Baby Manikin Includes:

Infant Manikin, Hard Plastic Carry Case, 3 Baby Faces, 6 Baby Airways, Virkon Rapid Pack, Pulse Bulb, Tubing, and Directions for Use. Model listed as "SkillGuide" includes the SkillGuide unit.

xx = Country Code

### Consumables

I43600  
Resusci Baby Faces  
(pkg. 6)



I43700 Resusci Baby Airways  
(pkg. 24)

I43701 Resusci Baby Airways  
(pkg. 96)



151201  
Manikin Face Shields  
(6 rolls of 36 each)



# Little Anne

The Little Anne manikin is a realistic, inexpensive, and lightweight adult CPR trainer with all the essential features for adult CPR learning

The Little Anne manikin has been developed to provide effective adult CPR training without compromising realism or quality. Its durable and convenient design makes hands-on practice affordable for every student.



020020xx Little Anne

020025xx Little Anne Dark Skin

### Little Anne Manikin Includes:

1 Manikin, Soft Pack/Training Mat, 2 Resusci Manikin Faces, 2 Little Anne Airways, Virkon Rapid Pack and Directions for Use.

xx = Country Code

### Consumables

310210 Face Skin  
(pkg. 6)



310215 Face Skin,  
Dark skin (pkg. 6)

020300  
Airways, complete  
(pkg. 24)



020301  
Airways, complete  
(pkg. 96)

151201  
Manikin Face Shields  
(6 rolls of 36 each)



# Little Junior

*The lower-cost alternative for effective and affordable child CPR training*

The Little Junior manikin meets your need for a low-cost, lifelike child CPR trainer and is the perfect supplement to the Resusci Junior manikin. Our package of four Little Junior manikins makes hands-on practice affordable for every student.



- 180020xx Little Junior
- 180025xx Little Junior Dark Skin
- 180022xx Little Junior 4-Pack
- 180027xx Little Junior 4-Pack Dark Skin


**Little Junior Manikin Includes:**

1 Manikin, Soft Pack/Training Mat, 2 Junior Faces, 2 Junior Airways, Virkon Rapid Pack and Directions for Use.

**Little Junior 4-Pack Manikin Includes:**

4 Manikins, 4-Pack Carry Case, 8 Junior Faces, 8 Junior Airways, 4 Virkon Rapid Packs and Directions for Use.

xx = Country Code

Consumables			
183010 Junior Faces (pkg. 6)			18 32 10 Airways, complete (pkg. 25)
183015 Junior Faces, dark skin (pkg. 6)			151201 Manikin Face Shields (6 rolls of 36 each)
			
			
		18 32 11 Airways, complete (pkg. 100)	

# Baby Anne

*This low-cost, lifelike infant CPR trainer is the perfect supplement to the Resusci Baby manikin*

The Baby Anne manikin was developed to provide effective infant CPR training without compromising realism or quality. The convenient packaging of four Baby Anne manikins makes hands-on practice affordable for every student.



- 050000 Baby Anne
- 050002 Baby Anne Dark Skin
- 050010 Baby Anne 4-Pack
- 050012 Baby Anne 4-Pack Dark Skin

**Baby Anne Manikin Includes:**

1 Manikin, Soft Pack, 6 Airways, 10 Foreign Body Practice Objects and Directions for Use.

**Baby Anne 4-Pack Manikin Includes:**

4 Manikins, 4-Pack Carry Case, 24 Airways, 40 Foreign Body Practice Objects and Directions for Use.



*Release of foreign-body obstruction can be practiced.*

**Consumables**

050200  
Baby Anne Faces  
(pkg. 6)



05 02 02  
Baby Anne Faces,  
dark skin (pkg. 6)

050100  
Airways (pkg. 24)



05 03 00  
Foreign Objects  
(pkg. 10)



151201  
Manikin Face Shields  
(6 rolls of 36 each)



# Resusci Anne CPR/D

*Quality CPR combined with the use of live defibrillators (manual or automatic) for maximum realism*

The Resusci Anne CPR-D is an adult CPR training manikin focusing on performance and skill in CPR and defibrillation actions during the scenario. The combination of the Micro-HeartSim and SkillReporter modules allows comprehensive instructor-to-student debriefing and documentation of key events. Additionally, first aid and extrication practice can be incorporated into the learning by adding the optional first aid and rescue limbs.



*Resusci Anne Full-Body comes standard with non-articulating arms and legs. First Aid Trauma Modules available. See page 24.*

*Laerdal PC SkillReporting System for innovative and convenient course administration see page 25.*

*(Defibrillator not included)*

**320025xx** Resusci Anne CPR-D Torso w/Hard Case and Training Mat

**320055xx** Resusci Anne CPR-D Full-Body w/Hard Case and Training Mat

**Resusci Anne CPR-D Manikin Includes:**

Manikin, 4 Decorated Resusci Manikin Faces, 3 Disposable Manikin Airways, Carrying Case, Track Suit (Full-Body Models) or Jacket (Torso Models), Directions for Use, SkillReporter unit with 1 roll of Printer Paper, Micro-HeartSim hand-held control unit and Training Electrodes.

**xx** = Language versions



*For more information on the SkillReporter unit see page 9.*

Consumables			
310210 Face Skin (pkg. 6)		152250 Airways (pkg. 24)	
310220 Face Skin, decorated (pkg. 6)		151201 Manikin Face Shields (6 rolls of 36 each)	
			315050 Paper for SkillReporter (pkg. 5)
			

# Resusci Anne Q-CPR/D training system

*Quality CPR combined with the use of HeartStart MRx (manual or automatic) for maximum realism*

Resusci Anne Q-CPR/D training system allows for training with the Q-CPR function on the HeartStart MRx defibrillator. The system allows for defibrillation, Q-CPR and airway management training.

The airway head is designed for controlled ventilations through use of endotracheal tube, laryngeal mask or bag-valve-mask ventilations.

The Q-CPR Training Module provides ECG to the defibrillator and accepts shocks. It also provides ventilation data to the HeartStart MRx.

ECG and shock response is controlled from the Micro-HeartSim.

With the use of the optional SkillReporter printer or the PC SkillReporter comprehensive debriefing documentation can be generated.



(Defibrillator not included)

Micro-HeartSim Module

For more information on the SkillReporter unit see page 9. (SkillReporter not included)

**199-10050** Q-CPR Training Module. *Must be bought separately.*

The Q-CPR Training Module can be connected to any Resusci Anne CPR/D training manikin and to the special Resusci Anne Q-CPR / D manikin.

The module connects directly to the HeartStart MRx defibrillator contact.

**199-00050** Resusci Anne CPR-D Torso with Airway Head.

**199-05050** Resusci Anne CPR-D Torso with Airway Head.

Includes MicroHeartSim ECG simulator:



## Consumables

25 20 90  
Airway  
Lubricant



31 5050  
Paper for  
SkillReporter  
(pkg. 5)





# AED Resusci Anne SkillGuide & SkillReporter

The CPR training manikin and AED trainer integrated together through Laerdal Link Technology

The AED Resusci Anne is an adult CPR manikin developed specifically to work in combination with the Laerdal AED Trainer 2 device using Laerdal Link Technology. Additionally, first aid and extrication practice can be incorporated into the learning by adding the optional first aid and rescue limbs.



Laerdal AED Trainer not included. See page 47

Laerdal PC SkillReporting System for innovative and convenient course administration see page 25.

- 320060xx AED Resusci Anne Torso SkillGuide
- 320070xx AED Resusci Anne Torso SkillReporter
- 320080xx AED Resusci Anne SkillGuide, Full-Body
- 320090xx AED Resusci Anne SkillReporter, Full-Body

### AED Resusci Anne Manikin Includes:

Manikin, 4 Decorated Resusci Manikin Faces, 3 Disposable Manikin Airways, Carry Case, Track Suit (Full-Body Models) or Jacket (Torso Models), Virkon Rapid Pack and Directions for Use.

Models listed as "SkillGuide" include the SkillGuide unit. Models listed as "Skill-Reporter" include SkillReporter unit with 1 roll of Printer Paper.

xx = Language versions



For more information on the SkillGuide unit see page 8. For more information on the SkillReporter unit see page 9.

### Consumables

310210  
Face Skin (pkg. 6)



152250 Airways  
(pkg. 24)



151201  
Manikin Face Shields  
(6 rolls of 36 each)



315050  
Paper for  
SkillReporter  
(pkg. 5)



310220  
Face Skin,  
decorated (pkg. 6)

# AED Little Anne Training System

*Affordable and realistic solutions for widespread CPR-D training*

The AED Little Anne Training System is a complete product offering that combines the affordable AED Little Anne manikin, Laerdal AED Trainer 2, and remote control into one affordable CPR-D training package. The unique design feature of the AED Trainer 2 is that it will not advance in the scenario until proper pad placement on the patient's chest is accomplished.



*For more information on the AED Trainer, see page 47.*

**020060xx** AED Little Anne Training System

**AED Little Anne Training System Includes:**

Laerdal AED Trainer 2 w/Soft Pack, Remote Control, AED Little Anne Manikin w/Softpack Training Mat, Accessories, Laerdal LINK Training Pads and Directions for Use.

**020050xx** AED Little Anne

**AED Little Anne Includes:**

Manikin, Soft Pack/Training Mat, Zippered Jacket, 2 Faces and 2 Airways, Virkon Rapid Pack and Directions for Use.

xx = Language versions

**Consumables**

310210 Face Skin (pkg. 6)



020300 Airways, complete (pkg. 24)



020301 Airways, complete (pkg. 96)

945090 Laerdal LINK Training Pads



# CPR/CPR-D Manikin Accessories

## Airways and Faces

### Resusci Anne Airways

152250 Airways (pkg. 24)

### Resusci Anne Faces

310210 Manikin Faces (pkg. 6)

310220 Manikin Faces,  
Decorated (pkg. 6)

### Resusci Junior & Little Junior

#### Airways & Faces

183010 Junior Faces (pkg. 6)

183015 Junior Faces/Dark Skin  
(pkg. 6)

183210 Junior Airways  
(pkg. 25)

183211 Junior Airways  
(pkg. 100)

### Resusci Baby Airways & Faces

143700 Resusci Baby Airways  
(pkg. 24)

143701 Resusci Baby Airways  
(pkg. 96)

143600 Resusci Baby Faces  
(pkg. 6)

### Little Anne Airways & Faces

020300 Little Anne Airways  
(pkg. 24)

020301 Little Anne Airways  
(pkg. 96)

310210 Manikin Faces  
(pkg. 6)

310215 Manikin Faces,  
Dark Skin (pkg. 6)

### Baby Anne Airways & Faces

050100 Airways (pkg. 24)

050200 Baby Anne Faces  
(pkg. 6)

050202 Baby Anne Faces,  
Dark Skin (pkg. 6)

## Foreign/Choking Objects

### Baby Anne

050300 Foreign Body Objects  
(pkg. 10)

## Carry Cases

### Resusci Anne

153500 Soft Pack/Training Mat  
(for Torso Models)

110100 Hard Case  
(for Full-Body)

042000 Hard Case (for Torso)

312009 Soft Pack for  
Arm/Leg Modules

### Resusci Junior

183800 Soft Pack

042000 Hard Case

### Little Junior

183820 Soft Pack/Training Mat

183830 Soft Pack/ 4-Pack

### Little Anne

020700 Soft Pack/Training Mat

020770 Soft Pack/4-Pack

### AED Little Anne Training System

025020 Jacket for  
AED Little Anne

025030 Soft Pack for AED  
Little Anne

945030 Soft Pack for  
AED Trainer 2

### Resusci Baby

144010 Hard Case Baby Anne

050600 Soft Pack

050610 Soft Pack/4-Pack

## Resusci Anne

### Output Devices

315000xx SkillReporter  
Complete  
(can only be used with  
Resusci Anne  
SkillReporter)

### Limb Modules

090050 Bleeding Control Leg

310300 Arms/Soft Legs  
w/Soft Pack

312000 Rescue Module  
w/Soft Pack

312025 IV Arm

312050 First Aid Trauma  
Module w/Soft Pack

## Training Supplies

183910 Training Mat

310350 Jacket & Trouser Set

310351 Jacket

310352 Trousers

315050 Paper for SkillReporter  
(5 rolls)

## Laerdal AED Trainer 2

945090 Laerdal LINK Training  
Pads for AED Resusci  
Anne and AED Little  
Anne

07-10900 FR/AED Trainer Adult  
Training Pads (1 set)

M3871A AED Trainer Pediatric  
Training Pads (1 set)  
(For use only with the  
Laerdal AED Trainer 2)

945030 Softpack

## Heartstart AED Trainer

M5073A Adult Training Pads  
Cartridge

M5074A Infant/Child Training  
Pads Cartridge

M5088A Internal Manikin  
Adapter

M5089A External Manikin  
Adapter (10 Sashes)

M5093A Adult Training  
Replacement Pads

M5094A Infant/Child Training  
Replacement Pads

M5087A HeartStart Trainer  
Carry Case

M5085-91900 Instructions  
for Use

## Miscellaneous

151201xx Manikin Face Shields  
(6 rolls of 36 each)

154230xx Virkon Rapid Pack  
(10 x 5g tablets and  
bottle)

154231xx Virkon tablets  
(10 x 5g)

010900 Laerdal Head Section  
Model



# Tuff Kelly

*The full-body manikin with realistic weight for extrication and rescue training*

The Tuff Kelly line of manikins is durable and robust and of realistic weight. They can be used for a wide variety of extrication-training scenarios. The optional BTLS Victim Injury Set allows Tuff Kelly to be used in trauma and first aid scenarios.

- 101-00001 Tuff Kelly 45 kg
- 101-05001 Tuff Kelly 70 kg
- 101-07501 Tuff Kelly 80 kg

**Tuff Kelly Includes:**

Manikin, Coveralls, Work Boots, Positioning Waist Belt with "D" rings, and Directions for Use.



# Extri Kelly

*The realistic and rugged extrication training manikin*

Extri Kelly is a durable, rugged, fully articulated training manikin ideal for extrication and rescue exercises. Extra weight can be added, allowing the instructor to replicate victims of various weights.

- 101-10001 Extri Kelly

**Extri Kelly Includes:**

Manikin and Directions for Use.



# Crash Kelly

*The manikin which combines training in extrication with airway management*

Crash Kelly is a durable, rugged training manikin with an intubation head for advanced airway management training and realistic articulation allowing the manikin to be placed in various settings for extrication or rescue. Crash Kelly is the ideal manikin for training in airway management, extrication and rescue exercises.



201-10001 Crash Kelly

**Crash Kelly Includes:**

Manikin, Manikin Lubricant, Assembly Tool Kit and Directions for Use.

# First Aid Training Manikin

*CPR and First Aid training in one rugged manikin*

First Aid Training Manikin is the perfect partner for training that focuses on the practice of first aid. This rugged manikin comes complete with a number of modules to re-create multiple first aid situations.

100-10001 First Aid Training Manikin

**First Aid Training Manikin Includes:**

Manikin, Jacket, Pants, Soft Carry Case, 3 CPR Mouthpieces, 100 Disposable Airways and Simulated Blood.



## Consumables

100-00450 Airways  
(100)

300-00750  
Simulated Blood



100-00150  
Mouthpieces (6)



# Ultimate Hurt

*The multi-function manikin for rescue, extrication, and trauma care*

The Ultimate Hurt is a superior trauma and extrication manikin with three interchangeable heads: standard and trauma intubation heads and Mr. Hurt Head. He comes with a wide range of trauma wound modules to enhance scenarios.



201-00001 Ultimate Hurt

**Ultimate Hurt Includes:**

Manikin, Heads (3), Wound Set, Manikin Lubricant, Jacket, Pants, Carry Case and Directions for Use.

**Consumables**

300-00650

Manikin Lubricant



## Trauma Module Set

Trauma Module Set may be added to adult manikins for realism in trauma life support and lifesaving first aid scenarios.

276-10001 Trauma Module Set

Fits:

100-10001 First Aid Training Manikin (see page 20)

101-10001 Extri Kelly (see page 19)

201-10001 Crash Kelly (see page 20)

201-00001 Ultimate Hurt (see page 21)



## BTLS Victim Injury Set

A set of wound lay-ons, blood splats, and simulated blood designed for use on manikins or humans to simulate injuries required in the BTLS Instructor's Manual.

275-00001 BTLS Victim Injury Set



## Trauma Make-Up

Set of materials compiled for moulaging realistic trauma, such as cyanosis and burns on both humans and manikins.

275-10001 Trauma Make-up



# Resusci Anne First Aid/Trauma Modules

*Combining realistic CPR training with first aid training modules*

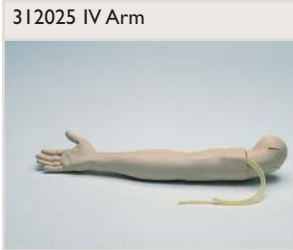
The practice of first aid and trauma skills has become an important and integral part of many CPR and CPR-D courses. Our wide range of First Aid and Trauma modules are designed specifically to support practice of the important skills of first aid and trauma management.



Simple arm and leg attachments allow you to build the manikin of your choice within seconds. No tools required.



- 312000 Rescue Module w/Soft Pack
- 090050 Bleeding Control Leg
- 312025 IV Arm
- 312050 First Aid/Trauma Module w/Soft Pack
- 312053 Leg Assembly Right w/Wounds
- 312052 Leg Assembly Left w/Wounds





# Laerdal PC SkillReporting System\*

*Innovative and convenient course administration*

The Laerdal PC SkillReporting System offers an approach to CPR or CPR-D training with Resusci Anne by integrating the benefits of a desktop or laptop PC to your training. The system includes an extensive student/course administration functionality. When accurate documentation of student performance is a requirement or you would like to run and control multiple manikins from one PC, then this is the perfect tool for you.

**317000** Laerdal PC SkillReporting System  
(includes: Program CD and Interface Cable)

\* One of the following Resusci Anne models are required:  
Resusci Anne SkillReporter, Resusci Anne Advanced SkillTrainer or  
Resusci Anne Simulator

**Now available in the following languages:**  
English, Norwegian, Swedish, Dutch, Japanese, French, Finnish,  
Italian, German, Korean, Spanish, Russian, Polish, Chinese.



With the Laerdal PC SkillReporting System you can operate multiple Resusci Anne SkillReporter manikins with one PC.

*Computer not included*

# Resusci Anne Airway Trainer Update Kit

The Resusci Anne Airway Trainer simulates complete anatomy of the vocal cords. This provides a useful addition to the basic Resusci Anne manikin to allow training in basic and intermediate airway techniques. The skin is highly elastic and durable and movement is realistic, enabling training simulations which are as close to reality as possible.

**316000** Resusci Anne Airway Trainer  
Update Kit - Basic

*Fits the following Resusci Anne Models:*

- Resusci Anne Basic: 310005, 310006, 310035
- Resusci Anne SkillGuide: 310015, 310016, 310045, 320060, 320080
- All discontinued Resusci Anne models that have disposable airways (except Resusci Anne Skillmeter).

**316200** Resusci Anne Airway Trainer  
Update Kit - SkillReporter

*Fits the following Resusci Anne Models:*

- Resusci Anne SkillReporter: 310025, 310055, 320070, 320090, 320025, 320055
- Resusci Anne SkillMeter: 300010

**Includes:**

Airway Head, Lung, Stomach, Resusci Anne Simulator Eye Set,  
1 can Airway Lubricant, Directions for Use



## Consumables

252090 Airway Lubricant



# Resusci Anne Advanced SkillTrainer

*Portable and convenient more advanced skills training*

The Resusci Anne Advanced SkillTrainer offers high quality, yet relatively low cost, advanced skills training. The combination of the remote control and PC SkillReporting software allows comprehensive instructor-to-student debriefing and documentation of key events. Additionally, first aid and extrication practice can be incorporated into the learning by adding the optional first aid and rescue limbs.



151-000xx Resusci Anne Advanced SkillTrainer

**Resusci Anne Advanced SkillTrainer Includes:**

Full-Body Manikin with Track Suit, Carry Case, IV Arm, Remote Control, 1 Bottle Simulated Blood, 1 Can Airway Lubricant and Directions for Use.

xx = language versions

**Consumables**

252090  
Airway Lubricant



300-00750  
Simulated Blood



325-00350  
Replacement Skin & Vein System  
– Female



# Laerdal ALS Baby

*The realistic skill trainer for practicing training in infant emergencies*

The Laerdal ALS baby is a portable skill trainer for realistic infant resuscitation training. Laerdal ALS Baby manikin is a three-month-old infant with an anatomy that offers exceptional realism for individual training. The Laerdal ALS baby offers the opportunity to practice advanced resuscitation skills, including airway management, professional rescuer CPR, vascular access, and 4 connectors, 3-lead ECG monitoring.



*ALS Baby is compatible with the HeartSim 4000 Rhythm Simulator. Must be purchased separately. Computer not included (call for further details)*



- 080031xx Laerdal ALS Baby 200 (Complete)
- 080030xx Laerdal ALS Baby (manikin only)
- 260010 HeartSim 200 Cardiac Rhythm Simulator



*HeartSim 200 Cardiac Rhythm Simulator can be purchased separately.*

**Laerdal ALS Baby 200 (Complete) Includes:**

ALS Baby Manikin, Molded Plastic Carry Case, 5 IO Leg Replacement Pads, Pulse Bulb, Lubricant Jelly, HeartSim 200 and Directions for Use.

**Laerdal ALS Baby Includes:**

ALS Baby Manikin, Molded Plastic Carry Case, 5 IO Leg Replacement Pads, Pulse Bulb, Lubricant Jelly and Directions for Use.

xx = Country Code

Consumables			
252090 Airway Lubricant		082305 Leg Replacement Pads (pkg. 5)	
		082020 Lungs/Stomach (pkg. 6)	

# VitalSim

*Vital signs for manikins and skills trainers*

The VitalSim Vital Signs Simulator is the heart of Laerdal's VitalSim product line. When connected to VitalSim-enabled manikins and skills trainers, VitalSim simulates ECGs, heart tones, fetal heart sounds, breath sounds, bowel sounds, blood pressure and pulses. VitalSim also allows instructors to run pre-programmed scenarios as well as write their own custom scenarios to meet their specific learning objectives. Data logging and download functions provide valuable information for use in performance assessment and debriefing.



**MegaCode Kelly**  
See page 32



**MegaCode Kid**  
See page 33



**ALS Simulator**  
See page 70



**Nursing Anne**  
See pages 34-35



**Nursing Baby**  
See page 38



**VitalSim Task Trainers**  
See page 48



**Nursing Kelly**  
See page 36



**Nursing Kid**  
See page 37



200-100xx VitalSim

**VitalSim Vital Signs Simulator Includes:**








Control Unit including Battery Case and Batteries (6), Remote Control including Batteries (4), Operating Device to Control Unit Cable, USB Cable for connection to PC, AC Adapter, Software CD, Carry Case, and Directions for Use.

xx = language versions



# VitalSim Manikins Configuration Chart

The VitalSim Configuration Chart is a guide to help you create the ideal training manikin. Simply select your Focus, Pre-Hospital or In-Hospital/Nursing; the Targeted Patient, adult, pediatric or infant; VitalSim Capabilities, complete, ECG only or none; and finally choose the Accessories that will complete your training objectives. Please contact your sales representative for further assistance.

For a full list of features see page number below heading	<b>MegaCode Kelly</b> <i>See page 32</i>	<b>MegaCode Kid</b> <i>See page 33</i>	<b>Nursing Anne</b> <i>See pages 34-35</i>
<b>VitalSim Capable</b> <i>All Features</i>	200-05050 - MegaCode Kelly VitalSim Advanced 	231-05050 - MegaCode Kid VitalSim Advanced 	325-05050 - Nursing Anne VitalSim 
<b>VitalSim Capable</b> <i>ECG Only - No Sounds</i>	203-05050 - MegaCode Kelly VitalSim Basic 	231-15050 - MegaCode Kid VitalSim Basic 	
<b>Non-VitalSim Capable</b> <i>Airway Head</i>		255-00050 - Airway Kid 	325-20050 - Nursing Anne 
<b>Accessories</b>	381500 Advanced Trauma Modules 276-10001 Trauma Modules 275-00001 BTLS Victim Injury Set 276-15001 NBC Module 381450 SimMan Nursing Wound Module 375-81001 Arterial Stick Arm 381655 Hard Case 276-16001 Smallpox Module 200-03650 Genitalia Kit, Male & Female	277-00001 Pediatric Trauma Modules 231-00101 IO Leg	325-00650 Mastectomy Module 325-00450 Fundus Skills Module 381655 Hard Case 276-15001 NBC Module 325-00550 Wound Care Assessment Set - Female 276-16001 Smallpox Module 325-00750 Breast Exam Module



276-15001 NBC Module  
See page 65



38 15 00 Trauma Module Set  
See page 65



325-00650 Mastectomy Module  
See page 35



325-00550 Wound Care Assessment Set  
See page 35

## VitalSim Capabilities



### Cardiac Related

- Synchronized variable rate rhythm, abnormalities, and duration
- Programmable waiting rhythms
- Programmable scenario-based algorithms for instructor control
- 3- or 4-lead ECG, pacing and defibrillation capabilities (25–360)

### Blood Pressure / Pulses

- Blood pressure arm for auscultation and palpation of blood pressure
- Korotkoff sounds synchronized with ECG
- Korotkoff sounds volume control in 10 steps, 0–9
- Systolic and diastolic pressure may be set individually in steps of 2 mmHg
- Systolic 0–300 mmHg, Diastolic 0–300 mmHg
- Auscultatory gap, on/off feature
- Calibrate function to adjust pressure sensor and cuff gauge
- Palpated pulse simulator controls bilateral carotid and brachial and radial pulses in the BP arm
  - Pulses only active when palpated
  - Pulses synchronized with programmable ECG
  - Pulse strengths dependent on BP

### Sounds

- Heart sounds synchronized with programmable ECG
- Lung sounds synchronized with breathing rate, 0 - 60 BPM
- Individual lung or bilateral sound selection
- Normal and abnormal bowel sounds
- Computer-generated sounds, mixed with voice input via amplified microphone (sold separately)

### Logging/Scenario Functions

- Up to ten scenarios can be uploaded into the VitalSim Control Unit
- Scenarios can be created or modified using the PC Editor
- VitalSim control unit can be connected to a PC via USB cable
- Download up to 25 logs for "after-action" review/debriefing

Nursing Kelly <i>See page 36</i>		Nursing Kid <i>See page 37</i>	Nursing Baby <i>See page 38</i>
300-05050 - Nursing Kelly VitalSim 	350-05050 - Nursing Kid VitalSim 	365-05050 - Nursing Baby VitalSim 	
300-20050 - Nursing Kelly 	350-10050 - Nursing Kid 	365-10050 - Nursing Baby 	
300-01050 Wound Care Assessment Set – Male 276-00001 Advanced Trauma Module 375-81001 Arterial Stick Arm 276-15001 NBC Module 275-00001 BTL5 Victim Injury Set 276-10001 Trauma Modules 276-16001 Smallpox Module 381655 Hard Case	231-00101 IO Leg		

# MegaCode Kelly

*The advanced life support skills manikin for quality education*

MegaCode Kelly is a realistic manikin for training in a wide range of advanced life saving skills in pre-hospital emergencies.



200-05050 MegaCode Kelly Advanced  
(VitalSim Capable )

*VitalSim Unit required for operation. Sold separately. See pages 28-29 for more information.*

203-05050 MegaCode Kelly Basic  
(VitalSim ECG Capabilities only)

**MegaCode Kelly VitalSim Advanced Includes:**

Manikin, 6 Neck Skins, 1 Roll of Cricothyroid Membrane Tape, Manikin Lubricant, Jacket, Pants, Carry Case, and Directions for Use.

**Accessories**



275-00250  
External Jugular  
Module

38 15 00  
MegaCode  
Trauma  
Module Set

**Consumables**

300-00650  
Manikin Lubricant



38 11 05  
Neck Skins (pkg. 6)



200-00250  
Cricothyroid  
Membrane Tape  
(1 Roll)



31 20 29  
Replacement Skin & Vein System Male





# MegaCode Kid

*The manikin for child advanced life support skills education*

MegaCode Kid is a realistic manikin for training in a wide range of pediatric advanced life saving skills in pre-hospital emergencies. MegaCode Kid has a realistic airway, 1400+ ECGs rhythms, defibrillation and pacing capabilities, and allows drug administration and intraosseous infusion to teach emergency skills.



VitalSim Unit required for operation. **Sold separately.** See pages 28-29 for more information.

231-05050 MegaCode Kid Advanced (VitalSim Capable)

231-15050 ECG Kid (VitalSim ECG Capabilities only)

**The MegaCode Kid VitalSim Includes:**

Full-Body Manikin, Multi-Venous IV Training Arm, Intraosseous Leg, Manikin Lubricant, Jacket, Pants, Carry Case, and Directions for Use.

**ECG Kid includes:**

Same as above, minus heart, breath, and bowel sounds.

**Accessories**



277-00001 Pediatric Trauma Modules

**Consumables**

300-00650 Manikin Lubricant



375-70150 Replacement Skin & Vein System



231-00101 Pediatric Intraosseous Leg



# Nursing Anne

*The manikin for the development of clinical skills of in-hospital professionals*

Nursing Anne is a manikin designed for scenario-based training for the care and management of a wide variety of in-hospital patients. Anne is an efficient, effective, flexible manikin for clinical training in women's health, obstetrics, post-partum, wound assessment and care, and general patient assessment and care.



325-05050 Nursing Anne (VitalSim Capable)

325-20050 Nursing Anne (Non-VitalSim Capable)

## Nursing Anne VitalSim Advanced Includes:

Adult, Full-Body Female Manikin, Hospital Gown, Manikin Lubricant, Assembly Tool Kit and Directions for Use.

VitalSim Unit required for operation. **Sold separately.** See pages 28-29 for more information.

## Breast Exam Module

The Breast Exam Module facilitates training in the recognition of breast abnormalities, sizes of nodules, and relative locations by simulating multiple abnormalities found during breast examinations.



325-00750 Breast Exam Module

## Mastectomy Module

The Mastectomy Module is used to practice post-surgical mastectomy care procedures.



325-00650 Mastectomy Module

## Fundus Skills and Assessment Module

The Fundus Skills and Assessment Module features the normal anatomy of the status-post or post-partum female abdomen designed for training fundus assessment and massage skills.



325-00450 Fundus Skills and Assessment Module

## Wound Care and Assessment Set

325-00550 Wound Care Assessment Set – Female



# Nursing Kelly

*The manikin for the training of skills for in-hospital professionals*

Nursing Kelly is a manikin designed for scenario-based training of the care and management of a wide variety of in-hospital patients. Training includes blood pressure measurement, sounds auscultation, wound care assessment and management. This full-body adult male manikin is perfect for beginning education for in-hospital healthcare professionals.



- 300-05050 Nursing Kelly (VitalSim Capable)
- 300-20050 Nursing Kelly (Non-VitalSim Capable)
- 301-00001 Patient Kelly (Solid Head with Drilled Openings)

*VitalSim Unit required for operation. **Sold separately.** See pages 28-29 for more information.*

## Nursing Kelly VitalSim Includes:

Adult, Full-Body Male Manikin, Hospital Gown, Manikin Lubricant, Assembly Tool Kit and Directions for Use.

### Accessories

300-01050 Wound Care Assessment Set – Male  
(not shown)

# Nursing Kid

*The clinical skills training manikin for in-hospital pediatric professionals*

Nursing Kid is a training manikin realistically representing a six-year-old child. He is designed for skills and scenario-based training of the care and management of a variety of pediatric in-hospital patients. Training includes sounds auscultation, IV cannulation, urinary catheterization, and general pediatric patient care. This child is ideal for clinical training in core pediatric in-hospital clinical skills.



*VitalSim Unit required for operation. Sold separately. See pages 28-29 for more information.*

- 350-05050 Nursing Kid (VitalSim Capable)
- 350-10050 Nursing Kid (Non-VitalSim Capable)

### Nursing Kid VitalSim Includes:

Full-Body Pediatric Manikin, Manikin Lubricant, Simulated Blood, Hospital Gown, Carry Case, and Directions for Use.

Consumables				
300-00650 Manikin Lubricant	375-70150 Replacement Skin & Vein System – Pediatric	231-00101 Pediatric Intraosseous Leg	350-00150 Valve/Clamp Set Anal (3), Urinary (3)	300-00750 Simulated Blood
				

# Nursing Baby

*The clinical skills training manikin for in-hospital infant professionals*

Nursing Baby is an infant manikin designed for scenario-based training of the care and management of a variety of infant in-hospital patients. Training includes sounds auscultation, IV and IO skills, fontanelle assessment, urinary catheterization and general pediatric patient care. This infant is unrivaled for clinical training in core pediatric in-hospital clinical skills.



VitalSim Unit required for operation. **Sold separately.** See pages 28-29 for more information.

365-05050 Nursing Baby (VitalSim Capable)

365-10050 Nursing Baby (Non-VitalSim Capable)

### Nursing Baby VitalSim Includes:

Full-Body, Infant Manikin, VitalSim, 3 Simulated Rectal Suppositories, Manikin Lubricant, Baby Pants, Simulated Blood, Carry Case, and Directions for Use.

### Consumables

365-00450  
Replacement Sleeve  
– IO Leg



365-00550  
Replacement  
Sleeve & Vein  
– IV Leg



365-00650  
Replacement Sleeve & Vein  
– IV Arm



300-00650  
Manikin  
Lubricant



365-00750  
Rectal  
Suppositories  
(pkg. 3) (Not Shown)

# Convalescent Kelly

*The cost-effective manikin for patient care and CPR training of nurse aids*

Convalescent Kelly combines the ability to teach CPR with features to facilitate basic care procedures in a cost-effective, full-body adult manikin. Realistic articulation permits many basic patient care practices including range of motion, bathing, and patient transfer technique. The anatomically accurate landmarks allow for realistic practice of CPR, identification of intramuscular sites, and urinary catheterization.



## 302-00001 Convalescent Kelly

### Convalescent Kelly Includes:

Adult Full-Body Male Manikin, Upper and Lower Dentures, 3 Reusable Mouthpieces, 100 Disposable Airways, Hospital Gown, Assembly Tool Kit, Male and Female Genitalia, and Directions for Use.

Patient Care Manikin Consumables				
<p>300-00450 Valve/Clamp Set – Anal (pkg. 3)</p>	<p>300-00550 Valve/Clamp Set – Urinary (pkg. 3)</p>	<p>380475 Pelvic Pin</p>	<p>300-00650 Manikin Lubricant</p>	<p>300-00750 Simulated Blood – Red</p>
<p>381402 Deltoid Injection Pad</p>	<p>300-00150 Thigh Injection Pad</p>	<p>300-00250 Ventrogluteal Injection Pad – Male</p>	<p>325-00150 Ventrogluteal Injection Pad – Female</p>	<p>300-00350 Gluteal Injection Pad – Male</p>
<p>325-00250 Gluteal Injection Pad – Female</p>	<p>325-00350 Replacement Skin &amp; Vein System – Female</p>		<p>312029 Replacement Skin &amp; Vein System – Male</p>	
Convalescent Kelly Only				
<p>100-00450 Disposable Airways (pkg. 100)</p>	<p>300-00950 Upper/Lower Denture Set</p>	<p>100-00150 Mouthpieces (pkg. 6)</p>		

# Neonatal Resuscitation Baby

*The manikin for use in Neonatal Resuscitation Programs*

The Neonatal Resuscitation Baby is a newborn infant manikin. It has a realistic airway, articulation, and umbilical catheterization to meet training needs in the Neonatal Resuscitation Program.

240-00001 Neonatal Resuscitation Baby

**Neonatal Resuscitation Baby Includes:**

Infant Manikin, 3 Replaceable Umbilical Cords, 1 Bottle Simulated Blood, Manikin Lubricant, Baby Pants and Directions for Use.



## Consumables

300-00650  
Manikin  
Lubricant



240-00150  
Umbilical Cord Set  
(pkg. 3)



240-00250  
Simulated  
Umbilical Blood



277-00150  
Baby Powder



# Nita Newborn

*Comprehensive vascular access training in a newborn manikin*

The Nita Newborn is a model of a 1,8 kg, 40 cm newborn female with realistic landmarks and articulation for vascular access procedures.

VT-800 Nita Newborn

**Nita Newborn Includes:**

Infant Manikin, Fluid Bag and Tubing, Simulated Blood, Diaper, and Carry Case.



## Consumables

VT-801 Skin and Vein Replacement Set  
VT-802 Umbilical Valve Replacement  
VT-803 Vein Replacement

VT-609 Large Simulated Blood Reservoir Bag  
VT-491 Simulated Blood 1qt.



# Laerdal Airway Management Trainer

*The skills trainer for adult airway management training*

Realistic practice is the key to developing proficiency in airway management skills. The Laerdal Airway Management Trainer's lifelike upper torso and head simulates real-world complications when practicing a variety of intubation, ventilation, and suction techniques.



250000xx Laerdal Airway Management Trainer

## Laerdal Airway Management Trainer Includes:

Manikin on Sturdy Board, Airway Demonstration Model, Cleaning Kit, Airway Lubricant, Carry Case, and Directions for Use.

xx = Country Code

## Consumables

25 20 90  
Airway Lubricant



25 28 00  
Concentrated Simulated Vomit



# Deluxe Difficult Airway Trainer

*Management of the obstructed airway*

The Deluxe Difficult Airway Trainer features a manually inflatable tongue to simulate obstructed airway and is designed for training the management of difficult airways.

261-10001 Deluxe Difficult Airway Trainer

**Deluxe Difficult Airway Trainer Includes:**

Airway Torso, 6 Neck Skin Collars,  
1 Roll Cricothyroid Membrane Tape,  
and Manikin Lubricant.



## Consumables

300-00650  
Manikin Lubricant



38 11 05  
Neck Skins  
(pkg. 6)



200-00250  
Cricothyroid  
Membrane Tape  
(1 roll)



# Pediatric Intubation Trainer

*PALS airway management skills trainer*

Anatomically accurate reproduction of a pediatric torso designed for teaching the differences in pediatric and adult anatomy for airway management procedures.

255-00001 Pediatric Intubation Trainer

**Pediatric Intubation Trainer Includes:**

Pediatric Intubation Trainer, Manikin Lubricant,  
Shorts, Carry Case and Directions for Use.



## Consumables

300-00650  
Manikin Lubricant



# Laerdal Infant Airway Management Trainer

*The most realistic tool for practicing the specialized skills required for infant airway management*

Realistic practice is the key to developing proficiency in airway management skills. The Laerdal Infant Airway Management Trainer provides the realistic anatomy of a three-month-old infant for teaching and practicing basic and advanced airway management skills.

250-00250 Laerdal Infant Airway Management Trainer

**Laerdal Infant Airway Management Trainer Includes:**

Infant Trainer; Airway Lubricant and Directions for Use.



## Consumables

252090 Airway Lubricant  
180 ml

250-21050 Airway Lubricant  
45 ml (not shown)



# Laerdal Neonatal Intubation Trainer

*Ideal for newborn intubation training*

Laerdal Neonatal Intubation Trainer allows teaching of intubation skills on the newborn baby. Robust and realistic, this model allows students to undertake training that is directly transferable to the clinical setting.

250-00101 Laerdal Neonatal Intubation Trainer

**Laerdal Neonatal Intubation Trainer Includes:**

Neonatal Trainer; Manikin Lubricant and Directions for Use.



## Consumables

300-00650  
Manikin Lubricant



# Cricoid Stick Trainer

*Simulating realistic needle and surgical cricothyrotomy*

Needle and surgical cricothyrotomy skills can be practiced on this model with interchangeable rigid and soft tracheas, that also articulates to a range of adult manikins.

261-01001 Cricoid Stick Trainer

**Cricoid Stick Trainer Includes:**

Head, Rigid Trachea with Simulated Lung, Soft Trachea with Simulated Lung, and Replaceable Neck Skin.



## Consumables

261-01150  
Replaceable  
Trachea – Rigid



261-01250  
Replaceable  
Trachea – Soft



261-01350  
Replacement Neck Skin



# Choking Charlie

*Designed specifically for training of the Heimlich Abdominal Thrust Maneuver*

The Choking Charlie manikin is an adult torso designed specifically for training students in the performance of the Heimlich Abdominal Thrust Maneuver. Realistic anatomy and response using simulated boluses provide instructors with an excellent tool for instructing and practicing this lifesaving technique.

102-00001 Choking Charlie

**Choking Charlie Manikin Includes:**

Torso, 4 Simulated Boluses, Talcum Powder, Tank Top, and Carry Case.



## Consumables

102-00150  
Simulated Boluses (4)

# Pneumothorax Trainer

The Pneumothorax Trainer, with bilateral tension pneumothoracies and decompression portals in each axilla and sub-clavian region, is specifically designed for training professionals in the practice of chest decompression.



260-05001 Pneumothorax Trainer

**Pneumothorax Trainer Includes:**

Torso Manikin, Bladder Replacement Kit, Manikin Lubricant, Tank Top, Carry Case, and Directions for Use.

**Consumables**

300-00650  
Manikin Lubricant



200-00150  
Bladder Replacement Kit



# Mr. Hurt Head Trauma Trainer

*Realistic cranial trauma management*

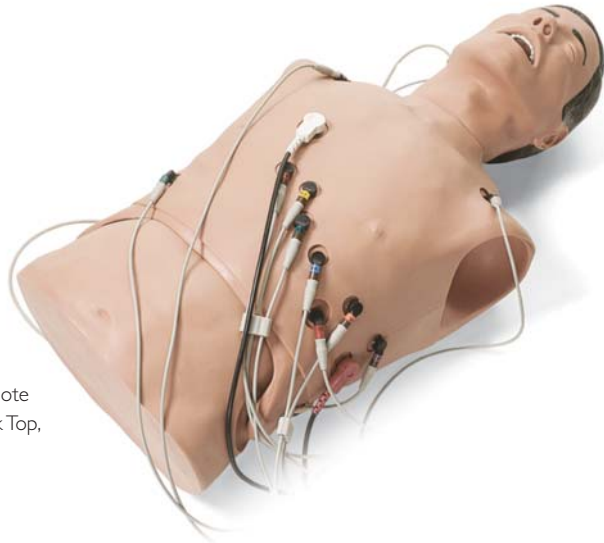
Cast from an actual victim of a highway accident, Mr. Hurt Head Trauma Trainer presents students with a variety of trauma conditions. This trainer comes mounted to a base, but can be easily transferred to adult manikins for use in full-body trauma scenarios.

261-02001 Mr. Hurt Head Trauma Trainer



# 12-Lead Task Trainer

Adult male upper torso with anatomically accurate landmarks designed for 12-lead training.



260-20001 12-Lead Task Trainer

### 12-Lead Task Trainer Includes:

Adult Manikin Torso with Electronics, Wired Remote Control, "C" Cell Batteries, Manikin Lubricant, Tank Top, Carry Case, and Directions for Use.

### Consumables

300-00650  
Manikin Lubricant



# Blood Pressure Training Arm

Lifelike adult arm with electronic trainer designed for training the procedure of NIBP measurement.



375-40501 Blood Pressure Training Arm

### The Blood Pressure Training Arm Includes:

Adult Arm, Blood Pressure Trainer, Cuff, 9-Volt Battery, Trainer Controller, and Carry Case.

# Laerdal AED Trainer 2

*Realistic and affordable AED trainer which simulates the HeartStart FR2 AED in appearance, operation, and voice prompts*

The Laerdal AED Trainer 2 offers an affordable alternative for educating the layperson and healthcare provider in the effective use of an automatic external defibrillator. This trainer was also developed to specifically simulate the HeartStart FR2 defibrillator in appearance and function.



940050xx Laerdal AED Trainer 2

**Laerdal AED Trainer 2 Includes:**

Trainer; Soft Pack, 6 Batteries, and Standard Adult Training Pads.

945050 Remote Control

945055 Programming Kit\*

\*Note:

The software alone is also available as a free Internet download. A standard RS-232 serial cable is required. Contact your Laerdal representative for details.

xx = Language versions

## Consumables

07-10900 Standard Adult Training Pads

M3871A Standard Pediatric Training Pads

94 50 90 Laerdal LINK Training Pads

# VitalSim Task Trainers

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## VitalSim Arrhythmia Trainer\*

200-20250 VitalSim Arrhythmia Trainer

**Arrhythmia Trainer Includes:**

Arrhythmia Box with Connection Cable and Soft Carry Case.



\* Must be used with VitalSim (sold separately). See pages 28-31.

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## VitalSim Sounds Trainer\*

200-20150 VitalSim Sounds Trainer

**Sounds Trainer Includes:**

Four Auscultation Speakers, a Connection Cable and Soft Carry Case.

\* Must be used with VitalSim (sold separately). See pages 28-31.



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## VitalSim Blood Pressure Trainer\*

375-42050 VitalSim Blood Pressure Trainer

**Blood Pressure Trainer Includes:**

Female Blood Pressure Arm with Connection Cable, Blood Pressure Cuff, and Soft Carry Case.



\* Must be used with VitalSim (sold separately). See pages 28-31.



# Male Multi-Venous IV Training Arm Kit

Lifelike arm reproduction with multi-vein system designed for peripheral intravenous therapy.

- 270-00001 Male Multi-Venous IV Training Arm Kit
- 38 07 00 Male Multi-Venous IV Training Arm



**Multi-Venous IV Training Arm Kits Include:**

Arm, Replacement Skin and Multi-Vein System, Simulated Blood, Blood Bag with Tubing and Connector; Clamp and Hook, 5 Syringes, Manikin Lubricant, Carry Case, and Directions for Use.

# Female Multi-Venous IV Training Arm Kit

Lifelike arm reproduction with multi-vein system designed for peripheral intravenous therapy.

- 375-50001 Female Multi-Venous IV Training Arm Kit
- 375-51001 Female Multi-Venous IV Training Arm



**Consumables**

300-00650  
Manikin  
Lubricant



300-00750  
Simulated  
Blood – Red



312029  
Replacement Skin & Vein System – Male



325-00350  
Replacement Skin & Vein  
System – Female



# Pediatric Multi-Venous IV Training Arm Kit

Lifelike arm reproduction with multi-vein system designed for peripheral intravenous therapy.

375-70001 Pediatric Multi-Venous IV Training Arm Kit

375-71001 Pediatric Multi-Venous IV Training Arm



**Multi-Venous IV Training Arm Kits Include:**

Arm, Replacement Skin and Multi-Vein System, Simulated Blood, Blood Bag with Tubing and Connector, Clamp and Hook, 5 Syringes, Manikin Lubricant, Carry Case, and Directions for Use.

# Arterial Arm Stick Kit

Lifelike adult male arm reproduction with infusible arteries designed for training the proper arterial puncture procedure for blood gas analysis.

375-80001 Arterial Stick Arm Kit

375-81001 Arterial Stick Arm



**Arterial Arm Stick Kit Includes:**

Adult Male Arm, Replacement Skin and Artery Set, 5 Syringes, Simulated Blood, Manikin Lubricant, Carry Case, and Directions for Use.

## Consumables

300-00650  
Manikin  
Lubricant



300-00750  
Simulated  
Blood – Red



375-70150  
Replacement Skin & Vein System  
– Pediatric



375-80150  
Replacement Skin & Arteries



# Laerdal IV Torso

*The most realistic tool for adult IV training*

The Laerdal IV Torso allows practicing of intravenous access techniques for both advanced cardiac life support and trauma, delivered by organizations around the world. The IV Torso has been specifically designed to meet the key educational goals of training programs.

090019 Laerdal IV Torso

**Laerdal IV Torso Includes:**

Carry Case, 1 bottle of Simulated blood,  
1 Set of IV Pads, and Directions for Use



Consumables			
092001	Neck Replacement Pad	092003 Femoral Replacement Pad	092103 Simulated Blood

# AT Kelly Torso

*Central venous access training with the added feature of chest decompression*

The AT Kelly Torso was designed for training central venous access and chest decompression with the added benefit of airway management features.

260-00001 AT Kelly Torso

**AT Kelly Torso Includes:**

Adult Torso, Bladder Replacement Kit,  
Manikin Lubricant, Tank Top, and Carry Case.



Consumables	
300-00650 Manikin Lubricant	200-00150 Bladder Replacement Kit



# Vascular Access

## Chester Chest

Lifelike model of human torso with detachable right arm designed for the insertion care, and removal of common long-term vascular access routes.

- VT-400P Chester Chest
- VT-50I Carrying Case for Chester Chest

### Chester Chest Includes:

Torso w/Neck and Chin, Detachable Right Arm, Blood Reservoir Bags, Tubing and Baby Powder.



## Peter PICC Line

Upper torso model with right arm designed for practicing insertion, care, and removal of Peripherally Inserted Central Catheter Lines.

- VT-600 Peter PICC Line

### Peter PICC Line Includes:

Lightweight Torso with Moveable Chin, Complete Vein Set, Fluid Bag, and Tubing, Supply Case, and Carry Case.



### Consumables

#### Chester Chest

- VT-405 Outer Tissue Flap Replacement
- VT-406 Generic Port – IVAD
- VT-407 Central Venous Catheter– CVC
- VT-408 PICC Line
- VT-420 Difficult Accessing Insert
- VT-430 Difficult Accessing Insert
- VT-440 Difficult Accessing Insert
- VT-609 Simulated Blood Reservoir Bag

#### Peter PICC Line

- VT-491 Simulated Blood – 1 qt
- VT-601 Arm Vein Tubing Set
- VT-602 Body Vein Tubing Set
- VT-603 Replacement Arm Skin
- VT-604 Replacement Body Skin

# Femoral Access Trainer

The Femoral Access Trainer is an adult lower torso reproduction with realistic anatomical landmarks and infusible venous and arterial systems designed for teaching femoral access procedures.

262-00001 Femoral Access Trainer

**The Femoral Access Trainer Includes:**

Lower Torso, 5 Syringes, 3 IV Bags with Hoses and Clamps, Blood Concentrate – 1 Blue - 1 Red, Manikin Lubricant, Carry Case and Directions for Use.



### Consumables

300-00650  
Manikin  
Lubricant



300-00750  
Simulated  
Blood – Red



262-00150  
Simulated  
Blood – Blue



262-00250  
Replacement  
Skin



262-00350  
Replacement  
Vein



262-00450  
Replacement  
Artery



# IM Hip Task Trainer

The IM Hip Task Trainer allows visualization of the relationship of bone to muscle while training the administration of medication via dorsogluteal injection.

375-34501 IM Hip Task Trainer

261-02150 Carry Case



# Respiratory and Wound Care Task Trainers

## NG Tube and Trach Care Trainer

Torso task trainer designed for instruction in the care of patients with respiratory conditions and the practice of gastrointestinal care procedures via nasal and oral access.

375-10001 NG Tube and Trach Care Trainer

NG Tube and Trach Care Trainer includes:

Adult Male Torso, Manikin Lubricant, Tank Top, Carry Case and Directions for Use.



### Consumables

300-00650  
Manikin Lubricant



300-00850  
Trach Plug



## Wound Care Model

Molded from a 74-year-old patient, this model allows training in wound cleansing, classification, staging, and assessment.

VT-900 Wound Care Model

VT-901 Carrying Case for Wound Care Model



# Catheterization and Enema Trainer

## Interchangeable Catheterization and Enema Task Trainer

Life-size female pelvis with interchangeable genitalia designed for practicing urologic and rectal access gastrointestinal care procedures.



**375-21001** Catheterization and Enema Trainer









**375-21350** Health Care In-service Wounds

**325-00450** Fundus Skills Module

### Catheterization and Enema Trainer Includes:

Adult Female Pelvis with Upper Thighs, Male and Female Genitalia,

6 Connectors and Carry Case.

Consumables		
<p>300-00150 Thigh Injection Pad</p> 	<p>300-00250 Ventrogluteal Injection Pad – Male</p> 	<p>325-00150 Ventrogluteal Injection Pad – Female</p> 
<p>300-00350 Gluteal Injection Pad – Male</p> 	<p>325-00250 Gluteal Injection Pad – Female</p> 	<p>300-00550 Valve/Clamp Set – Urinary (pkg. 3)</p> 
<p>300-00450 Valve/Clamp Set – Anal (pkg. 3)</p> 	<p>380475 Pelvic Pin</p> 	

# Fundus Skills and Assessment Trainer

The Fundus Skills and Assessment Trainer features the normal anatomy of the status-post or postpartum female abdomen designed for training fundus assessment and massage skills.



375-22501 Fundus Skills and Assessment Trainer

The Fundus Skills and Assessment Trainer includes:

Female Pelvis with Upper Thighs, Firm Fundus, "Boggy" Fundus, Simulated Blood, Peri Pads (5), and Baby Powder.

## Consumables

277-00150  
Baby Powder



300-00750  
Simulated  
Blood – Red



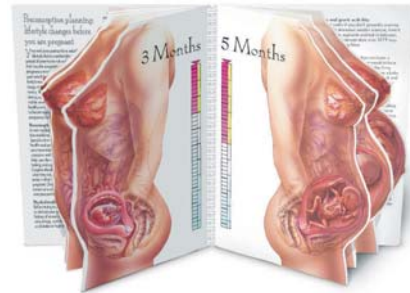


# Childbirth and Development

## Life in the Womb Prenatal Education Set

Easily review development from conception to six weeks post-partum with this set of products.

- 79747 Life in the Womb Prenatal Education Set
- 43319 With Child Life-Size Display (only)



With Child Life-Size Display

# Breast Exam Model

Realistic life-size model designed for teaching breast examination.

- WOB-2000 Breast Exam Model



# Baby Umbi

Female newborn infant reproduction designed for the practice of umbilical catheterization.



250-00501 Baby Umbi

**Baby Umbi includes:**

Baby Umbi Trainer; Umbilical and Directions for Use; SkillGuide unit.

## Consumables

240-00150 Unbilical Cord Set (3) Skin and Vein

240-00250 Simulated Umbilical Blood

# Neonatal Skills Trainers

## Baby Ivy

Simulated infant head with internally molded scalp veins designed for practicing neonatal peripheral venous access.

375-30001 Baby Ivy



## Baby Arti

Lifelike reproduction of an infant arm with bony structures allows students to master the technique of neonatal radial artery puncture.

375-32001 Baby Arti



# Neonatal Skills Trainers

## Baby Stap

Reproduction of a neonatal infant positioned for the practice of lumbar puncture techniques.

375-34001 Baby Stap



## Baby Hippy

Reproduction of the lower torso and limbs of a female newborn designed to train professionals in diagnosing both congenital hip dislocation and hip dislocatability.

375-35001 Baby Hippy



### Consumables

300-00750  
Simulated  
Blood – Red



375-34150  
Replacement Tubing  
(Baby Stap)



375-32150  
Replacement Skin & Artery (Baby Arti)



Simulation by Laerdal



# Patient simulators

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## Patient Simulators - Advanced

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## Patient Simulators - Basic

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Please visit our web-site for additional information regarding features, accessories and consumables.

[www.laerdal.com](http://www.laerdal.com)

# SimMan

*The advanced simulator for training in emergencies*

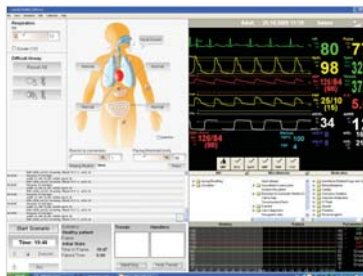
SimMan is a portable and advanced patient simulator for team training. SimMan has realistic anatomy and clinical functionality. SimMan provides simulation-based education to challenge and test students' clinical and decision-making skills during realistic patient care scenarios. SimMan includes well-proven software and an interactive technologically advanced manikin allowing learners to practice the emergency treatment of patients.



Realistic skill training feature designed for the practice of chest tube insertion.

SimMan software is easy to operate and allows you to build advanced scenarios, including Trends and Handlers, to meet your learning objectives.

The software communicates with the manikin and registers events during the simulation. The user interface is designed to make it easy to control, adjust and manage the scenarios.

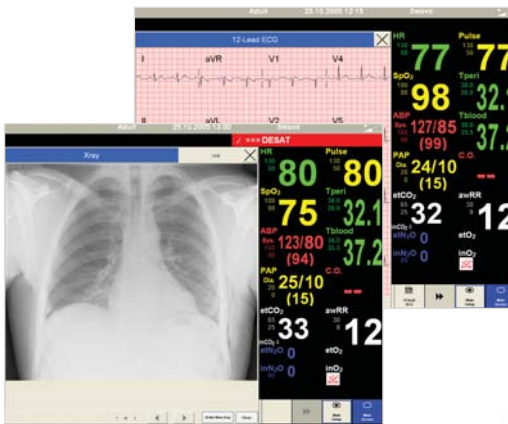


The software automatically generates a debriefing view combining eventlogs with synchronized recordings of the patient monitor and in-room video. Easy-to-use navigation tools and adjustable level of detail help the instructor to optimize the simulation as an educational tool.



**SimMan comes with a simulated patient monitor.**

The 17" color LCD screen provides 12-lead ECGs, SpO<sub>2</sub>, CO<sub>2</sub>, Hemodynamic pressures (ABP, CVP, PAP, PCWP, NIBP), Cardiac Output, and several other parameters. Touch-screen operation allows for setting of waveform parameters, alarm functions, and screen layouts. X-rays, snapshots of 12-lead ECG, and trends can also be shown on the patient monitor.



211-00050 SimMan main product

**SimMan Includes:** Manikin, BP cuff, SpO<sub>2</sub> probe, Air/CO<sub>2</sub> tube, Operating software, Directions for Use.

210-090xx Peripherals kit Complete

Includes: Simulated patient monitor; USB web-camera, USB hub, PDA as remote control, LinkBox and laptop.

210-091xx Peripherals kit Standard

Includes: Simulated patient monitor; USB web-camera, USB hub, PDA as remote control and LinkBox.

**Optional accessory:**

210-01050 Compressor 230-240 V

210-01150 Compressor 110V

381220 Regulator unit

\*xx = language version

**Consumables**

300-00750  
Simulated  
Blood



300-00650  
Manikin  
Lubricant



38 11 05  
Neck Skins  
(pkg. 6)



200-00250  
Cricothyroid  
Membrane  
Tape (1 Roll)



31 20 29  
Replacement Skin &  
Vein System – Male



# SimMan Optional Features



## Regulator Unit

A regulator unit will be needed if you choose to use an existing fixed air source for running the simulator. The regulator will connect to a wall air outlet or to standard compressed air and CO<sub>2</sub> containers available from local suppliers.

**381220** Regulator Unit



## Nursing Wound Module Set

Nursing wounds can be added to the simulator for realism in wound assessment and care scenarios.

- Chest surgical incision with skin staples (lay-on)
- Abdominal packing and irrigation wound (lay-on)
- Abdominal surgical incision lay-ons, one with nylon sutures and penrose drain and one with staples and penrose drain
- Infected colostomy stoma
- Lacerated hand
- Forearm Suture Module
- Gluteal and ventro-gluteal pressure ulcer modules
- High packing and irrigation wound
- High suture module
- High debridement module
- Below knee amputation
- Varicose vein leg with stasis ulcer
- Diabetic foot with gangrenous toes and heel decubitus ulcer

**381450** Nursing Wound Module Set

**211-20050** SimMan Nursing Wound Module Set (include pedal puls)



Canisters not included.

## Portability/Power Adapter Kit

Kit allows the simulator to be used indoors and outdoors during training scenarios.

### Kit includes:

Battery pack – supplies power to the link box and adapter kit, Regulator unit – for portable compressed air and CO<sub>2</sub> canisters, Carrying case – can be attached to any standard gurney

**381850** Portability/Power Adapter Kit

## Transportation Cases

Transportation cases are available.

Ask your representative for details.

**381655** Transportation case

**381602** Transportation case compressor

**245-18050** Transportation case simulator peripherals

## Simulated Smallpox Module Set



Laerdal Simulated Smallpox Module Set offers the ability to identify the effects of abnormal and normal skin reactions to smallpox inoculation. The set also includes a blank deltoid pad for the practice of inoculation.

**276-16001** Simulated Smallpox Module Set





### Trauma Modules

Interchangeable trauma modules are available for added realism in emergency trauma management.

- 1st-, 2nd-, and 3rd-degree burns – sleeve for right arm
- Exposed viscera – abdominal lay-on
- Impaled object – thigh
- Open fracture – femur
- Closed fracture – right leg tibia and fibula
- Contused ankle and foot – left leg
- Crushed foot – right foot with exposed bone and soft tissue
- Amputation – small toe of right foot
- Projectile wounds – small and large caliber entry and exit wounds

**38 15 00** Trauma Modules

**211-25050** SimMan Trauma Module Set (include pedal pulse)



### Bleeding Trauma Modules

This set was designed to teach the rapid identification and effective management of bleeding control, per ATLS guidelines or military procedure, to prevent loss of life.

**381550** Bleeding Trauma Modules

#### Bleeding Trauma Module Set Includes:

Appendages, Reservoirs with Tubing (4), Simulated Blood (4 bottles), and Carry Case.

The Forced Air Bleeding Control System adds the ability to simulate realistic bleeding and hemorrhage control scenarios to SimMan and other Laerdal training products.

**210-00150** Forced Air Bleeding Control System

#### Forced Air Bleeding Control System Includes:

Appendages, 1 Pressure Tank, 3 Hoses, 1 Two-way Manifold, 6 Quick Disconnect Couplers and 6 Pull Ties.

**210-00550** Forced Air Bleeding System Complete

#### Forced Air Bleeding System Complete Includes:

Bleeding Trauma Module Set and Forced Air Bleeding Control System.

### Simulated NBC Module

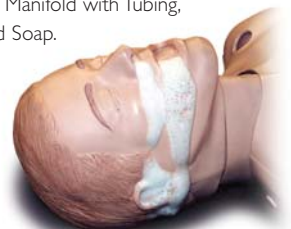
With the increased global awareness of potential nuclear, biological, and chemical attacks, it is becoming increasingly important for clinicians, first responders, military personnel and educators to be able to recognize, diagnose, and treat the symptoms of such an attack.

Laerdal Simulated NBC Module offers the ability to replicate the effects of toxic agents by producing realistic, frothy, bodily fluids that emanate from the tear ducts, mouth, and nose.

276-15001 Simulated NBC Module

Simulated NBC Module Includes:

Face Cover, OD Green Ruck Sack, Liquid Soap Fluid Tank, Clear Fluid Tank, Manifold with Tubing, and 4 oz Bottle Liquid Soap.



# SimBaby

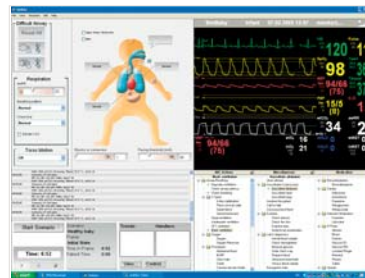
*The advanced simulator for training in infant emergencies*

SimBaby is the portable advanced infant patient simulator for team training. SimBaby has realistic anatomy and clinical functionality that enables simulation training. SimBaby includes software with video debriefing and an interactive technologically advanced manikin allowing learners to practice the emergency treatment of infant patients.

SimBaby has an anatomically realistic airway that allows accurate simulation of all relevant infant airway management and patient care situations. SimBaby can simulate a wide range of breathing patterns including variable rate and depth, and complications like subcostal retractions and see-saw breathing. Relevant circulation features, include palpable pulse on several locations, BP measurement, realistic IV and IO access.



SimBaby software is easy to operate and allows you to build advanced scenarios, including Trends and Handlers, to meet your learning objectives. The software communicates with the manikin and registers events during the simulation. The user interface is designed to make it easy to control, adjust and manage the scenarios.

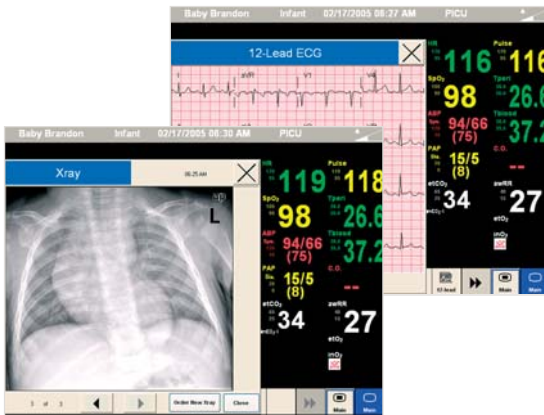


The software automatically generates a debriefing view combining event logs with synchronized recordings of the patient monitor and in-room video. Easy-to-use navigation tools and adjustable level of detail help the instructor to optimize the simulation as an educational tool.



**SimBaby comes with a simulated patient monitor.**

The 17" color LCD screen provides 12-lead ECGs, SpO<sub>2</sub>, CO<sub>2</sub>, Hemodynamic pressures (ABP, CVP, PAP, PCWP, NIBP), Cardiac Output, and several other parameters. Touch-screen operation allows for setting of waveform parameters, alarm functions, and screen layouts. X-rays, snapshots of 12-lead ECG, and trends can also be shown on the patient monitor.



**245-05050** SimBaby main product

**SimBaby Includes:** Manikin, BP Cuff, SpO<sub>2</sub> probe, Air/CO<sub>2</sub> tube, Set of consumables, Operating software, Directions for Use

**210-090xx** Peripherals kit Complete

Includes: Simulated patient monitor, USB web-camera, USB hub, PDA as remote control, LinkBox and laptop

**210-091xx** Peripherals kit Standard

Includes: Simulated patient monitor, USB web-camera, USB hub, PDA as remote control and LinkBox

Optional accessory:

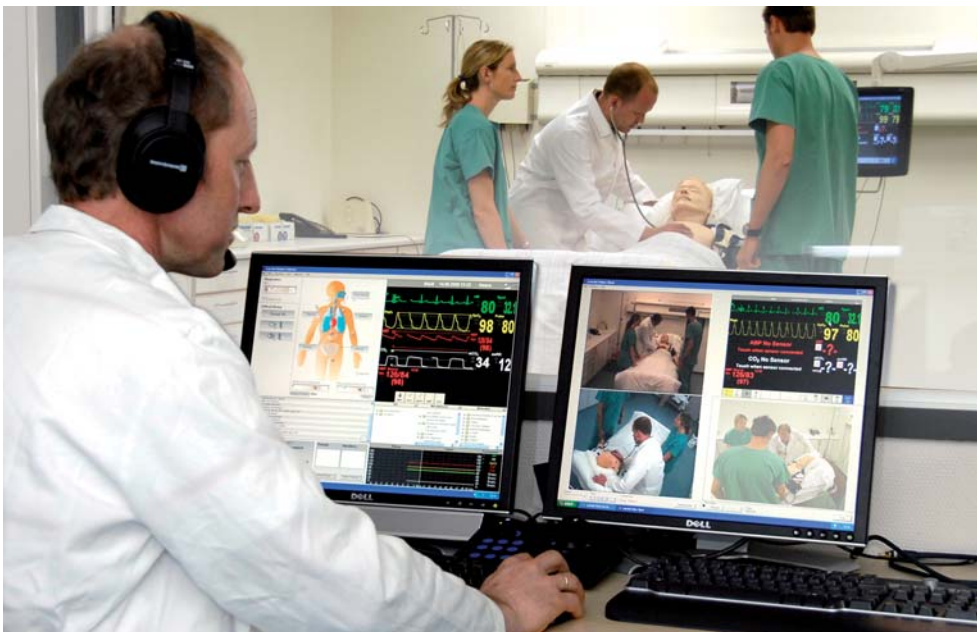
- 210-01150** Compressor 110V
- 210-01050** Compressor 230/240V
- 381220** Regulator unit
- 381850** Portability kit
- 245-18050** Transportation case simulator peripherals
- 381602** Transportation case compressor

\*xx = language version

Consumables			
245-12150 Skin and vein, IV Arm right		245-11150 Leg Lower IV/IO right (pkg. 3)	
		245-11650 Leg Lower IV/IO left (pkg. 3)	
		245-13050 Chest skin w/foam	
		245-13150 Pleura for chest (pkg. 10)	
		245-16850 Esophagus filter (pkg. 50)	
		245-13250 Pneumothorax bladder (pkg. 5)	
		250-21050 Airway lubricant 45ml	
		245-11350 IV Bag w/tubing (pkg. 1)	
		100019 Blood Concentrate, 100 ml	

# SimMan & SimBaby Advanced Video System

*Improving learning with high quality debriefing.*



Debriefing is a critical part of simulation based education, and this process can be enhanced with high quality video debriefing systems. To help educators, Laerdal introduces the Advanced Video System (AVS).

The AVS is a simple, effective debriefing system that enables SimMan and SimBaby users to easily capture simulation video, audio, data logs, and patient monitoring.

It automatically integrates data from up to four video cameras, a microphone, and patient monitoring with the event log from any of Laerdal's Advanced Patient Simulators, creating a debriefing file that is easy to review with students, manage, and share. The AVS can also be integrated into your simulation center's Local Area Network, allowing simulations to be viewed throughout your facility.

These features, combined with the Advanced Video System's simple operation and flexible user interface allow debriefing to become an easier and more effective part of your simulation based education.



## Advanced Video system will be launched globally 2007



### Features and Benefits

- Capture the dynamics of your simulation by embedding audio and video streams with the synchronized data log and patient monitor on a single debrief file. Debriefing with AVS will accurately replay scenarios and show what occurred, as opposed to student perceptions of what occurred.
- The AVS simplifies the delivery and presentation of scenario debriefing by providing instructors with a tool to review all student assessments, therapies, patient interactions, critical thinking skills, and communication skills. Students will benefit from observing the impact of their actions or inactions.
- The time indexed playback feature of the AVS helps facilitate debriefing. Instructors can quickly and easily move to specific segments within a scenario where learning objectives need to be addressed.
- Reinforce learning objectives during debriefing by displaying comments added to the log during the scenario. Additionally, instructors can annotate these comments, as needed, during the debriefing process.
- The AVS allows instructors to easily manage the delivery, storage, and distribution of debriefing files. The files can be stored to a local hard disk, network server, or exported to a variety of portable media. Students can take debriefing files home for further reflection. Simulations can also be viewed within your facility by integrating AVS with your network.
- The AVS easily connects to video cameras that your facility chooses. Contact your local Laerdal representative for details.

210-080xx Advanced Video System

210-08001 Advanced Video System (Only for US customers)

# ALS Simulator

*The simulator for advanced life support training programs*

The Advanced Life Support Simulator is a realistic interactive training manikin for simulating a wide range of advanced life saving skills in pre-hospital emergencies. The simulator responds to clinical intervention, instructor control, and comprehensive pre-programmed scenarios for effective practice of diagnosis and treatment of a patient. The Advanced Life Support Simulator is the fully functional pre-hospital simulator, with spontaneous breathing, airway control, voice, sounds, ECG, and many other clinical features.



205-05050 ALS Simulator

200-100xx VitalSim

xx = language versions



VitalSim Unit required for operation. **Sold separately.** See pages 28-29 for more information.

## ALS Simulator Optional Accessories



38 15 00 Trauma Modules  
See page 65



276-15001 Simulated NBC Module  
See page 65



38 15 50 Bleeding Trauma Modules  
See page 65

For more accessories see MegaCode Kelly on page 32.

### Consumables

300-00750  
Simulated  
Blood



300-00650  
Manikin  
Lubricant



38 11 05  
Neck Skins  
(pkg. 6)



200-00250  
Cricothyroid  
Membrane  
Tape (1 Roll)



31 20 29  
Replacement Skin &  
Vein System – Male



# Resusci Anne Simulator

*The simulator for critical life saving skills*

Resusci Anne Simulator provides the key simulation functionalities including a high-quality airway, spontaneous breathing, vital signs including ECG, IV, blood pressure and voice, lung, and heart sounds for basic simulation training.



150-000xx Resusci Anne Simulator

### Resusci Anne Simulator Includes:

Airway Head, BP Arm with Cuff, IV Arm, Extrication Legs, Remote Control, Educational Support Material, Software CD and USB Interface Cable, Air Pump, AC Power Cable, Full-Body Soft Case and Directions for Use.



xx = language versions

### ResusciAnne Simulator Optional Accessories

Leg Assembly with Wounds

381655 Transportation Case



For more accessories see Resusci Anne First Aid/Trauma Modules page 24.

### Consumables

300-00750  
Simulated  
Blood



25 20 90  
Airway  
Lubricant



325-00350  
Replacement Skin & Vein System  
– Female



# Self directed learning





# Educational Products

## Computer Skills Simulators

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## Micro Simulators

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For parts and accessories, or to order online, please visit

[www.laerdal.com](http://www.laerdal.com)

# Virtual I.V.

## *Educationally Efficient Self-Directed Learning of I.V. Procedures*

The Adult Virtual I.V. is a comprehensive and fully interactive self-directed learning system for training intravenous catheterization. Virtual I.V.'s self-directed instructional design guides learners through a complete course of study, progressively improving their skills and knowledge. Powerful 3D graphics provide visual realism while a state-of-the-art force feedback device accurately simulates the sense of touch for a truly immersive experience. Case scenarios, simulations, automated debriefing, and rich educational content enable students to master all aspects of peripheral venous catheterization.



280-00001 Haptics Device, Virtual I.V.

280-10101 Computer, Virtual I.V.

### **Virtual I.V. system requires:**

Haptics Device, Computer;

Choice of 1 Software Module (see below)

### **Software Modules:**

280-01101 Nurse Module Software

280-01201 Doctor Module Software

280-01301 EMT Module Software

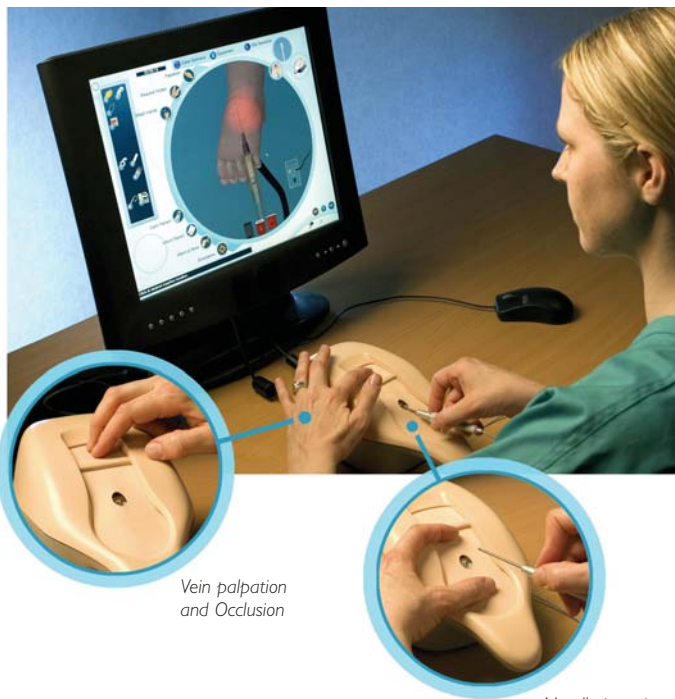
280-01401 Military Module Software

*Modules also available for individual purchase*

# Infant Virtual I.V.

## *Educationally Efficient Self-Directed Learning of I.V. Procedures in Infants*

The Infant Virtual I.V. is a comprehensive self-directed learning system for training peripheral venous cannulation in infants ranging from prematurity to 15 months. The simulator enables the novice student and advanced practitioner to independently master the uniquely challenging psychomotor and cognitive skills required to competently perform intravenous catheterization in infants. Infant Virtual I.V. presents a clinically accurate state-of-the-art simulation, enabling novices to learn and practice without risk to infant patients. Realistic 3D visual and haptic effects allow students to see and feel the patient they are treating, creating an immersive environment that optimizes the learning process.



280-10050 Haptics Device,  
Infant Virtual I.V.

280-00101 Computer; Virtual I.V.

*Vein palpation  
and Occlusion*

*Needle insertion  
and skin stretch*

### Infant Virtual I.V. system requires:

Haptics Device, Computer;

Choice of 1 Software Module (see below)

### Software Modules:

280-11201 In.hospital Module Software

280-11101 Pre.hospital Module Software

*Modules also available for individual purchase*

# MicroSim

*Patient scenarios that are based on specific learning objectives*

MicroSim is a computer-based self-directed learning system for emergency medicine. The software contains modules with patient scenarios based on specific learning objectives for training in medical knowledge, problem solving and decision making in Advanced Life Support (ALS) and CBRNE for Military. Developed in close cooperation with leading emergency medicine authorities, the system is designed to be used in initial and continued education.



## MicroSim Curriculum

*The solution for institutions looking to improve educational effectiveness*

*Please consult your Laerdal representative for exact pricing information and quantity discounts.*

**MicroSim is designed for use by all healthcare professionals:**

Prehospital	Inhospital	Military
		

2005  
Guidelines  
Compliant

- EMTs and Paramedics
- Emergency Physicians
- Fire and Public Safety Personnel

- Nurses
- Physician Assistants
- Physicians

- Combat Medics
- EMTs and Paramedics
- Emergency Physicians

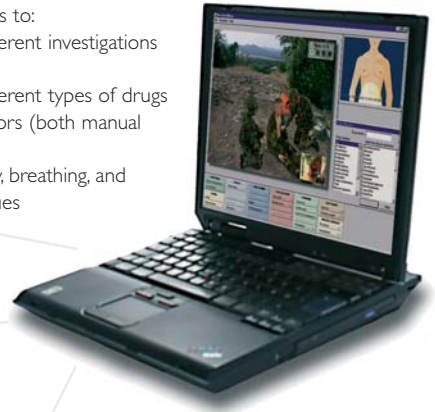
# MicroSim

## Easy-to-Use Powerful User Interface



Allows intuitive access to:

- More than 100 different investigations and treatments
- More than 100 different types of drugs
- Different defibrillators (both manual and AEDs)
- All common airway, breathing, and circulation techniques

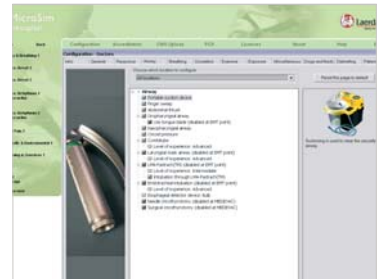


## Realistic Patient Scenarios



All the scenarios come with specific learning objectives in patient care and emergency medicine. The scenarios are grouped in modules of 5 patients each. For more information about available modules, please contact your local Laerdal representative.

## Highly Configurable System



Laerdal MicroSim is learner centered and can be extensively customized to fit the learner's training needs through the configuration screen. The course designer can customize the selection of investigations, interventions, and drugs available during simulation to reflect the professional level and experience of the learner.

## Automated Intelligent Debriefing



The debriefing after a simulation session facilitates the learner's monitoring of the learning process and stimulates engagement in developing decision-making skills. Through this, the learner is helped to understand what happened and how to improve performance.

# Quality CPR



# Therapy Products

## Defibrillation

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For parts and accessories, or to order online, please visit

[www.laerdal.com](http://www.laerdal.com)

# Guidelines Focus on Quality CPR

Q-CPR provides feedback during resuscitation of Sudden Cardiac Arrest patients, with the objective of guiding CPR performance within recommended Guidelines.



## Feedback improves CPR

The new 2005 Guidelines have highlighted that patient outcome can be significantly improved by better quality CPR. Furthermore, healthcare professionals do not perform CPR within the established guidelines a high percentage of the time.

As a result, the new Guidelines focus on quality CPR:

- 1 Quality compressions
- 2 Quality ventilations
- 3 Minimal interruptions

Q-CPR is a new technology developed by Laerdal, the result of collaboration with many leading CPR research centres over recent years. It enables real-time measurement and feedback of essential CPR parameters, as well as parameter logging for post-event debriefing or analysis.

Laerdal is proud to present and offer Q-CPR technology in collaboration with our partner Philips Medical Systems. Q-CPR in the HeartStart MRx Monitor/ Defibrillator is the first in a series of products that will be introduced using Q-CPR technology.

Q-CPR assists caregivers to provide optimal compressions and ventilations in training and therapy. Furthermore, Q-CPR facilitates quality assurance and continuous quality improvement in emergency services.

Q-CPR reflects our belief that delivering new lifesaving technologies is a critical part of our mission of helping save lives.



# The Quality CPR Circle

Life saving CPR is dependent on several coordinated factors, as illustrated in the Quality CPR circle.



Initial and maintenance training



Feedback during resuscitation

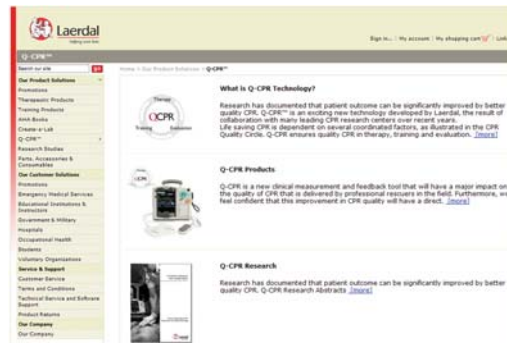


Post event debriefing and periodic system statistics

Q-CPR offers measurement and corrective feedback on:

- 1 Compression depth, rate and leaning
- 2 Ventilation frequency, time and volume
- 3 CPR interruptions

For further information on Q-CPR, please visit our website [www.laerdal.com](http://www.laerdal.com)



# HeartStart MRx with Q-CPR technology

*The right tool for EMS*

HeartStart MRx with Q-CPR provides professional emergency responders with a unique monitoring, feedback and defibrillation technology; thereby ensuring Resuscitation is performed in accordance with local quality guidelines. The self-explanatory interface allows for rapid evaluation and immediate rescuer intervention.

**Options:**

- Q-CPR – CPR monitoring and feedback technology
- Paddles (adult and paediatric combined)
- 12-lead ECG with interpretation
- Pacing
- SPO<sub>2</sub> - Pulse Oximetry
- NIBP - Non-Invasive Blood Pressure
- ETCO<sub>2</sub> - Capnography
- 75mm Printer
- Wireless data transmission of 12-lead
- Datamanagement solutions
- Temperature (available Q1/07)
- IBP - Invasive Blood pressure (available Q1/07)



M3536AABUA6B9COQ Full featured HeartStart MRx with Q-CPR



The HeartStart MRx is...

Feature packed and light weight

Superior monitoring parameters, proven therapies, rugged, reliable and ready for use at 6,3Kg

The best pre-hospital monitor/defibrillator

Large 8,4" colour TFT screen that can present all parameters simultaneously. Bright backlit display that is clearly visible from any angle even in difficult light conditions.

Built for both a sprint and a marathon

Charges to 150 Joule in approximately 3 seconds  
5 hours operation time, with all monitoring parameters running, on one battery. 10 hours operation time with two batteries installed.



## Evaluation Q-CPR technology

Introducing Q-CPR Review – for capturing, reporting, and managing cardiac arrest information

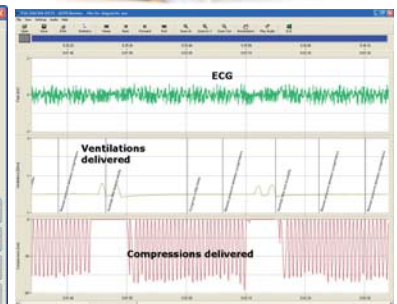
Evaluation of CPR performance during therapy and training is an important element in the effort of continuous quality improvement.

Q-CPR review is a data management tool for capturing, reporting and managing cardiac arrest information.

Q-CPR review has tools for collecting information, reviewing cases, generating statistics, and evaluating emergency performance.

Q-CPR Review imports ECG and CPR information, shock decisions, and recorded audio from HeartStart MRx defibrillator with the Q-CPR feature.

948100 Q-CPR Review



# HeartStart HSI First Aid Defibrillator

*Now everyone can help save a life*

Gives you the confidence in knowing that you can save a life even before help arrives. Designed for use by everyone, at any time, at any location.

*The HeartStart defibrillator is as easy to use as 1-2-3!*



M5067A HeartStart Defibrillator; HS I



**HeartStart HSI Includes:**

Defibrillator; User Guide, Battery Pack, Electrodes (1 pair)

The HeartStart HSI is...

**Fast to learn**

So simple to operate that a first aider with minimal training can potentially save the life of a co-worker, friend or member of the family or public.

**Easy to use**

Calming natural voice instructions coach the first aider through the steps of first aid defibrillation and CPR.

**Always ready**

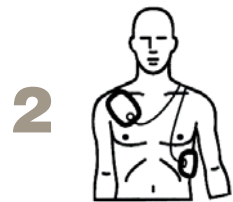
Comprehensive automatic self-tests check all the HeartStart's vital functions on a daily, weekly and monthly schedule, so as to ensure that HeartStart is always ready for emergency life saving.

**Voice coaching**

Helps the user take control with easy-to-follow instructions with a clear and confident voice.



Pull handle



Apply pads



Shock



# HeartStart FRx

*For those who get there first*

The HeartStart FRx is designed to be easy to use, rugged and reliable for those who get there first. It incorporates a number of features to make sure it is ready when needed with a minimum of required maintenance.



### Infant/Child Key

Reduces energy dose and adapt  
CPR prompts to the youngest patients.



### Preconnected Smart II Pads

One size for all patients, adults and children.

Pads included in selftest.



CPR coaching available  
at the push of a button "i".

861305 HeartStart FRx  
Semi Automatic External Defibrillator

### HeartStart FRx Includes:

Defibrillator; User Guide, Battery Pack, Electrodes (1 pair)



**The HeartStart FRx is...**

**Fast to learn**

So simple to operate that a first aider with minimal training can potentially save the life of a co-worker, friend or member of the family or public.

**Easy to use**

Calming natural voice instructions coach the first aider through the steps of first aid defibrillation and CPR.

**Always ready**

Comprehensive automatic self-tests check all the HeartStart's vital functions on a daily, weekly and monthly schedule, so as to ensure that HeartStart is always ready for emergency life saving.

**Voice coaching**

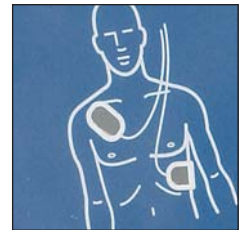
Helps the user take control with easy-to-follow instructions with a clear and confident voice.

**1**



Turn ON

**2**



Apply pads

**3**



Shock



**Wireless Data Transfer and Configuration**

*Use a PalmOne to download data and configure*

# HeartStart FR2+ Automated External Defibrillator

*The smart and small AED*

HeartStart FR2+ provides emergency first responders with an effective means to treat victims in Sudden Cardiac Arrest (SCA). This lightweight, rugged and easy-to-use Automated External Defibrillator (AED) allows first responders to deliver lifesaving therapy as soon as they arrive on the scene. Its patented SMART Biphasic waveform is the most patient-friendly technology available today.



**M3841A** HeartStart FR2+ Semi-Automatic External Defibrillator w/o ECG display on screen

**M3840A** HeartStart FR2+ Semi-Automatic External Defibrillator w/ECG display and manual override capability

**HeartStart FR2+ Includes:**

Defibrillator; User Guide, Battery Pack, Electrodes (2 pair)



## The HeartStart FR2+ is...

### Small and Light

The FR2+ weighs in at only 2.1 kg, and measures only 218 x 218 x 66 mm, so it is easy both to transport and store.

### Easy to use

Instant response is critical. Both audible and visual prompts guide the user through the simple steps required.

### Smart

Utilises clinically proven SMART Biphasic technology. Combined with SMART analysis system, the FR2+ provides safe and effective therapy for the individual patient.



*Waterproof hard case*

### Standard Long life battery

Minimum 300 shocks when new. Shelf life before installation and standby life after installation typically 5 years each.

**Backlit display** Improves the quality of ECG and text prompts in conditions of direct sunlight and darkness.

**Manual override** (Model M3840A only) can be set on or off.

### M3870A Paediatric defibrillation pads

Extending the early defibrillation standard of care to our children. For the first time an AED can be used on all patients from new-borns to senior citizens.



**M3874A** With the ECG Assessment module responders can use the FR2+ for ECG monitoring with standard inexpensive monitoring electrodes (FR2+ only).



**M3848A** For responders that frequently use the FR2+ for defibrillation, monitoring or live training switching from single use batteries to the rechargeable battery option will lower operation costs. This Lithium Ion battery typically holds capacity of 100 shocks or 3.5 hours of monitoring time.



# HeartStart Accessories

<b>HeartStart HSI</b>					
M5071A	Adult SMART Pads (1 pair)	M3863A	Battery pack for FR2+	<b>PADS</b>	
M5072A	Infant/Child SMART Pads (1 pair)	M3854A	Data Card & Tray	M3713A	Adult HeartStart Pads 10 sets
M5073A	Adult Training Pads (1 pair)	M3853A	Data Card Tray Only	M3716A	Adult Multifunction Radiolucent Pads Paediatric Multifunction Pads, 5 sets
M5074A	Infant/Child Training Pads (1 pair)	94 15 00	Data Card Adapter	M3717A	Paediatric Radiolucent Pads, 5 sets
M5070A	Battery for HeartStart HSI	M3864A	Training & Administrative Pack	M3719A	Paediatric Radiolucent reduced skin irritation Pads, 5 sets
	Lithium manganese dioxide battery, 9VDC 4,2 Ah	M3855A	Charger for Training & Admin. Pack	05-10200	Adapter from HP Barrel to Philips plug type connector
<i>Capacity</i>	When new minimum 200 shocks or 3 hours of operating time	07-10900	Training Pads	M3538A	MRx Battery rechargeable Li-Ion 14,8V
<i>Shelf life</i>	A minimum of 5 years (prior to insertion)	M3840-89100	HeartStart FR2+ Training Programme, NTSC	40457C	Printer paper 10 rolls
<i>Stand by life</i>	Typical 4 years (after insertion)	M3840-89101	HeartStart FR2+ Training Programme, PAL	40457D	Printer paper 80 rolls
<i>Training life</i>	A minimum of 10 hours of use in training mode	94 13 10	Carry Case (Semi-rigid)	989803138171	75mm print paper 10 pack
94 13 40	Carry Case HSI standard	94 13 11	Carry Case (Hard, Pelican)	989803138181	75mm print paper 80 pack
94 13 41	Carry Case HSI Slim type	05-10000	Quick Combo to Heartstart FR Electrode Adapter	M3541A	MRX carry case
94 13 43	Heartstart Wall Box w/alarm	05-10100	Zoll to FR Electrode Adapter	<b>BP Cuffs</b>	
		M3870A	Paediatric Pads FR2+, 1 pair	M1572A	Reusable NIBP Cuff/Pediatric
		M3871A	Training Pads FR2+ Paediatric, 1 pair	M1573A	Reusable NIBP Cuff/Small adult
		M3713A	Adult HeartStart Pads 10 sets	M1574A	Reusable NIBP Cuff/Adult
		94 13 08	Softpack, FR2+ Army Green	M1575A	Reusable NIBP Cuff/Large adult
		94 13 09	Softpack, FR2+	M1598B	BP Tubing 1,5M
		94 13 14	Bracket without lock	SPO <sub>2</sub>	
		94 13 15	Bracket with lock	M1191A	Adult reusable SpO <sub>2</sub> sensor
		94 14 01	Imagemate Compactflash Ext. Card Reader	M1192A	Pediatric / Small Adult reusable SpO <sub>2</sub> Sensor
		94 14 03	Compact Flash Memory SDCFB-16	M1193A	Neonatal Hand/Foot Sensor
		94 14 04	Compact Flash Card Reader USB	M1194A	Reusable ear clip sensor
		94 15 00	Data Card Adapter Compact Flash to PCMCIA	<b>ETCO<sub>2</sub></b>	
		94 50 04	Cable FR2 to Manikin	M2520A	Dual Purpose (CO <sub>2</sub> + O <sub>2</sub> ) - Smart CapnoLine - Pediatric
		94 50 02	Cable FR2 - RST Simulator	M2521A	Dual Purpose (CO <sub>2</sub> + O <sub>2</sub> ) - Smart CapnoLine - Intermediate
		M3834A	HeartStart Event Review 3.0	M2522A	Dual Purpose (CO <sub>2</sub> + O <sub>2</sub> ) - Smart CapnoLine - Adult
				M2524A	Single Purpose (CO <sub>2</sub> ) - CapnoLine - Pediatric
				Smart	Single Purpose (CO <sub>2</sub> ) - Smart CapnoLine - Adult
				M2526A	
<b>HeartStart FRx</b>					
989803139261	SMART Pads II (1 pair)			<b>Q-CPR</b>	
M5070A	Battery			M4761A	Q-CPR Compression Sensor replacement part.
941360	Carry Case FRx Laerdal			M4762A	Q-CPR Compression Sensor Adhesive Pads, 10 pack.
989803139271	Training Pads II (1 pair)				
989803139291	Replacement Training Pads II (1-pair)				
989803139281	Infant/Child Pad Placement Guide				
989803139311	Infant/Child Key, FRx Defibrillator				
989803143051	Case Capture palmOne data download program				
989803143041	HS Configure palmOne configuration program				
<b>HeartStart FR2+</b>					
DP2	Defibrillation Pads (2 pairs)				
DP6	Defibrillation Pads (6 pairs)				
		94 80 01	Vehicle wall Mount		
		94 80 02	DC Power Supply		
		94 80 06	Cadex 2-bay charger		
		94 80 07	Cadex 4-bay charger		
		989803146981	Datacard 256MB		
		90 58 00	Symbio CS1201 Rhythm Simulator		

# HeartStart Trainer

*Partner to the realistic HeartStart HSI*

The HeartStart Trainer simulates how the HeartStart HSI will operate during a real-life sudden cardiac arrest event. Clear confident voice instructions provide easy to follow directions. The HeartStart Trainer provides a variety of simulations, or training scenarios (8), to help responders acquire and demonstrate the basic skills necessary to use the HeartStart HSI in an emergency.

**M5086A** Heartstart Trainer

**HeartStart Trainer includes one each of the following:**  
Heartstart Trainer; Adult Training Pads Cartridge,  
External Manikin Adapter Strip, Carry Case.



## Consumables

M5073A	Adult training pads cartridge	M5093A	Replacement adult training pads	M5089A	External manikin adapters 5 pack
M5074A	Infant/child training pads cartridge	M5094A	Replacement infant/child training pads	M3088	Internal Manikin Adapter
				942500	Carry Case

# HeartStart FRx Trainer

*Partner to the realistic HeartStart FRx*

The HeartStart FRx Trainer simulates how the HeartStart FRx will operate during a real-life sudden cardiac arrest event. Clear confident voice instructions provide easy to follow directions. The HeartStart Trainer provides a variety of simulations, or training scenarios (8), to help responders acquire and demonstrate the basic skills necessary to use the HeartStart HSI in an emergency.

**861307** Heartstart FRx Trainer

**HeartStart FRx Trainer Includes one each of following:**  
Heartstart Trainer FRx Trainer; Reusable HeartStart Training Pads II,  
Heartstart FRx Trainer Carry Case, External Manikin Adapter Strip.



## Consumables

989803139271	Heartstart Training Pads II (containing one set of Training Pads II in training pads case)	989803139291	Replacement Training Pads II (pair of training pads on disposable liner for use in training pads case)	M5089A	External Manikin Adapter, 5 pack
		989803139311	Infant/Child Key	M5088A	Internal Manikin Adapter
				942510	Carry Case

# Laerdal AED Trainer 2

Please see page 47 for more information.

# Laerdal Pocket Mask

*The Laerdal Pocket Mask is the most widely used CPR mask in the world*

Its one-way valve and hydrophobic filter give effective ventilations and outstanding user protection. Others may look like the Laerdal Pocket Mask, but there's only one original!

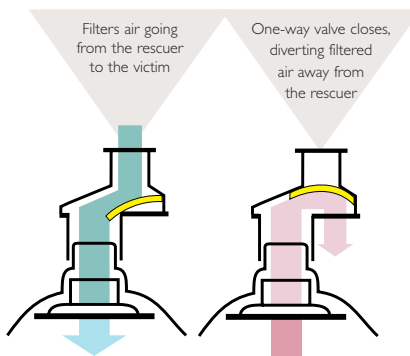


## Standard Versions

- 820011 Laerdal Pocket Mask w/Gloves & Wipe in Yellow Hard Case (each)
- 820040 Laerdal Pocket Mask w/Gloves & Wipe in Blue Soft Pack (each)
- 820041 Laerdal Pocket Mask w/Gloves & Wipe in Black Soft Pack (each)
- 820019 Laerdal Pocket Mask w/o Gloves & Wipe in Yellow Hard Case (each)
- 820006 Laerdal Pocket Mask in Re-sealable Poly Bag (each)
- 829951 Laerdal Pocket Mask w/Gloves & Wipe in Olive Green Hard Case (each)

## Oxygen Versions

- 830011 Laerdal Pocket Mask w/Oxygen Inlet & Head Strap w/Gloves & Wipe in Yellow Hard Case (each)
- 830040 Laerdal Pocket Mask w/Oxygen Inlet & Head Strap w/Gloves & Wipe in Blue Soft Pack (each)
- 830041 Laerdal Pocket Mask w/Oxygen Inlet & Head Strap w/Gloves & Wipe in Black Soft Pack (each)
- 830016 Laerdal Pocket Mask w/Oxygen Inlet & Head Strap in Re-sealable Poly Bag (each)



*Both the One-Way Valve and the Disposable Filter can be used with all previous versions of Laerdal Pocket Mask devices.*

## Consumables



820610 Filter (each)



820410 One-Way Valve (each)  
820700 Update Pack (1 filter; 1 valve)

830110 Head Strap, Adjustable (pkg. 10)



# Laerdal Paediatric Pocket Mask

*The most widely used CPR mask in the world is now designed with infants and children in mind*

Utilizing the same low-resistance one-way valve as the traditional Laerdal Pocket Mask in combination with a transparent soft silicone mask, the Laerdal Paediatric Pocket Mask is an excellent companion for the professional rescuer and first responder who have contact with infants and children.

- 820050 Laerdal Paediatric Pocket Mask w/Gloves and Wipe in Blue/Yellow Soft Pack
- 820051 Laerdal Paediatric Pocket Mask w/Gloves in Blue/Yellow Soft Pack
- 820052 Laerdal Paediatric Pocket Mask w/Gloves in Red/Black Soft Pack



Consumables	
820410 One-Way Valve (each)	

*Note: Wipes and gloves are expiration dated for user protection.*

# Laerdal Face Shield

The Laerdal Face Shield is small in size and price, but BIG in protection!

Its hydrophobic filter gives the user and the victim effective protection.

This single-use CPR barrier is available in convenient foil envelopes or sealed key ring. Private labeling available!

- 460000 Laerdal Face Shield CPR Barrier (pkg. 50)



*The Laerdal Face Shield with filter, in a convenient wallet-size package.*

# Laerdal Face Shield Key Ring

*Small on size and value...big on protection!*

Key Ring clips on belt loop or handbag, and fits in pocket.

- 460008 Laerdal Face Shield CPR Barrier Key Ring (pkg. 25), yellow
- 460009 Laerdal Face Shield CPR Barrier Key Ring in Multiple Colors – 8 Blue, 8 Black, 9 Red (pkg. 25)
- 460014 Laerdal Face Shield CPR Barrier Refill (pkg. 50)
- 460016 Laerdal Face Shield CPR Barrier Key Ring (pkg. 25), blue
- 460017 Laerdal Face Shield CPR Barrier Key Ring (pkg. 25), camouflage



*Private label option. See page 94*

[www.laerdal.com](http://www.laerdal.com)

# CPR Barrier Product Private Labeling

An ideal solution for your organization's next fundraising campaign, event giveaway, or employee gift

Has your company or organization been searching for a practical solution for a fund-raising campaign, a giveaway for an upcoming event, or a gift for your fellow employees, family members, or friends? We can help.

You can now get Laerdal Pocket Mask and Laerdal Face Shield products private labeled for your organization!

Laerdal Pocket Mask in Pearlized, White Hard Case

829911 Standard

839911 Oxygen Inlet

Laerdal Pocket Mask with Gloves and Wipe in Soft Packs (Blue Soft Pack or Black Soft Pack):

829940 Standard

839940 Oxygen Inlet



Laerdal Face Shield

469905 Laerdal Face Shield Folder (pkg. 50)


469900 Laerdal Face Shield in Foil Pack (pkg. 50)

469908 Laerdal Face Shield Key Ring (pkg. 25)

# The BAG Disposable Resuscitators

*Performance plus value is in The BAG ... the bright yellow disposable resuscitator by Laerdal! Temperature versatility, space-saving configuration, and ribbed body make The BAG the right choice*

The BAG Resuscitator's excellent performance and ergonomic design offer all the benefits of a reusable resuscitator with the convenience of a disposable!

- 
- 84004440** The BAG Adult Disposable Resuscitator (with Adult Mask) (pkg. 8)
  - 84004540** The BAG Adult Disposable Resuscitator (with Adult Mask) (single)
  - 84003440** The BAG Paediatric Disposable Resuscitator (with Manometer Port, 30 cm H<sub>2</sub>O Pop-Off and Child Mask) (pkg. 8)
  - 84003540** The BAG Paediatric Disposable Resuscitator (with manometer port, 30 cm H<sub>2</sub>O pop-off and Child Mask) (single)
  - 84002940** The BAG Infant Disposable Resuscitator (with Manometer port, 30 cm H<sub>2</sub>O Pop-Off and Infant Mask) (pkg.10)
  - 84003640** The BAG Infant Disposable Resuscitator (with manometer port, 30 cm H<sub>2</sub>O Pop-Off and Infant Mask) (single)



## The BAG Disposable Resuscitators Include:

Resuscitator; Face Mask, Oxygen Reservoir with 3 meters of Connecting Tube, Manometer Port (Paediatric/Infant Models Only), and Directions for Use (in a package designed for disposal of the resuscitator after single-patient use).

## Other Accessories:

- BLD-1023** PULMANEX Dual Swivel Elbow, w/Adjustable. 15-50 cm H<sub>2</sub>O POP-OFF Valve (Qty: 10)
- BLD-1024** PULMANEX POP-OFF Elbow w/40cm H<sub>2</sub>O. (Qty: 10)
- BLD-8700** PULMANEX Swivel Elbow. (Qty: 10)
- BLD-8870** PULMANEX PEEP Valve. (Qty: 10)

## Face Masks

- BLD- 8800** PULMANEX Cushion-Flex Mask Large Adult. (Qty: 20)
- BLD- 8801** PULMANEX Cushion-Flex Mask Medium Mask. (Qty: 20)
- BLD -8802** PULMANEX Cushion-Flex Mask Small Mask. (Qty: 20)
- BLD-8803** PULMANEX Cushion-Flex Mask Child Mask. (Qty: 20)
- BLD-8804** PULMANEX Cushion-Flex Mask Infant mask. (Qty: 20)

# Laerdal Silicone Resuscitators

The leader in reusable resuscitators for over 35 years, the Laerdal Silicone Resuscitator has exceptional bag re-expansion and superior feel for lung compliance. The new design enhances its convenience and maintains the outstanding quality and economy healthcare professionals rely on. All the excellence and integrity of the original!

Preferred by healthcare providers for excellent performance, economy, and reliability, Laerdal Silicone Resuscitators have proven to be the perennial gold standard by which other resuscitators are measured.



## Adult Resuscitator Models

- 870050 Adult Basic w/o Mask, in Carton
- 870052 Adult Standard w/Adult Mask 4-5+ in Carton
- 870051 Adult, Complete in Carton
- 870053 Adult, Complete in Compact Case
- 870055 Adult, Complete in Display Case

## Paediatric Resuscitator Models

- 860050 Paediatric Basic w/o Mask, in Carton
- 860052 Standard Child w/Child Mask 3-4, in Carton
- 860051 Paediatric, Complete in Carton
- 860053 Paediatric, Complete in Compact Case
- 860055 Paediatric, Complete in Display Case
- 860056 Standard Term-Baby w/ Infant Mask 0/1, in Carton

## Preterm Resuscitator Models

- 850050 Preterm Basic w/o Mask, in Carton
- 850051 Preterm, Complete in Carton
- 850053 Preterm, Complete in Compact Case
- 850055 Preterm, Complete in Display Case

## Accessories

- 521100 Wall Mount for Display Case Preterm/Paediatric
- 572000 Wall Mount for Display Case - Adult
- 871000 Silicone Extension Tube (28 cm)
- 870550 Wall Poster (Assembly)
- 870120 Hanging Loop
- 870400 Laerdal Head Strap w/Attachment Ring
- 531901 O<sub>2</sub> Reservoir Bag - 2600 ml
- 531907 LSR Intake Valve Adapter (23 mm OD)
- 551901 O<sub>2</sub> Reservoir Bag - 600 ml
- 850900 Manometer Connector
- 875400 Intake Reservoir Valve
- 560200 Patient Valve
- 851250 Patient Valve w/35 cm H<sub>2</sub>O Pressure Relief Valve
- 851350 Patient Valve w/35 cm H<sub>2</sub>O Pressure Relief Valve and Lock Clip



531907 Intake Valve Outer Part (23 mm OD)

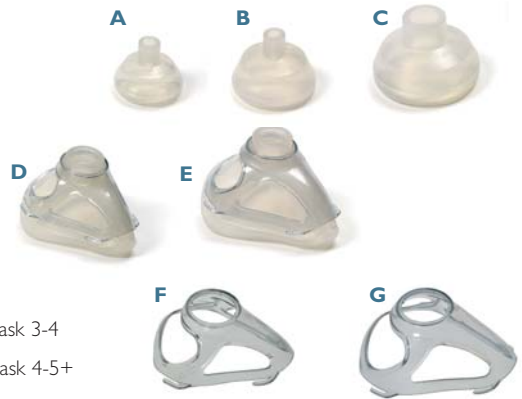


# Laerdal Silicone Masks

*Our masks fit the faces of the world*

Known worldwide for their quality and ease of use, Laerdal Silicone Masks have a soft contoured cuff that conforms well to all facial shapes.

- A 85 15 00** Infant Silicone Mask No. 0/0
- B 85 16 00** Infant Silicone Mask No. 0/1
- C 85 17 00** Infant Silicone Mask No. 2
- D 86 02 20** Child Silicone Mask No. 3-4  
w/ Multi-Function Mask Cover
- E 87 02 20** Adult Silicone Mask No. 4-5+  
w/ Multi-Function Mask Cover
- F 86 52 00** Multi-Function Mask Cover for Child Mask 3-4
- G 87 52 00** Multi-Function Mask Cover for Adult Mask 4-5+



## Laerdal Silicone Resuscitators: Models, Contents and Containers

	ADULT (Patients over 25 kg.)			PAEDIATRIC (Patients 2.5 to 25 kg.)				PRETERM (Patients under 2.5 kg.)	
	Basic w/o Mask	Standard	Complete	Basic	Standard w/o Mask	Standard Child	Complete	Basic w/o Mask	Complete
<b>Carton</b>	870050	870052	870051	860050	860052	860056	860051	850050	850051
<b>Compact Case</b>			870053				860053		850053
<b>Display Case</b>			870055				860055		850055
<b>Bag</b> 1600 ml	•	•	•						
500 ml				•	•	•	•		
240 ml								•	•
<b>Pt Valve</b> w/o Relief Valve	•	•	•						
w/ Relief Valve				•	•	•	•	•	•
<b>Mask</b> 0/0									•
0/1						•	•		•
2							•		
3-4 w/Mask Cover			•		•		•		
4-5+ w/Mask Cover		•	•						
<b>Intake/Reservoir Valve</b>	•	•	•	•	•	•	•	•	•
<b>Reservoir Bag</b> 2600 ml	•	•	•						
600 ml				•	•	•	•	•	•
<b>DFU</b>	•	•	•	•	•	•	•	•	•

# Trachlight Stylet and Tracheal Lightwand



*This light-guided oral and nasal intubation device has an impressive 99% success rate... with an average time to intubate of less than 25 seconds!\**

*Reusable handle and multi-use wands for adult, child, and infant make Trachlight the bright choice for difficult and routine airways!*

Based upon the principle of transillumination of the soft tissues of the neck, the Trachlight device facilitates intubation even in the most challenging patients.



### Trachlight Reusable Handles

are used with non-sterile Multi-Use Wands

- 621000 Trachlight Handle
- 621130 Trachlight Wand, Adult Multi-Use (pkg. 10)
- 621140 Trachlight Wand, Child Multi-Use (pkg. 10)
- 621150 Trachlight Wand, Infant Multi-Use (pkg. 10)

### Economical Starter Packs Include:

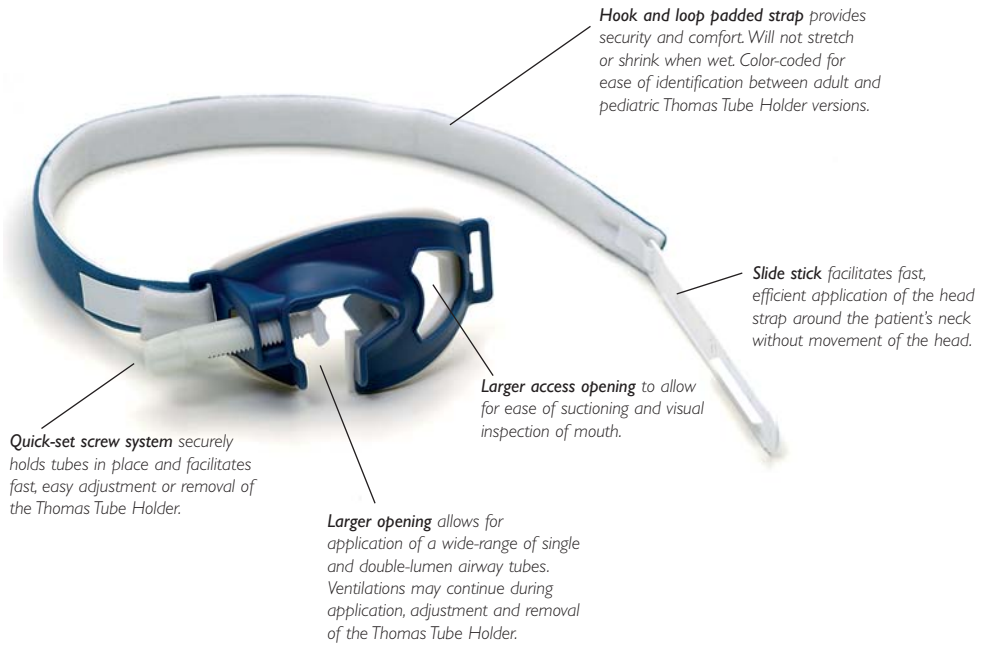
*1 Handle, 1 pkg. of Wands, and an In-Service Training Video (CD Rom)*

- 621300 Trachlight Adult Multi-Use Starter Pack
- 621320 Trachlight Child Multi-Use Starter Pack
- 621340 Trachlight Infant Multi-Use Starter Pack
- 621010 Replacement Battery Cap for Handle
- 621193 Trachlight In-Service Training Video (CD Rom)

\* O.R. Hung, MD, S.C. Stevens, MD, S. Pytko, MD, I. Morris, MD, G.O. Launcelott, MD, M.F. Murphy, and R.D. Stewart, MD Presentation at American Society of Anesthesiologists '93; "Clinical Trial of a New Lightwand Device for Intubation in Patients with Difficult Airways."

# Thomas Tube Holder

Never worry about tape fastening again! The Thomas Tube Holder is the only tube holder with a quick-set screw for a secure hold after tube placement. Not only does the Thomas Tube Holder accommodate Combitubes and LMA's, its special bite block feature protects the patient and the tube. No wonder it's one of the most effective tube holders on the market today!



- 600-30000 Thomas Tube Holder Adult, Green (qty 1)
- 600-10000 Thomas Tube Holder Adult (qty 1)
- 600-20000 Thomas Tube Holder Pediatric (qty 1)



# Laerdal Suction Unit

The award-winning Laerdal Suction Unit is the ultimate in high performance. It's rugged enough to take anywhere – in the ambulance or the hospital. Unique one-touch testing, built-in charger, and 5-year warranty validate its claim to fame as the one to beat

Raising the standard for EMS suction units, in-hospital and postcare units, the LSU features industry-first device diagnostics, a “No Tools” replaceable battery, built-in charger, and an integrated vacuum regulation/power control. All this in a rugged “bump-proof/splash-proof” design that is very quiet.



LSU w/Abbott Receptal® Canister

LSU w/Reusable Canister

**5-YEAR LIMITED WARRANTY\***

\*Excludes battery, canister system, power cords and normal wear and tear.

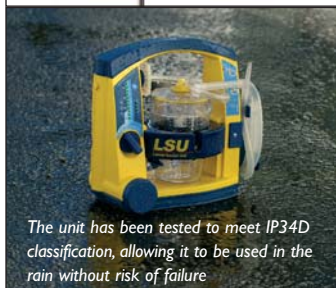
780000 LSU w/Reusable Canister

780010 LSU w/Abbott Receptal® Canister

The Laerdal Suction Unit includes: Suction Unit, AC and DC Cords, Canister with Patient Tubing, Battery, Vacuum Tubing, Filter/liner with filter, and Directions for Use.



LSU Wall Bracket

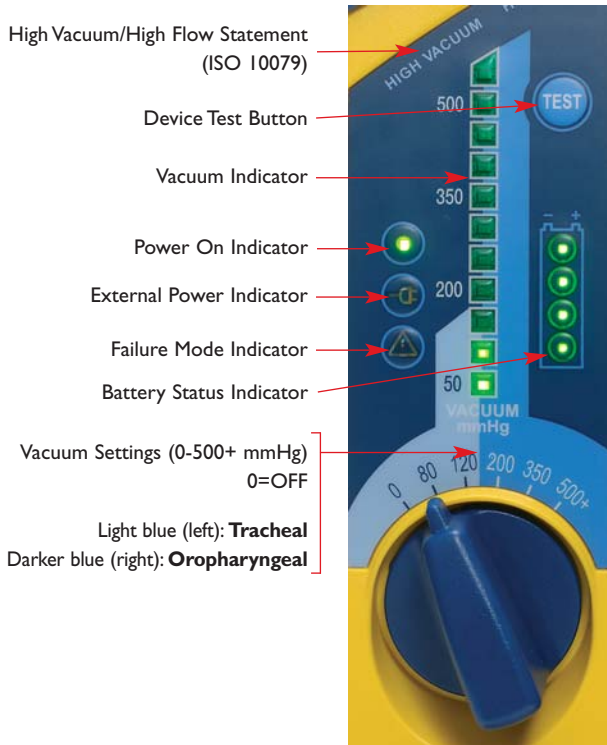


The unit has been tested to meet IP34D classification, allowing it to be used in the rain without risk of failure

## Consumables

- 781200 Aerosol Filter for LSU Reusable Canister
- 781201 Vacuum Tube for LSU Abbott Canister
- 770461 Abbott Disposable Liner

## Easy-To-Understand Graphic User Interface



This large, single knob is easy to turn on and adjust even with firefighter's bulky gloves



Ease of use is assured with a "No Tools" required replaceable battery, built-in charger, and multiple power options



User friendly storage of patient tubing



Color & Size Coded connectors



User friendly tubing illustration on the LSU

### Accessories

- 781202 High Efficiency Filtration kit for LSU Abbott Canister
- 782000 Carrying Bag (full covering)
- 782600 Wall Bracket w/DC-Power Cord
- 782610 Wall Bracket w/AC-Power Cord US
- 782620 Wall Bracket w/AC-Power Cord EU
- 782630 Wall Bracket w/AC-Power Cord UK
- 782640 Wall Bracket wo/ Power Cord
- 782300 Shoulder Strap
- 782400 Side Pouch
- 780440 External Charger kit

To learn more about all of the features and benefits of the LSU you can view an interactive presentation at [www.laerdal.com](http://www.laerdal.com) or contact LAERDAL to request a Free LSU CD.



# Laerdal Compact Suction Unit

*Big on suction but small in size, the Laerdal Compact Suction Unit exceeds International Standards, yet is one of the smallest battery-powered units on the market today! Its unique 2-year limited warranty and HEPA-rated bacterial filter make it a little wonder!*

The Laerdal Compact Suction Unit packs a lot of value into a small machine. The versatile LCSU comes with built-in gauge and regulator for all suctioning applications.



LCSU with Disposable Canister



LCSU with Reusable Canister

**2-YEAR LIMITED WARRANTY**

**880020** LCSU Complete w/Battery, Disposable Collection Canister, Gauge and Regulator, & Soft Pack Carry Case

**880030** LCSU Complete w/Battery, Reusable Collection Canister, Gauge and Regulator, & Soft Pack Carry Case

**Laerdal Compact Suction Unit Includes:** Suction Unit, Disposable or Reusable Canister; Lid, Elbow, Bacterial Filter; Connector Tube, 1,8 m Patient Tubing, Gauge and Regulator; Internal Battery, AC to DC Adapter/Charger, AC and DC Power Cords, Directions for Use, and Soft-Pack Carrying Case.



*The LCSU can be operated right from its carrying case.*

**Accessories**

- 884600 Soft Pack Carry Case with Shoulder Strap
- 884802 1200 ml Reusable Collection Canister Package
- 884801 1200 ml Reusable Collection Canister (16 each)
- 884803 Adapter for Reusable Collection Canister
- 885000 Vacuum Gauge Test Fixture Parts
- 884301 12V DC High Capacity Rechargeable Battery

- 884400 AC to DC Adapter/Charger
- 884401 120VAC Line Cord for USA
- 884500 12V DC Power Cord
- 884402 Hospital Grade Line Cord (120VAC)
- 884403 Line Cord for UK
- 884404 Line Cord for Continental Europe
- 884405 Line Cord for Australia

**Consumables**

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>884702 800 ml Disposable Collection Canister Package (incl. bottle, lid, filter, elbow, connector tubing, patient tubing)</li> <li>884701 800 ml Disposable Collection Canister (case of 48)</li> <li>884703 800 ml Disposable Collection Canister (6 pk)</li> </ul> | <ul style="list-style-type: none"> <li>884901 Bacteria Filter (12 pk)</li> <li>884903 1,8 m Patient Tubing</li> <li>884904 Elbow</li> <li>884905 Connector tube (6 pk)</li> </ul> |
|---|---|

# V-VAC Manual Suction Unit

Get a good grip on handling even the toughest suction scenario with Laerdal's V-VAC Manual Suction Unit. Ideal for First Responder emergency kits and as back-up suction. One-handed operation, one-piece disposable cartridge, and unique no-clog suction tip make the V-VAC the manual suction unit of choice!



985000 V-VAC Starter Kit

985100 V-VAC Training Kit

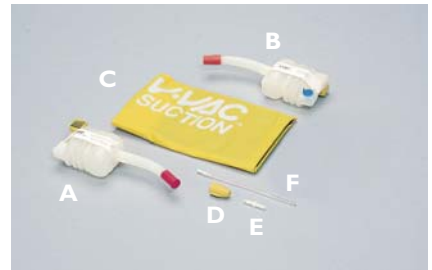
### V-VAC Training Kit for Practical Use Includes:

Handle, Training Cartridge with plug for emptying and cleaning, Catheter w/Adapter Tip, Double Male Connector, and Directions for Use.



### V-VAC Starter Kit for Patient Use (shown above)

Includes: Handle, 2 Replacement Cartridges, Short Suction Catheter w/Adapter Tip, Double Male Connector, and Directions for Use.



### V-VAC Accessories

- A** 985001 Replacement Cartridge
- B** 985101 Training Cartridge
- C** 985200 Carrying Bag (yellow)
- D** 985002 Adapter Tip (pkg. 4)
- E** 985003 Double Male Connector (pkg. 10)
- F** 985004 Short Suction Catheter (8"/18 F) (pkg. 4)
- 985030 Replacement Handle



- A** The V-VAC unit fits easily into many emergency kits. A separate carry bag is also available.
- B** The soft tip of the intake valve has deep cutouts to help prevent tube occlusion, and also soft tissue injury, when the tip is held against the back of the throat. The tri-cut valve resists back flow of suctioned matter.

## Stifneck Select Extrication Collar

*Savvy providers select quality with the Select. It's simple symmetrical sizing, plus safety!*

All the adult Stifnecks in one easily adjustable, fully assembled collar! Just measure the patient, select the size, adjust, and lock—four simple steps! This collar fits all adult patients and delivers the same superior immobilization you expect from Stifneck collars.



Unique, large rear panel opening allows for c-spine palpation, drainage and visualization while promoting ventilation for better patient comfort. Molded-in instructions on the back panel.



Locks are clearly marked and easy to identify.

Also available in GREEN!



- 980010 Stifneck Select Collar
- 980012 Stifneck Select Collar, Green
- 980016 Stifneck Select/HeadBed II HID Combo Pack (1 of each)

## Stifneck Pedi-Select Extrication Collar

*The Stifneck family of collars is now complete with the addition of the Pedi-Select!*

Designed to meet the specific anatomical features of children.

Three paediatric collars in one!

- 980020 Stifneck Pedi-Select Collar

All Laerdal extrication collars are latex-free.





# Stifneck Extrication Collar

*The classic collar against which all others are measured*

The original Stifneck with outstanding motion restriction and optimal sizing. Others may look like the Stifneck collar, but there's only one original. The only collar that gets rave peer reviews!



## Stifneck Extrication Collars

- A 980600** Stifneck Tall Collar (Adult)
- B 980500** Stifneck Regular Collar (Adult)
- C 980400** Stifneck Short Collar (Adult)
- D 980300** Stifneck No-Neck Collar (Adult)
- E 980200** Stifneck Pediatric Collar
- F 980100** Stifneck Baby No-Neck Collar



*Paediatric and Baby No-Neck collars offer a rear panel opening for palpation, visualization, and ventilation.*

## Stifneck Set & Carry Bag

- 980700** Carry Bag (only)
- 980000** Stifneck Set (All sizes) in Carry Bag



*Picture showing Carry Bag, with a suggestion of items that can be easily stored and then carried onto the scene. Contents not included.*

# BaXstrap Spineboard

*Engineered for maximum strength and designed for both patient and provider comfort*

As a rescuer, you want your spineboard to be comfortable for your patient, rigid and lightweight. The BaXstrap Spineboard provides this and is one of the lightest boards on the market. The unique contoured design allows the board to nest compactly. This feature also offers patients more comfort, making it less likely that they would move around and aggravate their injuries.



Also available  
in GREEN!

- 982500 BaXstrap Spineboard
- 982600 BaXstrap Spineboard, Green
- 982599 Private Label BaXstrap Spineboard\*
- 982699 Private Label BaXstrap Spineboard, Green\*
- 980800 Baxstrap Carry Bag

*\*Minimum order quantity is 10 boards. Please allow 8-12 weeks leadtime for these versions.*



*Multiple strap holes allow for paediatric strapping and do not interfere with handholds.*

## Laerdal Spineboard Straps



Straps are two-piece, totaling 150 cm in length, with Dual Side Release DELRIN Buckles.

- A** 982512 Premium Strap w/loop-lok ends
- B** 982513 Premium Strap w/swivel speed clip ends
- 982517 Best Straps (spider style strapping system)



*Lifting is made easier for the rescuer with raised handholds designed to maximize ground clearance.*



*Can easily be stored. Three boards stacked together are only 140 mm thick.*

## Laerdal Pedi-Pad Backboard Pad

*It's the foam, anti-skid kid disposable pad that provides proper alignment with any spineboard! Pedi-Pad works for kids*



Laerdal Pedi-Pad Backboard Pad

**701-00040** Laerdal Pedi-Pad Backboard Pad  
(pkg. 6)

## SpeedBlocks Head Immobilizer

*Our reusable SpeedBlocks go to the head of the immobilization class with easy application, secure and safe adjustments, and optimum visual access...all at the per-use cost of a disposable!*

SpeedBlocks offer a simple, four-step process for application, a unique, multi-axis blocks system to accommodate all head shapes & injury positions, and direct access to patient's ears for better communication and inspection. The low-cost blocks with disposable foam pads and head straps are so effective that the inconvenience of taping the patient can be eliminated.



Adult Application



Child Application

Ask about our study  
supporting SpeedBlocks  
efficacy.



- 983090** SpeedBlocks Starter Pack  
(Includes 1 Block Set, 1 Universal Base,  
1 Strap & Pad Replacement Set)
- 983092** SpeedBlocks Blocks Set
- 983060** SpeedBlocks Universal Base
- 983096** SpeedBlocks Strap and Pad Replacement Set  
(Includes 5 complete sets of Block Pads, Head  
Straps, and Base Pads)

## HeadBed II Head Immobilizer

*All the strength of corrugated board in an all-weather secured, disposable immobilizer*

Space is always at a premium in an ambulance, so every inch of storage space must count. The HeadBed II Head Immobilizer is so compact that ten can be stored in the same space as only one foam device.



- 982000 HeadBed II HID
- 980016 Stifneck Select/HeadBed II HID Combo Pack  
(1 of each)

## PadPack Alignment Pads

*All the strength of corrugated board in an all-weather secured, disposable immobilizer*

In most cases padding is necessary to maintain the cervical spine in neutral alignment during immobilization. Place a pad under the occiput of an adult to prevent extension, and under the torso of a young child or infant to prevent flexion.



- 982100 PadPack Alignment Pads (pkg. 10)



PadPack Alignment Pad

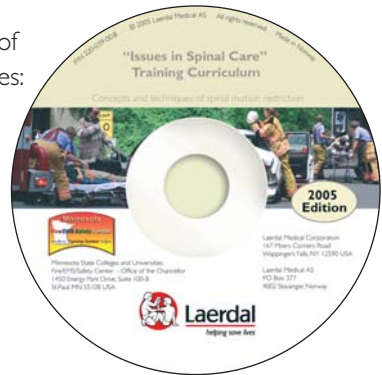
## “Issues in Spinal Care”

### Training Curriculum CD 2005 Edition

**Adult, Aquatic,  
Paediatric, and  
Field Rule-Out**

The classic spinal care training curriculum is now revised and updated!  
The 2005 Edition presents concepts and techniques of spinal motion restriction in four independent modules: adult, paediatric, aquatics, and spinal field rule-out. Most of the updates are in the aquatics section. Independently and expertly reviewed by the Minnesota State Colleges and Universities Fire/EMS/Safety Center and the physicians listed on their Medical Advisory Committee.

**For more information or a free “Issues in Spinal Care” CD, please visit us at [www.laerdal.com](http://www.laerdal.com)**



## Spinal System Solutions Sets

- 981 000 Immobilization Package with loop-look end straps
- 981 100 Immobilization Package with swivel speed clip end straps





# Laerdal Support

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We take pride in providing outstanding customer service, and we work in close partnership with our customers to ensure that our products and solutions suit their different needs.

Our support does not end once your order has been delivered. We provide ongoing support with in-service training, product and information updates, technical service, preventative maintenance, warranty programs, and much more.



Our new website has been created with our customers in mind and to reflect the different products and solutions we offer. As we continue to develop the site, you will find more interactive presentations describing our products in an innovative manner. Most of the sites will offer e-commerce for efficient online shopping. We hope that the web information and tools provided will be of great benefit to you as a user.



*For ordering online, please visit*

**www.laerdal.com**

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# A Global Commitment

## Norway:

LAERDAL MEDICAL AS P.O. Box  
377, N-4002 Stavanger Tel. +47 51  
51 17 00,  
Fax +47 51 52 35 57

E-mail [laerdal.norway@laerdal.no](mailto:laerdal.norway@laerdal.no)

[www.laerdal.no](http://www.laerdal.no)

## Australia:

LAERDAL Pty. Ltd.  
(ABN 47 003 817 490)  
23 Edward Street,  
Oakleigh, Victoria 3166  
Tel. +61 3 9569 4055,  
Toll free 1800 331 565  
Fax +61 3 9569 4028,  
Toll free 1800 635 835

[customer.service@laerdal.com.au](mailto:customer.service@laerdal.com.au)

[www.laerdal.com.au](http://www.laerdal.com.au)

## Belgium and Luxembourg:

Laerdal BeNeLux nv,  
Mechelsesteenweg 277  
B-1800 VILVOORDE  
Tel: 02 253 36 96,  
Fax: 02 253 36 90

[info@laerdal.be](mailto:info@laerdal.be)

[www.laerdal.be](http://www.laerdal.be)

## The Netherlands:

Laerdal BeNeLux bv, Dijkstraat 54  
5554 PS VALKENSWAARD  
Tel: 040 208 58 00,  
Fax: 040 208 58 02

[info@laerdal.nl](mailto:info@laerdal.nl)

[www.laerdal.nl](http://www.laerdal.nl)

## Canada:

LAERDAL MEDICAL  
CANADA LTD.  
151 Nashdene Rd., Unit #45  
Toronto, ON, M1V 4C3  
Tel. +1 (416) 298-9600,  
Toll free  
888/LAERDAL (523-7325) ou en  
français (800) 567-9987  
Fax +1 (416) 298-8016

[savilives@laerdal.ca](mailto:savilives@laerdal.ca)

[www.laerdal.ca](http://www.laerdal.ca)

## Denmark:

LAERDAL DANMARK  
Njalsgade 19 D 2300 København S  
Tel. +45 80 333 112,  
Fax +45 80 333 555

[laerdal.denmark@laerdal.no](mailto:laerdal.denmark@laerdal.no)

## Eastern Europe:

LAERDAL C.E. EUROPE  
Mariahilferstr. 1d/1/3  
A-1060 Vienna,  
Tel - Fax +43 15877140,  
Tel. +43 15815927

E-mail [mstam@aon.at](mailto:mstam@aon.at)

## Far East:

LAERDAL Singapore Pte Ltd  
No 1 Marine Parade  
#13-05, Parkway Centre  
Singapore 449408  
Tel. +65 63464259,  
Fax +65 63467523

[customercare@laerdal.com.sg](mailto:customercare@laerdal.com.sg)

[www.laerdal.com.sg](http://www.laerdal.com.sg)

## Finland:

LAERDAL OY  
Vattuniemenranta 2,  
00210 HELSINKI  
Puhelin +358 (0)9-612 99 80,  
Telekopio +358 (0)9-692 77 99

E-mail [laerdal.finland@laerdal.no](mailto:laerdal.finland@laerdal.no)

[www.laerdal.fi](http://www.laerdal.fi)

## France:

LAERDAL MEDICAL FRANCE  
1 rue des Vergers - Bâtiment n° 5  
69578 Limonest Cedex  
Tél. +33 (0)82 64 66 610,  
Fax +33 (0)47 83 53 845

[laerdal.france@laerdal.no](mailto:laerdal.france@laerdal.no)

[www.laerdal.fr](http://www.laerdal.fr)

## Germany: LAERDAL MEDICAL DEUTCHLAND GmbH

Lilienthalstr. 5  
82178 Puchheim  
Tel. +49 (0)89 / 864 954-0,  
Fax +49 (0)89 / 864 34 84

[info@laerdal.de](mailto:info@laerdal.de)

[www.laerdal.de](http://www.laerdal.de)

## Hong Kong:

LAERDAL CHINA LTD.  
Unit 2101-2103, Level 21,  
Tower 2 Grand Central Plaza,  
138 Shatin Rural Committee Road  
Shatin, N.T., HONG KONG  
Tel. +852-31682518,  
Fax +852-31682519

[sales@laerdal.com.hk](mailto:sales@laerdal.com.hk)

## Italy: LAERDAL ITALIA s.r.l.

Via Piero Gobetti 52/2 int.Z,  
40129 Bologna  
Tel. +39 051-355587,  
Fax +39 051-355598

[laerdal.italia@laerdal.no](mailto:laerdal.italia@laerdal.no)

[www.laerdal.it](http://www.laerdal.it)



*For local contact, distributor or site information, please visit*

[www.laerdal.com](http://www.laerdal.com)

**Japan:**

LAERDAL MEDICAL JAPAN K.K.  
 Ichibancho FS Bldg 5 Fl  
 Ichibancho 8, Chiyoda-ku, Tokyo  
 102-0082, Japan  
 tel: +81-3-3222-8090  
 fax: +81-3-3222-8091

laerdal.japan@laerdal.co.jp

**Malaysia:**

LAERDAL HOSPILINE Sdn Bhd  
 12 Jalan Titir 33/25,  
 Shah Alam Technology Park,  
 40400 Shah Alam,  
 Selangor Darul Ehsan,  
 Tel +60 (3) 5122-7002,  
 Fax +60 (3) 5122-5650

customerservice@laerdal.com.my

**New Zealand:**

LAERDAL NEW ZEALAND Ltd  
 (GST Number 79-403-636)  
 UNIT 5, 4 Knight Place  
 Riccarton, Christchurch  
 Tel. +61 3 9564 4066,  
 Toll free 0800 523 732  
 Fax +61 3 9563 3368,  
 Toll free 0800 528 852

customerservice@laerdal.co.nz

[www.laerdal.co.nz](http://www.laerdal.co.nz)

**Portugal:**

LAERDAL ESPANA, Sucursal em  
 Portugal  
 Rua da Bela Vista à Graca, no.31 A.  
 Escritorio 9, 1170-054 Lisboa  
 Tel. (+351)-21-816-6567,  
 Fax (+351)-21-816-6568,  
 Mob. (+351)-918765367

**Spain:**

LAERDAL ESPAÑA  
 Teide 3, bajo 0.3  
 Polígono Industrial Los Alamillos  
 28700 San Sebastián de los Reyes.  
 MADRID  
 Tel: (0034) 916591754 /  
 916586513  
 Fax: (0034) 916514380

**Sweden:**

LAERDAL MEDICAL AB  
 Box 2064, Paviljongvägen 5,  
 132 02 Saltsjö-Boo  
 Tel. +46 (0)8-55614610,  
 Fax +46 (0)8-55614619

laerdal.sweden@laerdal.se

[www.laerdal.se](http://www.laerdal.se)

**United Kingdom:**

LAERDAL MEDICAL LTD.  
 Laerdal House, Goodmead Road,  
 Orpington, Kent BR6 0HX  
 Tel. +44 (0)1689 876634,  
 Fax +44 (0)1689 873800

customer.service@laerdal.co.uk

[www.laerdal.co.uk](http://www.laerdal.co.uk)

**USA:**

Laerdal Medical Corporation  
 167 Myers Corners Road,  
 P.O. Box 1840, Wappingers Falls,  
 New York 12590-8840  
 Tel. (800) 431-1055, +1 (845)  
 297-7770  
 Fax (800) 227-1143, +1 (845)  
 297-5303

customerservice@laerdal.com

[www.laerdal.com](http://www.laerdal.com)

**Laerdal Texas**

P.O. Box 38, 226 FM 116,  
 Gatesville, TX 76528  
 Tel. (800) 433-5539, (254) 865-  
 7221, Fax (254) 865-8011  
 customerservice@laerdal.com

[www.laerdal.com](http://www.laerdal.com)

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# The story of our logo



The Laerdal Company was established in 1940. During our first two decades, we created innovative toys and books for children.

In 1960, with the introduction of the Resusci Anne manikin, the company dedicated itself to advancing the cause of resuscitation and emergency care. A new logo was needed to reflect our mission. Our founder, Åsmund S. Laerdal, chose the image of the Good Samaritan. It depicts the ancient tale of the traveler whose selfless compassion and care saved the life of a total stranger. This became our emblem and our inspiration.

Today, Laerdal Medical is dedicated to helping save lives with products, services, and system solutions that support the Chain of Survival. The Good Samaritan logo symbolizes our commitment to every health professional and volunteer who has learned how to save the life of a family member, friend, or stranger in need.

*They are the true Good Samaritans.*