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 systems solutions that support the Chain of Survival and the Circle of Learning. 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.
CPR was introduced

*CPR training of professionals*

The need for both a lifelike training aid for mouth-to-mouth ventilation and a way to make rescuers willing to blow into a “dead” person’s mouth led Åsmund S. Laerdal, together with Dr. Peter Safar and Dr. Bjorn Lind, to develop Resusci Anne®.

Introduced in 1960, Resusci Anne became the very first patient simulator.

“Practice to Perfection”

*CPR training of lay people*

The Recording Resusci Anne made effective training of lay people with printed feedback possible.

“90% Pass Criteria”

to obtain CPR certification

Throughout the 1980s, a growing need for quantitative real-time CPR measurement and feedback emerged. Resusci Anne Skillmeter™ was designed to meet this need.

More Hands-on Training

*CPR mass training events*

Following our mission of “helping save lives”, we developed a new manikin, Little Anne®, to meet the need for widespread quality CPR training.

Quality CPR

– *improving patient outcomes*

Resusci Anne Skills Station becomes a revolutionary new form of cost and time efficient training. It facilitates self-directed CPR training with real-time voice feedback for quality CPR performance and certification.

The CPRmeter™ gives caregivers accurate guidance for optimal CPR delivery to help improve patient outcomes.
Modern resuscitation training began with the first patient simulator.

Resusci Anne
Since 1960

Issues in Spinal Care
Head Immobilisers
Spineboard and Strapping Systems
Maternal & Neonatal
Patient Care
Cardiac
Patient Care
Maternal & Neonatal
Patient Cases
Basic
MR with Q-CPR® Technology
Defibrillation
Immobilisation
Suction
Ventilation
CPR Barrier Devices
Airway Management
Infant CPR
Self-Directed Learning
Simulation Scenarios
Intermediate
Advanced
Patient Simulators
Airway Management
Cardiac
IV
Patient Care
Maternal & Neonatal
Skills Trainers

www.laerdal.com.au
www.laerdal.co.nz
## Training Products

### Manikins

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<td>Resuscite Anne SkillReporter™</td>
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### Skills Trainers

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<td>Deluxe Difficult Airway Trainer</td>
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<td>Laerdal® Infant Airway Management Trainer</td>
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<td>Cricoid Stick-Trainer</td>
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<td>Pneumothorax Trainer</td>
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<td>Prompt Birthing Simulator</td>
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Find and compare training products online utilising the Compare Training Products

Resusci Anne® Basic and SkillGuide™
Quality CPR training with real-time feedback

The Resusci Anne Basic and Resusci Anne SkillGuide mannikins offer optimal realism and quality to adult CPR education. With their 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.

- 31000515 Resusci Anne Torso Basic w/Hard Case
- 31000615 Resusci Anne Torso Basic w/Soft Pack
- 31003515 Resusci Anne Full-Body Basic w/Hard Case
- 31001515 Resusci Anne Torso SkillGuide w/Hard Case
- 31001615 Resusci Anne Torso SkillGuide w/Soft Pack
- 31004515 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, Carry 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.

Consumables

- 310210 Face Skin (pkg. 6)
- 152250 Airways, Standard Resusci Anne (pkg. 24)
- 15120103 Mankin Face Shields (6 rolls of 36 each)

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us on 1800 331 565 (AUS) or 0800 523 732 (NZ)
Resusci Anne® SkillReporter™

Quality CPR training with real-time feedback and evaluation report

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.

Consumables

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tr>
<td>310210</td>
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<tr>
<td>310220</td>
<td>Face Skin, decorated (pkg. 6)</td>
</tr>
<tr>
<td>152250</td>
<td>Airways, Standard Resusci Anne</td>
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<tr>
<td>151200</td>
<td>Manikin Face Shields (6 rolls of 36 each)</td>
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<tr>
<td>315010</td>
<td>Paper for SkillReporter (pkg. 5)</td>
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31002115 Resusci Anne Torso SkillReporter w/Hard Case
31002615 Resusci Anne Torso SkillReporter w/Hard Case w/o SkillReporter
31005515 Resusci Anne Full-Body SkillReporter w/Hard Case
31005615 Resusci Anne Full-Body SkillReporter w/Hard Case w/o SkillReporter

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.

Resusci® Junior Basic and SkillGuide™

Quality CPR and water rescue training

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.

Consumables

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tr>
<td>18001015</td>
<td>Resusci Junior</td>
</tr>
<tr>
<td>18001115</td>
<td>Resusci Junior w/SkillGuide</td>
</tr>
<tr>
<td>18001215</td>
<td>Resusci Junior w/Water Rescue</td>
</tr>
</tbody>
</table>

Resusci Junior Manikin Includes:
Paediatric 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.

Consumables

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>183010</td>
<td>Junior Faces (pkg. 6)</td>
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<td>183210</td>
<td>Airways, complete (pkg. 25)</td>
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<tr>
<td>183015</td>
<td>Junior Face, Dark Skin (pkg. 6)</td>
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<tr>
<td>183211</td>
<td>Airways, complete (pkg. 100)</td>
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<tr>
<td>151200</td>
<td>Manikin Face Shields (6 rolls of 36 each)</td>
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</table>

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Resusci® Baby Basic and SkillGuide™

Quality CPR training with real-time feedback

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

Resusci Baby Manikin Includes:

Consumables
- 143600 Resusci Baby Faces (pkg. 6)
- 143700 Resusci Baby Airways (pkg. 24)
- 15120103 Manikin Face Shields (6 rolls of 36 each)

Little Anne®

Realistic and inexpensive quality CPR training

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.

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.

Little Anne Manikin 4-Pack Includes:
- 4 Manikins, 4 Training Mats, 8 Resusci Manikin Faces, 8 Little Anne Airways, 4 Virkon Rapid Packs, and Directions for Use, all in a 4-Pack Carry Case.

Consumables
- 310210 Face Skin (pkg. 6)
- 020300 Airways, complete (pkg. 24)
- 15120103 Manikin Face Shields (6 rolls of 36 each)

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Little Junior™

Realistic and inexpensive quality 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.

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

Consumables
- 183010 Junior Faces (pkg. 6)
- 183015 Junior Faces, Dark Skin (pkg. 6)
- 183210 Airways, complete (pkg. 25)
- 183211 Airways, complete (pkg. 100)
- 15120103 Manikin Face Shields (6 rolls of 36 each)

Baby Anne®

Realistic and inexpensive quality CPR training

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.

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

Baby Anne Manikin 4-Pack Includes:
4 Manikins, 4-Pack Carry Case, 24 Airways, 40 Foreign Body Practice Objects, and Directions for Use.

Consumables
- 050200 Baby Anne Faces (pkg. 6)
- 050202 Baby Anne Faces, Dark Skin (pkg. 6)
- 050100 Baby Anne Airways (pkg. 24)
- 050300 Foreign Objects (pkg. 10)
- 15120103 Manikin Face Shields (6 rolls of 36 each)

“Little” Family Pack

All-in-one – realistic and inexpensive quality CPR training

Laerdal brings you realistic, affordable, quality CPR training in one “Little” family package – the Little Family Pack. Designed to reflect the realistic anatomical differences between an adult, a child, and an infant, the Family Pack comes complete with one Little Anne®, one Little Junior™, and one Baby Anne® manikin, all in one convenient case. It is functional realism with all the essential features. Your students will benefit from the most realistic age-specific manikins on the market today. And you’ll benefit from the convenience.*

Consumables
- 02008015 “Little” Family Pack
- 02008515 “Little” Family Pack Dark Skin

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)

* With this package we will also supply a packet of airways for each manikin and a box of face shields (6 rolls of 36) for free.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz
Resusci Anne® CPR-D

Quality CPR and defibrillation training with real-time feedback and evaluation report.

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. (Defibrillator not included.)

Resusci Anne CPR-D
 Torso 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.

Consumables

310210 Face Skin
310220 Face Skin, decorated

152250 Airways
15120103 Manikin
15120003 Manikin Face Shields (4 rolls of 36 each)
315050 Paper for SkillReporter (pkg. 5)

32002515 Resusci Anne CPR-D
Torso w/ Hard Case and Training Mat

32001515 Resusci Anne CPR-D
Full Body w/ Hard Case and Training Mat

For more information on the SkillReporter unit, see page 10.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Resusci Anne® Q-CPR/D Training System

Quality CPR training incorporating live defibrillation and Q-CPR® Technology.

Q-CPR is an exciting technology developed by Laerdal, the result of collaboration with many leading CPR research centres over recent years. Q-CPR is a clinical measurement and feedback tool that will have a major impact on the quality of CPR that is delivered by professional rescuers in the field, and is only available on the Philips HeartStart® MRx ALS Monitor.

• The 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 the endotracheal tube, laryngeal mask airway 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 are controlled from the Micro-HeartSim module.
• With the use of the optional SkillReporter™ printer or the PC SkillReporting System, comprehensive debriefing documentation can be generated.

199-10050 Q-CPR Training Module
Must be purchased 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
Includes Micro-HeartSim ECG Simulator.

199-05050 Resusci Anne CPR-D Full-Body with Airway Head
Includes Micro-HeartSim ECG Simulator.

Consumables

250-21050 Airway Lubricant (45 ml)
315050 Paper for SkillReporter (pkg. 5)

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
AED Resusci Anne® SkillGuide™ and SkillReporter™

Quality CPR and AED training with real-time feedback and evaluation report.

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

Model list as "SkillGuide" includes the SkillGuide unit. Models listed as "SkillReporter" include SkillReporter unit with 1 roll of Printer Paper.

AED Little Anne® Training System

Realistic and inexpensive quality CPR and AED 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 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 Laerdal AED Trainer 2, see page 49.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Laerdal AED Trainer 2 not included, see page 49.

AED Little Anne® Training System Includes:

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

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
### CPR/CPR-D Manikin Accessories

**Airways and Faces**

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<th>Description</th>
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<td>Resusci Junior</td>
<td>136000</td>
<td>Resusci Junior Airways (pkg. 96)</td>
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<tr>
<td>Little Anne</td>
<td>020000</td>
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<td>Resusci Junior</td>
<td>310215</td>
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**Carry Cases**

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<td>Hard Case</td>
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<td>Soft Pack for ArmLeg Modules</td>
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<tr>
<td>Soft Pack/Training Mat</td>
<td>040200</td>
<td>Hard Case (for Torso)</td>
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<td>Soft Pack/4-Pack</td>
<td>020710</td>
<td>Soft Pack/4-Pack</td>
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<tr>
<td>Soft Pack/Training Mat</td>
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<td>Soft Pack/Training Mat</td>
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<td>Soft Pack/Training Mat</td>
<td>020701</td>
<td>Soft Pack/Training Mat</td>
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### Laerdal® PC SkillReporting System®

#### Laerdal® AED Trainer 2

**Laerdal® LINK Training Pads for AED Resusci Anne and AED Little Anne**

- **945009**
- **945010**

**Laerdal® AED Trainer**

- **5073A** Adult Training Pads
- **5074A** Adult Training Pads
- **5079A** External Manikin Adapter
- **5089A** Adult Training Replacement Pads
- **5090A** Infant/Child Training Replacement Pads

**HeartStart® AED Trainer**

- **5091A** Adult Training Replacement Pads

**Laerdal® PC SkillReporting System**

- **5092A** Infant/Child Training Replacement Pads
- **5093A** Infant/Child Training Replacement Pads
- **5094A** Infant/Child Training Replacement Pads

**Link Training Pads for AED Resusci Anne and AED Little Anne**

- **945009**
- **945010**

**Laerdal® PC SkillReporting System®**

Quality CPR training and evaluation tool

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 into 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, this is the perfect tool for you.

**317000 Laerdal PC SkillReporting System (includes: Program CD and Interface Cable. PC not included.)**

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

**Resusci Anne SkillReporter®**

- **317000** Laerdal® PC SkillReporting System

**Resusci Anne Simulator**

For more information on Resusci Anne SkillReporter, see page 10.

For more information on Resusci Anne Simulator, see page 78.

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
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: 31000515, 31000615, 31003515
- Resusci Anne SkillGuide™: 31001515, 31001615, 31004515, 32006015, 32008015
- 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: 31002515, 31005515, 32007015, 32009015, 32002515, 32005515
- Resusci Anne Skillmeter: 300010

Resusci Anne Airway Trainer Update Kit Includes:
- Airway Head, Lung, Stomach, Resusci Anne Simulator Eye Set,
- 1 Can Airway Lubricant, and Directions for Use.

Consumables

250-21050  Airway Lubricant (45 ml)
300-00750  Simulated Blood (4 oz)
325-00350  Replacement Skin & Vein System – Female

Laerdal® ALS Baby™

Advanced skills training for infant emergencies

The Laerdal ALS baby is a portable skills trainer for realistic infant resuscitation training. The Laerdal ALS Baby manikin is representative of a three-month-old infant with 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 connector, 3-lead ECG monitoring.

08003140  Laerdal ALS Baby 200 (Complete)
08003040  Laerdal ALS Baby (Manikin Only)
260010  HeartSim 200 Cardiac Rhythm Simulator

Laerdal ALS Baby 200 (Complete) Includes:
- ALS Baby Manikin, Molded Plastic Carry Case, 5 IO Leg Replacement Pads, Pulse Bulb, Airway Lubricant, HeartSim 200, and Directions for Use.

Laerdal ALS Baby Includes:
- ALS Baby Manikin, Molded Plastic Carry Case, 5 IO Leg Replacement Pads, Pulse Bulb, Airway Lubricant, and Directions for Use.

Consumables

250-21050  Airway Lubricant (45 ml)
262105  Leg Replacement Pads
082025  Lungs/Stomach (pkg. 6)

HeartSim 200 Cardiac Rhythm Simulator can be purchased separately.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Resusci Anne® First Aid/Trauma Modules

Add-on modules for any Resusci Anne manikin

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.

312000 Rescue Module
090050 Bleeding Control Leg
312025 IV Arm
312050 First Aid/Trauma Module
312052 Leg Assembly, Right w/Wounds
312053 Leg Assembly, Left w/Wounds
310321 Fastening Bolt, Arms (pkg. 2)
310341 Fastening Bolt, Lower Body
312009 Soft Pack for Arm/Leg Modules

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

Tuff Kelly

True weight, durable extrication and rescue training

The Tuff Kelly line of manikins is durable, 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 100 lb
101-05001 Tuff Kelly 150 lb
101-07501 Tuff Kelly 175 lb

Tuff Kelly Includes:
Manikin, Coveralls, Work Boots, Positioning Waist Belt w/ “D” Rings, and Directions for Use.

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)

Extri Kelly

Durable and realistic extrication training

Extri Kelly is a durable, rugged, fully articulated training manikin ideal for extrication, rescue, and immobilisation exercises.

101-10001 Extri Kelly

Extri Kelly Includes:
Manikin and Directions for Use.

Trauma Module Set available, see page 28.

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Crash Kelly

Combining extrication with airway management training

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

201-10001 Crash Kelly

Crash Kelly Includes:
Manikin, Airway Lubricant, Assembly Tool Kit, and Directions for Use.

Trauma Module Sets available, see page 28.

First Aid Training Manikin

Durable and realistic first aid and CPR training

The 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 recreate 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, Simulated Blood, and Directions for Use.

Ultimate Hurt

Durable, multi-functional rescue, extrication, and trauma training

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

201-00001 Ultimate Hurt

Ultimate Hurt Includes:
Manikin, Heads (3), Wound Set, Airway Lubricant, Jacket, Pants, Soft Carry Case, and Directions for Use.

Consumables

<table>
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<tr>
<th>Consumables</th>
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<tr>
<td>100-00450 Airway (pkg 100)</td>
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<tr>
<td>300-00750 Simulated Blood</td>
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<td>100-00150 Mouthpieces (pkg 6)</td>
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For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
**Advanced Trauma Module Set**

The Advanced Trauma Module Set may be added to adult extrication manikins for realism in trauma life support and lifesaving first aid scenarios, including airway management in trauma simulations.

276-00001 Advanced Trauma Module Kit

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**Trauma Module Set**

Add-on modules for rescue extrication manikins

The 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 26)
- 101-10001 Extri Kelly (see page 25)
- 201-00001 Crash Kelly (see page 26)
- 201-00001 Ultimate Hurt (see page 27)

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**Trauma Make-Up**

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

275-10001 Trauma Make-Up

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**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

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**SimNewB™ Congenital Anomalies Kit**

The kit helps healthcare providers prepare for rare emergencies in a risk-free environment.

220-03550 SimNewB Congenital Anomalies Kit

**SimNewB Congenital Anomalies Kit Includes:**
- 1 Forceps Laceration Head Skin
- 1 Cleft Lip Head Skin
- 1 Cystic Hygroma Head Skin
- 2 Polycystic Kidney Modules
- 1 Myelomeningocele Module
- 1 Omphalocele Module

The SimNewB Anomaly Kit can be used with all versions of SimNewB and Newborn Anne Neonatal Simulators.

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For more information on these and other Laerdal products, visit [www.laerdal.com.au](http://www.laerdal.com.au) or [www.laerdal.co.nz](http://www.laerdal.co.nz)

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
**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, foetal 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.

200-10001 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.

*VitalSim capabilities differ according to manikin.*

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
VitalSim™ Manikin Configuration Chart

The VitalSim Configuration Chart is a guide to help you create the ideal training manikin. Simply select your Focus: Prehospital or Inhospital/Nursing; the Targeted Patient: adult, paediatric, 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 more information, see page number below heading.

**VitalSim Capable**

- All Features
- ECG Only - Vocal Sounds Only

<table>
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<tr>
<th>VitalSim Capable</th>
<th>MegaCode Kelly</th>
<th>MegaCode Kid</th>
<th>Nursing Anne</th>
<th>Nursing Kelly</th>
<th>Nursing Kid</th>
<th>Nursing Baby</th>
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**Non-VitalSim Capable**

- Adult Head

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For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)

**VitalSim™ Capabilities**

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

- **Blood Pressure / Pulses**
  - Blood pressure arm for auscultation and palpation of blood pressure**
  - Korotkoff sounds synchronised with ECG
  - Korotkoff sounds volume control in ten 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
  - Palpated pulse simulator controls bilateral carotid and brachial and radial pulses in the BP arm
  - Pulsus synchronized with programmable ECG
  - Pulsus strengths dependent on BP

- **Sounds**
  - Heart sounds synchronised with programmable ECG
  - Lung sounds synchronised 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**
  - Scenarios can be created or modified using the PC Editor
  - Up to ten scenarios can be uploaded into the VitalSim Control Unit
  - Download up to 25 logs for “afteraction” review/defibrillation

**Accessories**

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
MegaCode Kelly

Easy-to-use simulation solution for advanced life-support skills training

The MegaCode Kelly is a cost-effective manikin for training in a wide range of advanced lifesaving skills. The manikin utilises all VitalSim™ capabilities, including pulses, 1100+ cardiac rhythm variations, defibrillation (up to 360 J) and pacing, non-invasive blood pressure measurement, and normal and abnormal heart, breath, and bowel sounds. In addition, MegaCode Kelly has interchangeable pupils, a multivenous IV arm, an improved airway for training in advanced airway procedures, and chest decompression sites for both needle decompressions and chest tube insertions. VitalSim scenario capabilities enable standardisation of patient presentation, progression, and customisable events to be logged in real time for scenario-based training and enhanced debriefing.

200-05050 MegaCode Kelly Advanced (VitalSim Capable)
203-05050 MegaCode Kelly Basic (VitalSim ECG Capabilities Only)

MegaCode Kelly VitalSim Advanced Includes:
- Manikin, 6 Neck Skins, 1 Roll of Cricothyroid Membrane Tape, Airway Lubricant, Jacket, Pants, Carry Case, 6 Chest Tube Modules, BP Cuff, and Directions for Use.

MegaCode Kelly VitalSim Basic Includes:
- Same as above minus heart, breath, blood pressure, and bowel sounds.

VitalSim functions vary according to manikin capabilities.

Consumables
250-20100 Airway Lubricant (45 ml)
381-005 Skin Skins (pkg 6)
200-02500 Cricothyroid Membrane Tape (1 Roll)
312029 Replacement Skin & Vein System Male

MegaCode Kid

Easy-to-use simulation solution for advanced life support skills training

The MegaCode Kid is a realistic manikin for training in a wide range of paediatric advanced lifesaving skills in prehospital emergencies. MegaCode Kid has a realistic airway, 1100+ ECG rhythms, defibrillation, and pacing capabilities, and allows drug administration and intravenous infusion to teach emergency skills.

231-05050 MegaCode Kid Advanced (VitalSim™ Capable)
231-15050 ECG Kid (VitalSim ECG Capabilities Only)

The MegaCode Kid VitalSim Includes:
- Manikin, Manikin Lubricant, Jacket, Pants, Carry Case, and Directions for Use.

EGC Kid Includes:
- Same as above minus heart and breath sounds.

VitalSim functions vary according to manikin capabilities.

Consumables
231-00101 Paediatric Intraosseous Leg
375-70150 Replacement Skin & Vein System – Pediatric

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Nursing Anne

Easy-to-use simulation solution for patient care and clinical skills development

The Nursing Anne is a manikin designed for scenario-based training in the care and management of a wide variety of in-hospital patients. Nursing Anne is an efficient, effective, flexible manikin for clinical training in women’s health, obstetrics, postpartum, 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 Includes:
Manikin, Hospital Gown, Airway Lubricant, Assembly Tool Kit, and Directions for Use.

**VitalSim functions vary according to manikin capabilities.

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 in fundus assessment and massage skills.

325-00450 Fundus Skills and Assessment Module

Also available as a Skills Trainer:
375-22501 Fundus Skills and Assessment Trainer
See page 38.

Wound Care and Assessment Set

Various hospital wounds can be added to the Nursing Anne manikin simulator for realism in wound assessment and patient care scenarios.

325-00550 Wound Care Assessment Set – Female
Nursing Kelly

Easy-to-use simulation solution for patient care and clinical skills development

The Nursing Kelly is a manikin designed for scenario-based training of the care and management of a wide variety of in-hospital patients. When used with VitalSim™, training includes blood pressure measurement and sounds auscultation. Optional interchangeable wound set allows practice in wound care assessment and management. This full-body adult male manikin is perfect for beginning education of in-hospital healthcare professionals.

Nursing Kelly Includes:
Manikin, Hospital Gown, Airway Lubricant, Assembly Tool Kit, and Directions for Use.

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

*VitalSim functions vary according to manikin capabilities.

VitalSim Unit required for operation. **Sold Separately. See pages 30-33 for more information.

Consumables
250-21050 Airway Lubricant (65 ml)
375-70150 Replacement Skin & Vein System - Paediatric
231-00101 Paediatric Intravenous Leg Set
350-00150 Valve/Clamp Set, Anal (pkg. 3), Urinary (pkg. 3)
300-00750 Simulated Blood

Nursing Kid

Easy-to-use simulation solution for patient care and clinical skills development

The 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 paediatric in-hospital patients. Training includes sounds auscultation, IV cannulation, urinary catheterisation, and general paediatric patient care. This child is ideal for clinical training in core paediatric in-hospital clinical skills.

Nursing Kid Includes:
Manikin, Airway Lubricant, Simulated Blood, Hospital Gown, Carry Case, and Directions for Use.

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

**VitalSim functions vary according to manikin capabilities.

Blood pressure and ECG capabilities not available on Paediatric or Infant manikins.

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ) for Scenarios relating to this product!
**Nursing Baby**

*Easy-to-use simulation solution for patient care and clinical skills development*

The 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 IV and IO skills, fontanelle assessment, urinary catheterisations, and general paediatric patient care. When used with VitalSim™, sounds auscultation may be practiced. This infant is unrivalled for clinical training in core paediatric in-hospital clinical skills.

365-05050 Nursing Baby (VitalSim Capable)

365-10050 Nursing Baby (Non-VitalSim Capable)

**Nursing Baby Includes:**
- Manikin, 3 Simulated Rectal Suppositories, Airway Lubricant, Baby Pants, Simulated Blood, Carry Case, and Directions for Use.

*VitalSim functions vary according to manikin capabilities.

**Convalescent Kelly**

*Basic patient care skills and CPR training*

The 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 techniques. The anatomically accurate landmarks allow for realistic practice of CPR, identification of intramuscular sites, and urinary catheterisation.

302-00001 Convalescent Kelly

**Convalescent Kelly Includes:**
- 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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>300-00450</td>
<td>Valve/Clamp Set – Anal (pkg. 3)</td>
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<tr>
<td>300-00550</td>
<td>Valve/Clamp Set – Urinary (pkg. 3)</td>
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<tr>
<td>300-00150</td>
<td>Throat Injection Pad</td>
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<tr>
<td>300-00250</td>
<td>Ventrogluteal Injection Pad – Male</td>
</tr>
<tr>
<td>325-00150</td>
<td>Ventrogluteal Injection Pad – Female</td>
</tr>
<tr>
<td>325-00250</td>
<td>Gluteal Injection Pad – Male</td>
</tr>
<tr>
<td>325-00350</td>
<td>Gluteal Injection Pad – Female</td>
</tr>
<tr>
<td>312029</td>
<td>Replacement Skin &amp; Vein System – Male</td>
</tr>
<tr>
<td>3121029</td>
<td>Replacement Skin &amp; Vein System – Female</td>
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**Convalescent Kelly Only**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-00450</td>
<td>Disposable Airways (pkg. 100)</td>
</tr>
<tr>
<td>300-00950</td>
<td>Upper/Lower Denture Set</td>
</tr>
<tr>
<td>100-00150</td>
<td>Mouthpieces (pkg. 6)</td>
</tr>
</tbody>
</table>

**For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz**

**Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)**
Newborn Anne

Clinical skills training for neonatal healthcare professionals

Newborn Anne is a manikin designed for skills training in neonatal resuscitation. With anatomical accuracy and a product feature set designed to focus on the critical resuscitation skills required in the first ten (10) minutes of a newborn’s life, Newborn Anne meets the key components of the Neonatal Resuscitation Program (NRP) course curriculum.

220-25050 Newborn Anne

Newborn Anne Includes:
Neonatal Manikin, Meconium Aspiration Module Set, Umbilical Cord, Clamp, Airway Lubricant, IV Bag Connector Tube, Pulse Bulb, IO Fill/Empty Syringe, Simulated Blood, Liquid Soap, Baby Powder, Baby Pants, Carry Case and Directions for Use on CD.

Nita Newborn™

Comprehensive newborn vascular access training

The Nita Newborn is a model of a 1.8kg, 40cm newborn female with realistic landmarks and articulation for vascular access procedures.

VT-1800 Nita Newborn

Nita Newborn Includes:
Infant Manikin, Fluid Bag and Tubing, Simulated Blood, Diaper, and Carry Case.

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.

25000033 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.

Consumables

- VT-401 Skin and Vein Replacement Set
- VT-1815 Umbilical/Valve Replacement
- VT-1805 Vein Replacement

- VT-609 Large Simulated Blood Reservoir Bag
- VT-491 Simulated Blood Iqst

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Deluxe Difficult Airway Trainer

Management of the obstructed airway

The Deluxe Difficult Airway Trainer features a manually inflatable tongue to simulate an obstructed airway and is designed for training in 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
- Airway Lubricant
- Directions for Use.

Paediatric Intubation Trainer

PALS airway management skills trainer

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

255-00001 Paediatric Intubation Trainer

Paediatric Intubation Trainer Includes:
- Paediatric Trainer
- Airway Lubricant
- Shorts
- Carry Case
- Directions for Use.

Laerdal® Infant Airway Management Trainer

The most realistic tool for practicing the specialised 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.

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
- Airway Lubricant
- and Directions for Use.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Consumables

- 250-21050 Airway Lubricant (45 ml)
- 381105 Neck Skins (pkg. 6)
- 200-00250 Cricothyroid Membrane Tape (1 roll)

Consumables

- 250-21050 Airway Lubricant (45 ml)

Consumables

- 250-21050 Airway Lubricant (45 ml)
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 articulate 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
- Replaceable Neck Skin
- Base
- Directions for Use.

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
- Carry Case
- Directions for Use.

Consumables
- 102-00150 Simulated Boluses (pkg. 4)

Pneumothorax Trainer

The Pneumothorax Trainer, with bilateral tension pneumothoraces 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
- Airway Lubricant
- Tank Top
- Carry Case
- Directions for Use.

Consumables
- 250-21050 Airway Lubricant (45 ml)
- 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

Consumables
- 250-21050 Airway Lubricant (45 ml)
- 200-00150 Bladder Replacement Kit

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
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
- Airway Lubricant
- Tank Top
- Carry Case
- Directions for Use.

Consumables
- 250-21950 Airway Lubricant (45 ml)

Blood Pressure Training Arm

Life-like adult arm with electronic trainer designed for training the procedure of NIBP measurement

375-40501 Blood Pressure Training Arm

Blood Pressure Training Arm Includes:
- Adult Arm
- Blood Pressure Trainer Cuff
- 2 “AA” Batteries
- Trainer Controller
- Carry Case

Consumables
- 07-10900 Standard Adult Training Pads
- 945090 Laerdal LINK Training Pads
- M3871A Standard Paediatric Training Pads

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 automated external defibrillator. This trainer was also developed to specifically simulate the HeartStart FR2 defibrillator in appearance and function.

94005033 Laerdal AED Trainer 2

Laerdal AED Trainer 2 Includes:
- Trainer
- Soft Pack
- 6 Batteries
- 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 or assistance.

Consumables
- GT-10990 Standard Adult Training Pads
- 945090 Laerdal LINK Training Pads
- M3871A Standard Paediatric Training Pads

HeartStart® First Aid Trainer

Designed for realistic and specific AED training

Unique in its design, the HeartStart AED Trainer has been developed to train individuals on how to use the Philips HeartStart First Aid Defibrillator.

- Eight CPR/AED preconfigured scenarios
- CPR coaching feature
- Offers step-by-step instructions for performing CPR including compression-to-ventilation ratios and the length of each ventilation
- Simulates operation of the HeartStart First Aid Defibrillator only

MS086A HeartStart First Aid Trainer

HeartStart First Aid Trainer Includes:
- Trainer Carry Case
- Adult Training Pads Cartridge (1)
- External Manikin Adaptor (1)
- Directions for Use
- A Quick Reference Guide

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
VitalSim™ Task Trainers

**VitalSim™ Arrhythmia Trainer**

200-20250 VitalSim Arrhythmia Trainer

Arrhythmia Trainer Includes:
Arrhythmia Box with Connection Cable and Soft Carry Case.

*VitalSim functions vary according to product capabilities.

**VitalSim™ Sounds Trainer**

200-20150 VitalSim Sounds Trainer

Sounds Trainer Includes:
Four Auscultation Speakers, a Connection Cable, and Soft Carry Case.

*VitalSim functions vary according to product capabilities.

**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.

*VitalSim functions vary according to product capabilities.

Laerdal® IV Skills Trainers

Skills trainers for realistic intravenous access training

Laerdal’s IV training arms are lifelike reproductions with complete venous systems for training of peripheral intravenous therapy skills and procedures including:

- IV cannulation
- Infusion
- IV bolus
- IV push
- Site care
- Maintenance

**Product Features:**

- Multiple venipuncture sites include the antecubital fossa and dorsum of the hand
- Accessible veins include median, basilic, and cephalic
- Palpable veins enable site selection and preparation
- Infusible veins allow peripheral therapy and IV bolus or push injection method
- Peripheral IV insertion, removal, and line maintenance including assessment and rotation of site and dressing, solution, and tubing change
- IV cannulation with realistic flashback
- Realistic rotation at deltoid for easier access to cannulation sites
- Replaceable skin and veins ensure longevity

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Paediatric 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
380700   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, Airway Lubricant, Carry Case, and Directions for Use.

375-70001 Paediatric Multi-Venous IV Training Arm Kit
375-71001 Paediatric 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, Airway 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

Female 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, Airway 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 Arm Stick Kit
375-81001 Arterial Arm Stick

Arterial Arm Stick Kit Includes:
Adult Male Arm, Replacement Skin and Artery Set, 5 Syringes, Simulated Blood, Airway Lubricant, Carry Case, and Directions for Use.

Consumables

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>250-21050</td>
<td>Airway Lubricant (45 ml)</td>
</tr>
<tr>
<td>300-00750</td>
<td>Simulated Blood – Red</td>
</tr>
<tr>
<td>312029</td>
<td>Replacement Skin &amp; Vein System – Male</td>
</tr>
<tr>
<td>325-00350</td>
<td>Replacement Skin &amp; Vein System – Female</td>
</tr>
</tbody>
</table>

*This product is available in light, tan, and brown skin tones. Part numbers listed represent light skin tones only unless otherwise specified. Contact us for details and part numbers for other skin tone versions.

Consumables

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>250-21050</td>
<td>Airway Lubricant (45 ml)</td>
</tr>
<tr>
<td>300-00750</td>
<td>Simulated Blood – Red</td>
</tr>
<tr>
<td>375-70150</td>
<td>Replacement Skin &amp; Vein System – Pediatric</td>
</tr>
<tr>
<td>375-80150</td>
<td>Replacement Skin &amp; Arteries</td>
</tr>
</tbody>
</table>

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Laerdal® IV Torso

The most realistic tool for adult IV training

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

Laerdal IV Torso Includes:
- Carry Case
- 1 Bottle of Simulated Blood
- 1 Set of IV Pads
- Directions for Use

Consumables

- 090019: Laerdal IV Torso
- 092001: Neck Replacement Pad
- 092003: Femoral Replacement Pad
- 092005: Bladder Replacement Kit
- 092006: Blood Reservoir Bag
- 201-00150: Bladder Replacement Kit
- 201-00152: Arm Vein Tubing Set

AT Kelly Torso

Central venous access and chest decompression training with the added benefit of airway management features

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

AT Kelly Torso Includes:
- Adult Torso
- Bladder Replacement Kit
- Airway Lubricant
- Tank Top
- Carry Case

Consumables

- 250-21050: Airway Lubricant (45 ml)
- 201-00150: 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.

Chester Chest Includes:
- Torso with 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.

Peter PICC Line Includes:
- Lightweight Torso with Moveable Chin, Complete Vein Set, Fluid Bag and Tubing, Supply Case, and Carry Case

Consumables

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
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.

The Femoral Access Trainer Includes:
- Lower Torso
- 5 Syringes
- 3 IV Bags with Hoses and Clamps
- Blood Concentrate – 1 Blue, 1 Red
- Airway Lubricant
- Carry Case
- Directions for Use.

**Consumables**
- 250-21050 Airway Lubricant (45 ml)
- 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 visualisation of the relationship of bone to muscle while training in the administration of medication via dorsogluteal injection.

**NG Tube and Trach 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.

NG Tube and Trach Care Trainer Includes:
- Adult Male Torso
- Airway Lubricant
- Tank Top
- Carry Case
- Directions for Use.

**Consumables**
- 250-21050 Airway Lubricant (45 ml)
- 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.

**Wound Care Model**

VT-910 Wound Care Model
VT-901 Carrying Case for Wound Care Model
Interchangeable Catheterisation and Enema Task Trainer

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

375-21001 Catheterisation and Enema Trainer
375-21350 Health Care In-Service Wounds
325-00450 Fundus Skills and Assessment Module

Catheterisation and Enema Task Trainer Includes:
Adult Female Pelvis, Upper Thighs, Male and Female Genitalia, 6 Valves/Clamps, and Carry Case.

Fundus Skills and Assessment Module shown on page 35

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:

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

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

Baby Umbi

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

250-00501 Baby Umbi

Baby Umbi Includes:
Baby Umbi Trainer, Umbilical Cord Set (3), Blood Concentrate, and Directions for Use.

Consumables

277-00150 Baby Powder
300-00750 Simulated Blood – Red
240-00150 Umbilical Cord Set (pg 3) Skin and Vein
240-00250 Simulated Umbilical Blood (4 oz)

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
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Please visit our website for additional information regarding features, accessories, and consumables.

www.laerdal.com.au
www.laerdal.co.nz
SimMan® 3G

The next generation of Laerdal Simulation

The SimMan 3G patient simulator is so advanced, it's actually easy to operate. Whether you're programming a scenario, using a pre-programmed scenario, or using SimMan 3G on the fly, we've made a successful simulation experience as simple as possible.

Real Environments, Real Results: SimMan 3G's durable and rugged construction provides you with the flexibility to perform simulation-based education in the environment of your choice. Built with the quality you've come to expect from Laerdal, SimMan 3G was developed to be the most reliable patient simulator in the world – giving you the peace of mind to know that you can train where you practice medicine – in real environments with real results.

The “All Terrain” Solution: With SimMan 3G you can train in the actual environments in which your students will be working – such as in a hospital or ambulance or even in a military field environment. Completely wireless, self-contained, rugged, and reliable, SimMan 3G boasts the proven quality and durability you've come to expect from Laerdal.

More than a Patient Simulator: SimMan 3G is much more than a patient simulator; it integrates fully with the complete Circle of Learning Laerdal products. With its video debriefing, patient monitoring, pre-packaged patient cases and scenarios, available Advanced Video System, and other accessories, SimMan 3G is a complete simulation offering to help provide a turn-key learning solution.

- Completely wireless and self-contained
- Rugged and reliable for use in the field and in transport as well as in the lab
- Wireless integration with existing networks
- Three simple ways to work that suit your needs:
  - Get the benefits of physiological models more easily
  - Run simulations “on the fly”
  - Use pre-configured scenario packages
- Easily program your own scenarios or use Laerdal’s pre-configured scenario packages

SimMan 3G includes:
- SimMan 3G Manikin
- SimMan 3G Software & License
- Operator’s Tablet PC
- Simulated Patient Monitor (12”) and Software
- Simulated Patient Monitoring Cables
- WebCam
- Drug Recognition Kit
- Soft-Sided Carry Cases
- Speically Designed Clothing
- 10 SimMan 3G Scenario Cases for AutoMode
- 1-Year Manufacturer’s Warranty
- Introductory Course
- Technical Installation
- Courseware

See page 86-87 for SimMan® 3G Scenarios and Patient Cases.

Sample Package of 3G Scenarios
Contains 10 sample patient cases in the areas of airway complications, bleeding, cardiac emergencies, and head injuries. Included with the purchase of each SimMan 3G

212-00050 SimMan 3G Complete with 12” Monitor

Consult your Laerdal Representative to determine your optimal SimMan 3G configuration.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
SimMan® Essential

SimMan Essential is a realistic, full body adult, wireless patient simulator, with advanced clinical functionality to teach critical skills. With ‘simplicity of use’ being a fundamental principle of its design, both novice and experienced instructors can now take full advantage of the benefits of simulation. Built to be rugged, reliable, networkable and mobile, SimMan Essential makes In Situ simulation easier and more realistic than ever before. With a full complement of patient cases and courseware to ease instructor prep time, and the availability of comprehensive Technical and Educational services - SimMan Essential is the solution set to define a new era in simulation training.

Features

- Multiple Airway Skills/Features
  - Control of open/closed airway - automatically or manually controlled
  - Halt W/I/O lift
  - Jaw thrust/lethally controlled jaw
  - Suctioning (Oropharyngeal and Nasopharyngeal)
  - Bag-mask ventilation
  - Orotracheal intubation
  - Endotracheal intubation
  - Nasotracheal intubation
  - Combitube oropharyngeal airway placement
  - Endotracheal tube intubation
  - Reininsert intubation
  - Exsufflation intubation
  - Tracheal jet ventilation
  - Surgical cricothyrotomy
  - Variable airway resistance on/off
  - Right main stem intubation
  - Jaw thrust with articulated jaw
  - Head tilt/Chin lift
  - Decreased range of cervical motion
  - Stomach distention
  - Right main stem intubation
  - Surgical cricothyrotomy
  - Needle cricothyrotomy
  - Transtracheal jet ventilation
  - Retrograde intubation
  - Endotracheal tube intubation
  - Decreased range of cervical motion

- Circulation Features
  - Pacing
  - Defibrillation and cardioversion
  - ECG rhythm monitoring (4 wire)
  - Heart sounds – four anterior locations
  - Extensive ECG library
  - Carotid, femoral, radial, dorsalis pedis, posterior tibial pulses and brachial (on left only) detected and logged
  - Pulse strength variable with BP
  - Pulse palpation detected and logged

- Basic Life Support
  - CPR
  - Pulse Palpation detected and logged
  - Pulse strength variable with BP

- Blood Pressure
  - Fully dynamic and scalable
  - SBP range from 10 to 300 mmHg
  - DBP range from 0 to 180 mmHg
  - 2nd phase

- Multiple Auscultation Sites
  - 6 posterior auscultation sites
  - 5 anterior auscultation sites

- Other Features
  - Instructor comments
  - Data logging
  - Instructor can simulate patient’s voice wirelessly
  - Instructor Communication
  - Multiple instructors communicate using integrated voice over IP

- Pharmacology
  - Manual drug recognition
  - Extensive formulary

- Vascular Access
  - N’ arm (right arm) – Establish IV
  - Intravenous access (tibia and sternum)
  - IV Training Arm

- Intranasal Insufflation

- Other Features
  - Blinking eyes
  - Eyes open, closed and partially open
  - ECG display
  - Simulated spontaneous breathing
  - Bilateral and unilateral chest rise and fall
  - CO2 exhalation
  - Normal and abnormal breath sounds
  - 5 anterior auscultation sites
  - 6 posterior auscultation sites
  - Increased range of cervical motion
  - Specially Designed Clothing
  - Webcam
  - Specially Designed Clothing
  - Intubation

- System Features
  - Wireless tablet PC controls simulator remotely
  - Control multiple manikins from one interface
  - Control simulations from anywhere on your network
  - Multiple interfaces can control/observe a single simulation
  - Instructor Mode
  - Precise control “on the fly”
  - Design and program custom scenarios
  - Create custom events
  - Run pre-packaged scenarios
  - Auto Mode
  - Physiological and pharmacological models run pre-packaged simulations
  - Unique, simple slider control difficulty and pace
  - Runs all SimMan and SimMan 3G scenarios and Patient Cases
  - Simulation controls
  - Fast forward, Pause, Rewind, Save/Skip Scenarios
  - Profile Editor
  - Future prediction and patient outcome display
  - Integrated video debriefing
  - Data logging
  - Instructor comments
  - Works with existing SimMan 3G Scenarios

- Patient Monitor
  - Wireless
  - Highly configurable
  - Integrated ECG Display
  - 12 Lead ECG Display
  - Pulmonary Function Monitor
  - CO2 measurement
  - Respiratory rate
  - Oxygen saturation and waveform

- New Features
  - Oxygen saturation and waveform
  - 12 Lead ECG Display
  - X-Ray Display
  - Wireless Patient Monitor
  - SIM EKG
  - Cardiac Features
    - Extensive ECG library
    - Heart sounds – four anterior locations
    - ECG rhythm monitoring (4 wire)
    - 12 lead ECG display
    - Defibrillation and cardioversion
    - Pacing

- Circulation Features
  - BP measured manually by auscultation of Korotkoff sounds
  - Carotid, femoral, radial, dorsalis pedis, posterior tibial pulses and brachial (on left only) detected and logged
  - Pulse strength variable with BP
  - Pulse palpation detected and logged

- Breathing Features
  - Simulated spontaneous breathing
  - Bilateral and unilateral chest rise and fall
  - CO2 exhalation
  - Normal and abnormal breath sounds
  - 5 anterior auscultation sites
  - 6 posterior auscultation sites

- Other Features
  - Instructor comments
  - Data logging
  - Instructor can simulate patient’s voice wirelessly
  - Instructor Communication
  - Multiple instructors communicate using integrated voice over IP

- Pharmacology
  - Manual drug recognition
  - Extensive formulary

- Vascular Access
  - N’ arm (right arm) – Establish IV
  - Intravenous access (tibia and sternum)

- Intranasal Insufflation

- Other Features
  - Blinking eyes
  - Eyes open, closed and partially open
  - ECG display
  - Simulated spontaneous breathing
  - Bilateral and unilateral chest rise and fall
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  - 12 Lead ECG Display
  - Pulmonary Function Monitor
  - CO2 measurement
  - Respiratory rate
  - Oxygen saturation and waveform

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz
**SimMan® Optional Features**

### 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-on, one with nylon sutures and Penrose drain, and one with staples and Penrose drain
- Infected colostomy stoma
- Lacerated hand
- Forearm suture module
- Global and ventro-gluteal pressure ulcer modules
- Thigh packing and irrigation wound
- Thigh suture module
- Thigh debridement module
- Below knee amputation
- Varicose vein leg with stasis ulcer
- Diabetic foot with gangrenous toes and heel debridement ulcer

381450 Nursing Wound Module Set
211-20050 Nursing Wound, Pedal Pulse 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

381500 Trauma Modules
211-25050 SimMan Trauma Module Set
(for use with pedal pulse)

### 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. The 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 Rucksack
- Liquid Soap Fluid Tank, Clear Fluid Tank, Manifold with Tubing, and 4 oz Bottle Liquid Soap.

**For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz**

### 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:** Pressure Tank, 3 Hoses, 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.

### Simulation Air/CO₂ Connection Options

**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 CO₂ containers available from local suppliers. Works with SimMan® 3G, SimMan®, SimBaby™, and SimNewB™.

381220 Regulator Unit

**Portability/Power Adapter Kit**
Kit allows the simulator to be used indoors and outdoors during training scenarios. Works with SimMan® 3G (Air/CO₂ only), SimMan®, SimBaby™, and SimNewB™.

Kit includes:
- Battery pack – supplies power to the link box and adapter kit
- Regulator unit
- Carry Case – can be attached to any standard gurney.

381850 Portability/Power Adapter Kit

**Canisters not included.**

**For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz**

**Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)**
The SimNewB is an interactive simulator designed by Laerdal with the American Academy of Pediatrics, that meets the training requirements of the NRP course. With realistic newborn traits and lifelike clinical feedback, SimNewB is ideal for training for the specific needs of neonates.

Realistic Anatomy: The simulator accurately represents a full-term, 50th percentile newborn female. Measuring 53cm and weighing 3kgs, SimNewB can present as a limp, cyanotic newborn with no vital signs, or as a moving, crying, vigorous newborn.

Realistic Airway and Breathing Functionality:
- The airway was designed to allow for training in all aspects of newborn airway management, including the use of Positive-Pressure Airway devices, and the placement of ET tubes and LMAs.
- Lung compliance: Instructors can alter the simulator’s lung compliance to challenge providers’ skills in detecting and treating lung compliance changes.
- Realistic chest rise: The chest rise on the simulator can be adapted to be absent or normal, with breathing rates up to 100 breaths per minute.
- Needle decompression: The torso of SimNewB includes functionality to relieve a pneumothorax via needle decompression.

Patent Umbilicus: An umbilicus with a lifelike pulse can be assessed, cut, and catheterised for IV access.

Intraosseous Access: SimNewB features I/O access in both legs.

Simulation Support Materials:
SimNewB comes with NRP Simulation Support Materials that map directly to the NRP course materials, facilitating delivery of consistent simulations, reinforcing the NRP curriculum, and enabling instructors to easily integrate simulation into their NRP and other neonatal training programs.

Neonatal Resuscitation Program Scenarios
NRP scenarios support the Neonatal Resuscitation Program 2006 curriculum and the instructor manual for newborn resuscitation. The neonatal scenario package focuses on developing knowledge and skills needed to safely manage critically ill neonates. Learning objectives are geared toward basic and advanced neonatal resuscitation. Included with the purchase of each SimNewB

Includes:
- Pre-Programmed Scenarios
- Simulation Support Materials
- Neonatal Resuscitation Textbook

Optional Accessories:
- 210-05150 Transportation Hard Case for Peripherals
- 220-05350 Transportation Hard Case for SimNewB Manikin
- 220-00150 Umbilical Cord (pkg-4)
- 220-03550 Congenital Anomalies Kit
- 381-120 Regulator Unit
- 381-850 Portability Kit
- 84940 Clinical Accessory Kit

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
The SimBaby is the 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 such as subcostal retractions and see-saw breathing. Relevant circulation features include palpable pulse at several locations, BP measurement, and 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 synchronised recordings of the patient monitor and in-room video. Easy-to-use navigation tools, and an adjustable level of detail, help the instructor to optimise the simulation as an educational tool.

245-05050 SimBaby™ Main Product
SimBaby Includes: Manikin, BP Cuff, SpO2 Probe, Avi/CO2 Tube, Set of Consumables, Operating Software, and Directions for Use.
210-09033 Peripheral Kit Complete
Peripheral Kit Complete Includes: Simulated Patient Monitor, USB Webcam, USB Hub, PDA as Remote Control, LinkBox, and Laptop PC.

SimBaby Peripheral Kit comes with a simulated patient monitor. The 17” colour LCD screen provides 12-lead ECGs, SpO2, CO2, 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 multi-media files can also be shown on the patient monitor.

Optional Accessories:
210-01150 Compressor 110 V
245-18050 Transportation Case for Peripherals
381220 Regulator Unit
381850 Portability Kit

Consult your Laerdal Representative for your optimal SimBaby configuration.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Harvey® The Cardiopulmonary Patient Simulator

Full-size manikin realistically simulates nearly any cardiac disease at the touch of a button

For nearly 40 years, Harvey has been a proven simulation system to teach bedside cardiac assessment skills that transfer to real patients. Harvey, The Cardiopulmonary Patient Simulator, is the longest continuous university-based simulation project in medical education.

Harvey realistically simulates nearly any cardiac disease at the touch of a button by varying blood pressure, pulses, heart sounds and murmurs.

Dramatically updated with state-of-the-art technology, the current version of Harvey’s software covers history, bedside findings, all laboratory data, medical, and surgical treatment.

Thousands of students, residents, physicians, physician assistants, nurses and nurse practitioners train annually on Harvey, The Cardiopulmonary Patient Simulator at hundreds of medical centres worldwide.

Harvey is a turnkey system that is simple to use.

Harvey includes two complete curricula supporting the needs of students, residents, physicians, physician assistants, nurses, and nurse practitioners.

Core Curriculum Features:
- Introductory Program
- Normal
- Innocent Murmur
- Aortic Valve Sclerosis
- Hypertension
- Angina Pectoris
- Acute Inferior Myocardial Infarction
- Acute Anterior Myocardial Infarction
- Ventricular Anusyrym
- Mitral Valve Prolapse (MVP)
- MVP, isolated Click & Murmur
- Mitral Regurgitation, chronic
- Mitral Regurgitation, mild
- Mitral Regurgitation, acute
- Mitral Stenosis (MS) with severe Tricuspid Regurgitation (TR)
- MS with mild TR
- Mitral Stenosis & Regurgitation
- Aortic Regurgitation, chronic
- Aortic Regurgitation, acute
- Aortic Stenosis
- Hypertrophic Obstructive Cardiomyopathy
- Cardiomyopathy
- Atrial Fibrillation
- Primary Pulmonary Hypertension
- Atrial Septal Defect
- Ventricular Septal Defect
- Patent Ductus Arteriosus
- Pulmonary Stenosis
- Coarctation of the Aorta
- Tetralogy of Fallot

Special Nurses Curriculum
- Developed with Nurse Experts on Simulation-based Training
- Basic and Advanced Levels
- Nurses Learning Manual
- Nurses Instructor Guide
- Nurses Introductory Program

Basic Assessment Cases
- Introductory Program
- Normal Patient Assessment
- Angina
- Acute Anterior Infarction

Advanced Assessment Cases
- Introductory Program
- Aortic Valve Sclerosis
- Isolated Click and Plummer
- Mild Mitral Regurgitation
- Severe Aortic Stenosis
- Severe Aortic Regurgitation
- Atrial Septal Defect
- Pericarditis

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
The UMedic Multimedia Computer Curriculum is a patient-centred system that has been shown to enhance the learner’s bedside examination skills while also teaching patient histories, laboratory data and treatment. bedside skills in UMedic are taught through video demonstrations of Harvey®, the Cardiopulmonary Patient Simulator, a full-size manikin that simulates bedside examination skills while also teaching patient histories, laboratory data and treatment. Bedside skills in UMedic are taught through video demonstrations of Harvey®, the Cardiopulmonary Patient Simulator, a full-size manikin that simulates bedside examination skills while also teaching patient histories, laboratory data and treatment.

The curriculum is divided into four series of five programs; emphasising pathophysiology and bedside skills, common management problems, and congenital and acquired diseases to provide a comprehensive curriculum in cardiology.

UMedic®
The updated multimedia computer curriculum in cardiology

UMedic® includes

Key Features:
- 40 Case-based Interactive Programs
- Emphasizes bedside skills
- Covers Esophageal and Treatment
- Softwaring in Instructional Design
- For Students, Residents, Physicians, Physical Therapists, Nurses and Nurse Practitioners
- Can Stand Alone or Link to Harvey
- Database to Track Performance
- Unlimited learners on network
- Pathway findings
- Path Current Patient Treatment
- Path Current Patient Examination
- Complete with original or current Harvey

Curriculum:
Each series of UMedic have been developed and updated, each series including five patient-centred programs.

FIRST SERIES
Essentials Cardiac Pathophysiology and bedside skills includes:
- The Normal Heart
- Aortic Stenosis
- Aortic Regurgitation
- Mitral Valve Disease
- Mitral Regurgitation

SECOND SERIES
Essentials common management problems and includes:
- Arrhythmias
- Acute Aortic Valve
- Acute Atrial Valve
- Mitral Valve Regurgitation
- Hypertension

THIRD SERIES
Each series includes diseases and includes:
- Atrial Septal Defect
- Atrioventricular Fistula
- Primary Pulmonary Hypertension
- Acute Medial Regurgitation
- Acute Right Ventricular Cardiomyopathy

FOURTH SERIES
Essential cardiac diseases and includes:
- Ischemic Heart Disease
- Mitral Valve Prolapse
- Mitral Valve Stenosis
- Coronary Artery Disease
- Strategy of Valve

Content:
Each program includes the entire patient encounter:
The student is guided by an instructor who provides explanations, feedback and remediation.

LEARNING SECTION:
- Provides feedback on Harvey, The Cardiopulmonary Patient Simulator
- Practice Section
- Allows repeat practice of all findings at different heart rates

PRACTICE SECTION:
- Reinforces learning objective 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 on a local hard disk, or 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 more details.

210-08033 Advanced Video System
Advanced Video System Includes:
- Desktop Computer w/Advanced Video Card LCD Monitor
- AVS Software, Audio, and Video Cable Adapter

For more information on these and other Laerdal products, visit www.laerdal.com or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
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 lifesaving skills in prehospital emergencies. The simulator responds to clinical intervention, instructor control, and comprehensive preprogrammed scenarios for effective practice of diagnosis and treatment of a patient. The ALS Simulator is a fully functional prehospital simulator with spontaneous breathing, airway control, voice, sounds, ECG, and many other clinical features.

**ALS Simulator Scenarios**

These 10 scenarios for the ALS Simulator address major learning objectives geared toward the care of patients with cardio-respiratory emergencies. The scenarios encourage participants to assess and manage the patient, while presenting key indicators to be identified and allowing critical interventions to be performed.

Included with the purchase of each ALS Simulator or ALS Simulator Advanced

**ALS Simulator Optional Accessories**

For more information, see MegaCode Kelly on page 34.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

ALS Simulator Advanced

The simulator for advanced life-support training programs

The Advanced version of the ALS Simulator maintains the same features and benefits that you already know but incorporates a new PC Platform based on Laerdal’s SimMan® software. The new software will allow customers to control ALS Simulator from one laptop PC and enjoy the benefits of video debriefing and complex scenario building. VitalSim Control Unit is still needed for this version. The ALS Simulator Advanced runs all SimMan scenarios!

In order to upgrade your Patient Simulator, please consider:

205-09001 Peripheral Kit Complete

Peripheral Kit Complete Includes: Laptop PC, USB Webcam, USB Hub, Touch Screen Patient Monitor, and Advanced Software.

**VitalSim functions vary according to manikin capabilities.

### Consumables

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>205-21050</td>
<td>Airway Lubricant (45 ml)</td>
</tr>
<tr>
<td>300-00750</td>
<td>Simulated Blood</td>
</tr>
<tr>
<td>381115</td>
<td>Neck Skin (pkg. 6)</td>
</tr>
<tr>
<td>200-00250</td>
<td>Cricothyroid Membrane Tape (1 Roll)</td>
</tr>
<tr>
<td>312029</td>
<td>Replacement Skin &amp; Vein System – Male</td>
</tr>
</tbody>
</table>

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Resusci Anne® Simulator

Wireless simulation and quality CPR training

The Resusci Anne Simulator provides the essential features needed to educate learners in quality CPR and BLS education. Key simulation functionalities include a high-quality airway, spontaneous breathing, and vital signs including ECG, IV blood pressure, and voice, lung, and heart sounds for basic simulation training.

150-00001  Resusci Anne Simulator

Resusci Anne Simulator Includes:
Manikin, BP Cuff, IV Arm, Remote Control, Educational Support Material, Software CD and USB Interface Cable, Air Pump, AC Power Cable, Full-Body Soft Case, and Directions for Use.

Resusci Anne Simulator Optional Accessories

312053 Right Leg Assembly with Wounds
312052 Left Leg Assembly with Wounds
381655 Transportation Case, Full Body

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

Consumables

<table>
<thead>
<tr>
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<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>300-00750</td>
<td>Simulated Blood</td>
</tr>
<tr>
<td>252090</td>
<td>Airway Lubricant (180 ml)</td>
</tr>
<tr>
<td>325-00350</td>
<td>Replacement Skin &amp; Vein System – Female</td>
</tr>
</tbody>
</table>

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

PROMPT Birthing Simulator

The simulator for achieving competency in the delivery of a full-term baby

The PROMPT Birthing Simulator is designed to allow instructors to effectively teach the complexities associated with birthing, while allowing learners to practice the skills required for successful deliveries. The clinical accuracy of the PROMPT product offers the ability to present both the mother and baby in multiple positions to simulate:

- Training in normal, difficult, instrument, and placenta deliveries
- Training in the relief of shoulder dystocia
- Measurement of the traction forces applied by the obstetrician to the baby during delivery

376-00050  PROMPT Birthing Simulator – Standard

The PROMPT Birthing Simulator Standard Includes:
Birthing Mother, Standard Baby, Placenta, Lubricant, Soft Carry Case, and Directions for Use.

376-00550  PROMPT Birthing Simulator – Force Monitoring

The PROMPT Birthing Simulator Force Monitoring Includes:

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Courseware

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C U R R I C U L U M P A R T N E R S

American Heart Association
Learn and Live

National League for Nursing

Monash University

ECU

Queensland Skills Development Centre

University of Technology Sydney

SIMMEDICAL

SimMan

NLN

National League for Nursing

Advanced Neonatal Resuscitation

PALS SimBaby

SimMan

VitalSim
Courseware Overview

Laerdal courseware is designed to provide you with partner-validated scenarios, patient cases, courses, and curriculums that meet your ongoing education and training needs.

Scenarios
Scenarios validated by industry leaders in healthcare (NLN, The Gordon Center, AAP, NRP, AHA) to meet the training and education needs of nurses, first responders, hospital staff, and military personnel. Scenarios are designed to be used with SimMan®, SimBabyTM and other intermediate and basic patient simulators, and manikins on the VitalSimTM platform. Some scenarios can also be used with SimMan® 3G in Instructor Mode and can be edited.

Patient Cases
Developed by medical experts to work with the physiological model in the SimMan 3G auto mode and can run as a model-based simulator. Patient cases cannot be edited.

When you purchase one of Laerdal’s courseware packages, one license key is included that allows you to install the scenarios/patient onto one PC only. All additional physical PCs which run Laerdal courseware require a Laerdal license. Because additional PCs may be needed by faculty/instructors to run or edit courseware, additional Laerdal courseware licenses must be purchased. Courseware licenses are dependent upon the number of simulation-capable PC stations you wish to have operational to run simulations using Laerdal Courseware.

Laerdal Courseware licenses cannot be split across multiple campuses/sites. If you have multiple campus locations, your sales representative can develop a proposal for that campus location(s) which will include purchase of an additional full courseware box as the learning and instruction materials are needed to successfully run a simulation.

Please note: In early 2011 we are launching a new product called SimCentre which includes new and exciting ways to purchase and manage Courseware. Please contact us for details or visit our websites.

Scenarios
Bringing quality solutions to nursing, in hospital staff, military, and prehospital first responders.

In 2003, The National League for Nursing (NLN) based in the US, announced a new relationship with Laerdal to support vitally important nursing education research. Laerdal supported the NLN with a three-year grant for a national, multi-site, multi-method project to develop and test models using simulation to promote student learning in nursing. Eight NLN member schools were selected as project sites to develop innovative uses of simulation. Participating schools documented student outcomes of learning, specifically, the extent to which different simulation models affect students’ critical thinking skills, level of self-confidence/anxiety, and knowledge. The result of this research is Simulation in Nursing Education Scenarios, Volume I and Volume II.

These scenario packages are validated by the NLN, one national organisation that represents the nursing workforce at all levels of education and practice.

“I knew if the NLN had a hand in this, they would be great for use in our nursing curriculum... (it was exciting) to see actual scenarios where the nursing process was at work.”

- Tracy Suber, MSN, RN
Darton College

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
American Heart Association –
Scenarios for Teaching and Testing ACLS

Over the past ten years, the American Heart Association (AHA) and Laerdal have collaborated on a number of projects designed to help save lives through the global implementation of medical science and evidence-based educational products in Emergency Cardiovascular Care (ECC). As a result of such activities, in July 2005 the AHA and Laerdal announced the establishment of the first ever strategic alliance between the AHA and a commercial organisation. Since that time, Laerdal and the AHA have developed simulation-testing scenarios for the ACLS course. The Advanced Cardiac Life Support (ACLS) Provider course and scenarios are designed for healthcare practitioners who either train or participate in resuscitation of a patient in or out of a hospital setting. These scenarios test providers’ skills and treatment of arrest and peri-arrest through active participation in a series of simulated cardiopulmonary cases.

- Runs on SimMan®, SimMan Essential or SimMan® 3G Instructor Mode or ALS Simulator Advanced
- Comes with one Software License

These 31 pre-programmed scenarios teach, test, and reinforce the skills required for the latest AHA ACLS course and include five (5) teaching scenarios, four (4) testing scenarios, and twenty-two (22) core cases.

Teaching scenarios cover pacing, single-shock VF, single-shock pulseless VT, unstable narrow complex tachycardia and unstable wide complex tachycardias.

Testing scenarios cover Mobitz type II AV block, sinus bradycardia, tachycardia, cardioversion and tachycardia (SVT) drug therapy.

80-1459 ACLS SimMan® Scenarios

Includes:
- 31 Pre-Programmed Scenarios
- ACLS Instructor Manual
- ACLS Provider Manual

80-1496 ACLS VitalSim™ Scenarios

Includes:
- 31 Pre-Programmed Scenarios
- ACLS Instructor Manual
- ACLS Provider Manual

Scenarios compatible with ALS Simulator, MegaCode Kelly, and Resusci Anne® Simulator

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Advanced Life Support Scenarios for Paediatric Healthcare Providers

The Paediatric Advanced Life Support (PALS) scenarios are based on the AHA PALS course which utilises the new science evidence from the 2005 AHA Guidelines for CPR and ECC and a new teaching methodology. The goal of the PALS course is to aid the paediatric healthcare provider in developing the knowledge and skills necessary to efficiently and effectively manage critically ill infants and children, resulting in improved outcomes.

These scenarios contain 21 core scenarios and 4 skills teaching scenarios that require learners to take critical action steps using a systematic approach in order to successfully complete the scenario. The scenarios address major learning objectives geared toward critical paediatric care and can be used in a variety of settings where assessment and management of critical paediatric care is a priority.

- Comes with one Software License

80-1497 PALS SimBaby™ Scenarios

Neonatal Scenarios for Intervention with Critically Ill Neonates

The Advanced Neonatal Resuscitation and Stabilisation Scenarios offer educators a simple and realistic method for teaching and assessing learners’ critical thinking and decision-making skills. These scenarios are created in accordance with the Neonatal Resuscitation Program (NRP) materials based on the American Academy of Pediatrics (AAP) and the American Heart Association (AHA) Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care of the Neonate.

These Scenarios contain 20 cases. Fourteen scenarios reflect special considerations in neonatal resuscitation following the guidelines as presented in the Textbook of Neonatal Resuscitation, 5th Edition. Six stabilisation scenarios focus on the assessment and management of the critically ill newborn. Each of the 20 scenarios include learning objectives that reflect the knowledge and skills needed to effectively resuscitate and stabilise a newborn.

- Comes with one Software License

*220-19650 Advanced Neonatal Resuscitation and Stabilisation Scenarios

Emergency Preparedness Training Needs for First Responder, Military, and Prehospital Personnel

Laerdal, in conjunction with The University of Miami’s Gordon Center for Research in Medical Education, has developed scenarios that will better prepare emergency responders in the event of a terrorist attack. These 25 validated Terrorism Scenarios meet the training needs of Military, Hospital, Paramedics, and other prehospital first responders.

These 25 scenarios cover five key terrorism threats such as Nerve Agent Attacks, Improvised Explosive Device (IED), Radiological Dispersion Device (RDD), Cyanide Exposure, and Vesicant Agents. The five threat groups each contain five different scenario modules. The scenarios can be used individually or combined for multiple casualty events with multiple SimMan® simulators.

- Comes with one Software License

211-17101 Emergency Preparedness Scenarios – Terrorism for SimMan®

Patient Cases – Developed to Optimise your Training with SimMan® 3G

AutoMode combines physiological and pharmacological models, pre-programmed patient cases, and methods for managing model-based simulation. You can repeatedly run the most complex cases with ease and tailor the difficulty to match the skill of every student.

These 10 surgical and 10 medical scenarios are designed to challenge students at different levels. The package includes basic and advanced cases. Cases range from maintaining vital signs through recognising and managing life-threatening complications. Mapped to the 2007 NCLEX!

- Comes with one Software License

212-17001 Simulation in Nursing Education (NLN) Vol. I for SimMan® 3G

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Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
**Australian Developed Scenarios**

211-17315 SimMan Scenarios: Undergraduate Nursing Vol I

10 pre-programmed and validated cases included in this Undergraduate Nursing Scenarios Binder that have been developed in collaboration between Monash University’s Centre for Medical & Health Sciences Education and Laerdal Australia. The patient cases address major learning objectives geared toward the care of patients with a variety of complications, both basic and advanced, including Chest Pain, Breathlessness and Hyperglycaemia.

Includes:
- Binder with resource materials
- CD with the scenarios programmed

211-17415 SimMan Scenarios: Emergency Care (In-hospital) Vol I

14 pre-programmed and validated cases included in this support binder that were developed in collaboration between Medical Education Solutions and Laerdal Australia. The patient cases in this binder address major learning objectives geared toward the emergency care of patients with a variety of complications primarily designed for in-hospital settings; however the scenarios have validity also in other settings. Some include: Pregnant Trauma, Myocardial Infarct / Ventricular Tachycardia and Drug-Induced Anaphylaxis with intubation.

Includes:
- Binder with resource materials
- CD with the scenarios programmed

220-17415 SimNewB Scenarios: Neonatal Resuscitation Vol I

These SimNewB Simulator scenarios contain 10 different scenarios that address major learning objectives geared towards both basic and advanced neonatal resuscitation. The simulation scenarios are designed to encourage participants to assess and manage neonatal resuscitation. The learning objectives and the case scenarios have been developed to focus on neonatal resuscitation treatment.

Patient cases include: Normal birth, Unexpected newborn depression and Birth of an asphyxiated baby. They were developed in consultation with the Edith Cowan University, Queensland Skills Development Centre and University of Technology Sydney. This scenario package is currently provided with every SimNewB delivered.

Includes:
- Binder with resource materials
- CD with the scenarios programmed
- Learning Objectives Wall Chart

---

For more information on these and other Laerdal products, visit [www.laerdal.com.au](http://www.laerdal.com.au) or [www.laerdal.co.nz](http://www.laerdal.co.nz)

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Educational Products

Knowledge Resources

Infant CPR

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

www.laerdal.com.au
www.laerdal.co.nz
Infant CPR Personal Learning Program

Infant CPR benefits you and your community:

- Teaches the core skills of CPR and relief of choking, using video self-instruction, in just 22 minutes.
- Allows families and friends to learn skills anytime, anywhere, and at a pace that is convenient to their own individual learning style.
- Share with others so that lifesaving CPR skills can be passed along to family and friends.
- Incorporates research-supported ‘practice-while-watching’ (PWW) educational methodology for learning the core skills of infant CPR.
- Adheres to Australian and New Zealand Resuscitation guidelines.
- Endorsed by APLS Australia (Advanced Paediatric Life Support).
- Special prices available for bulk purchases.

Each Infant CPR Anytime Kit includes:
- Mini Baby® CPR Training Manikin, CPR Skills Practice DVD, Fold-out Quick Reference Guides: Practice Phone, Directions for Use, Manikin Wipes (2), Mini Baby Spare Lung (2).

103-09018 Infant CPR Personal Learning Program

NOTE: THIS PRODUCT IS DESIGNED AS A PERSONAL TAKE HOME MANIKIN. IT IS NOT INTENDED FOR ‘EVERYDAY’ USE BY MULTIPLE USERS.
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Please visit our website for additional information regarding features, accessories, and consumables.

www.laerdal.com.au
www.laerdal.co.nz
Laerdal® Pocket Mask®

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

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

Standard Versions

- 82001133 Laerdal Pocket Mask w/Gloves in Yellow Hard Case
- 82004033 Laerdal Pocket Mask w/Gloves in Blue Soft Pack
- 82004133 Laerdal Pocket Mask w/Gloves in Black Soft Pack
- 82006633 Laerdal Pocket Mask in Re-sealable Poly Bag
- 82004233 Laerdal Pocket Mask in Camouflage Soft Pack
- 82001933 Laerdal Pocket w/o Gloves & Wipe in Yellow Hard Case (each)

Oxygen Versions

- 83001133 Laerdal Pocket Mask w/Oxygen Inlet w/Gloves & Yellow Hard Case
- 83004033 Laerdal Pocket Mask w/Oxygen Inlet w/Gloves in Blue Soft Pack
- 83004133 Laerdal Pocket Mask w/Oxygen Inlet w/Gloves in Black Soft Pack
- 83001633 Laerdal Pocket Mask w/Oxygen Inlet in Re-sealable Poly Bag

Laerdal® Paediatric Pocket Mask®

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

Utilising 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 in Soft Pack

Laerdal® Face Shield

Small on size... Big on protection!

46000015 Laerdal Face Shield CPR Barrier (pkg. 50)

Laerdal® Face Shield Key Ring

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)
460017 Laerdal Face Shield CPR Barrier Key Ring (pkg. 25), Camouflage

Consumables

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

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
The BAG™ II Disposable Resuscitators

Performance plus value is in The BAG II … the bright yellow disposable resuscitator by Laerdal. Temperature stability, versatility, space-saving configuration, and ergonomic body make The BAG II the right choice.

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

The latest from the leader in reusable resuscitators for over 40 years, the Laerdal Silicone Resuscitator (LSR) has exceptional bag re-expansion and superior feel for lung compliance. The improved design enhances its convenience and maintains the outstanding quality and economy that healthcare professionals rely on. All the excellence and integrity of the original Laerdal® Silicone Resuscitators.

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

87005033 Adult Basic w/o Mask, in Carton
87005233 Adult Standard w/ Adult Mask 4.5+ in Carton
87005133 Adult, Complete in Carton
87005333 Adult, Complete in Compact Case
87005533 Adult, Complete in Display Case

Paediatric Resuscitator Models

86005033 Child Basic w/o Mask, in Carton
86005233 Standard Child w/ Child Mask 3-4, in Carton
86005133 Child, Complete in Carton
86005333 Child, Complete in Compact Case
86005533 Child, Complete in Display Case
86005633 Standard Child w/ Infant Mask 0/1, in Carton

Preterm Resuscitator Models

85005033 Preterm Basic w/o Mask, in Carton
85005333 Preterm, Complete in Carton
85005533 Preterm, Complete in Compact Case
85005533 Preterm, Complete in Display Case

Accessories

521100 Wall Mount for Display Case
572000 Wall Mount for Display Case – Adult
871000 Silicone Extension Tube (28 cm)
870120 Hanger Loop
531901 O₂ Reservoir Bag — 2600 ml
551901 O₂ Reservoir Bag — 600 ml
850500 Expiration Diverter
850900 Manometer Connector
87540033 Intake Reservoir Valve
560200 Patient Valve
851250 Patient Valve w/ 35 cm H₂O Pressure Relief Valve
851350 Patient Valve w/ 35 cm H₂O Pressure Relief Valve and Lock Clip
531907 LSR Intake Valve Adapter (23 mm OD)
845040 Laerdal Disposable PEEP Valve, 5-20 cm H₂O, and Expiratory Diverter (pkg. 10)

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Laerdal® Silicone Masks

Our masks fit the faces of the world

Laerdal Silicone Masks are known worldwide for their soft contoured cuff that conforms well to all facial shapes.

A 851500 Infant Silicone Mask No. 0/0
B 851600 Infant Silicone Mask No. 0/1
C 851700 Infant Silicone Mask No. 2
D 860220 Child Silicone Mask No. 3-4
  w/ Multi-Function Mask Cover
E 870220 Adult Silicone Mask No. 4-5+
  w/ Multi-Function Mask Cover
F 865200 Multi-Function Mask Cover for Child Mask 3-4
G 875200 Multi-Function Mask Cover for Adult Mask 4-5+

Laerdal Silicone Resuscitators: Models, Contents, and Containers

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<th>CHILD (Patients 2.5 to 25 kg)</th>
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<tr>
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<td>Basic w/o Mask</td>
<td>Complete w/o Mask</td>
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<tr>
<td>Carton</td>
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<td>Compact Case</td>
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<td>Bag</td>
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<tr>
<td>Pt Valve w/o Relief Valve</td>
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<tr>
<td>w/ Relief Valve</td>
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<td>3-4 w/ Mask Cover</td>
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<td>4-5+ w/ Mask Cover</td>
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<td>Intake/Reservoir Valve</td>
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<td>600 ml</td>
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<td>Directions for Use</td>
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</table>

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

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!

- Mask and loop padded strap provides security and comfort. Will not stretch or shrink when wet. Colour-coded for ease of identification between adult and paediatric Thomas Tube Holder versions.
- Larger opening allows for fast adjustment or removal of the Thomas Tube Holder.
- Quick-set screw system securely holds tubes in place and facilitates fast, easy adjustment or removal of the Thomas Tube Holder.
- Larger access opening to allow for ease of suctioning and visual inspection of mouth.
- Slide stick facilitates fast, efficient application of the head strap around the patient's neck without movement of the head.

600-30000 Thomas Tube Holder Adult, Green (each)
600-10000 Thomas Tube Holder Adult (each)
600-20000 Thomas Tube Holder Paediatric (each)

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
The 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.

Visit [www.laerdal.com.au/LSU](http://www.laerdal.com.au/LSU) or [www.laerdal.co.nz/LSU](http://www.laerdal.co.nz/LSU) to learn more about all of the features and benefits of the LSU.

Easy-To-Understand Graphic User Interface

- High Vacuum/High Flow Statement (ISO 10079)
- Device Test Button
- Vacuum Indicator
- Power On Indicator
- External Power Indicator
- Failure Mode Indicator
- Battery Status Indicator
- Vacuum Settings (0-500+ mmHg)

Light blue (left): Tracheal
Darker blue (right): Oropharyngeal

User-friendly storage of patient tubing.

Visit [www.laerdal.com.au/LSU](http://www.laerdal.com.au/LSU) or [www.laerdal.co.nz/LSU](http://www.laerdal.co.nz/LSU) to learn more about all of the features and benefits of the LSU.

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Online ordering now available for Australia and New Zealand visit website for details.

Laerdal Compact Suction Unit™ 3 (300 ml)
LCSU™ 3 300 ml is always ready to assist you in providing quality suctioning to a patient because its small size of 1.53 kg and shape enables you to carry it in your airway bag to every call.

Its unique 300 ml canister system coupled with a variable vacuum regulator and LED display gives you the power and control you need to quickly clear a blocked airway.

Compact:
- Size: 18 cm x 26.7 cm x 7.4 cm
- Weight: 1.53 kg
- Capacity: 300 ml (disposable canister)

Powerful:
- Vacuum regulator 50-550 mmHg
- Airflow: 27 lpm typical (free flow) meets international standard ISO-10079
- Field Changeable High-Capacity NiMH Battery lasting up to one hour at free flow
- AC or DC Power options

Reliable:
- Two-year warranty
- Bacterial filter
- Vacuum indicator LED display with a low-battery and charging indicator
- Approx. 5 hours charging time
- External Battery Charger available to facilitate battery rotation

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz
Accessories for LCSU™ 3 – 300 ml

Big on suction but small in size, the Laerdal Compact Suction Unit™ 3 exceeds International Standards, yet is one of the smallest battery-powered units on the market today! Its unique 2-year limited warranty and bacterial filter make it a little wonder!

88006005 Carry Bag with Hand Strap
88007004 External Battery Charger
88007005 High-Capacity Rechargeable Battery 12 V DC NiMH
88007006 Tethered Plug
88007007 Replacement Battery Door

Consumables

88005002 Unit Connection Elbow
884903 6' (1.8 m) Patient Tubing (1 each)
884904 90 degree Canister Connection Elbow (1 each)
886010 300 ml Disposable Canister Pack (pkg. 10) (includes Canister, Filter, and Patient Tubing)

V-VAC™ Manual Suction Unit

Get a good grip on handling even the toughest suction situations 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!

V-VAC Starter Kit
- Handle
- 2 Replacement Cartridges
- Short Suction Catheter w/Adapter Tip
- Double Male Connector
- Directions for Use

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

V-VAC Training Kit for Patient Use (shown above)
- Handle, 2 Replacement Cartridges, Short Suction Catheter w/Adapter Tip, Double Male Connector, and Directions for Use.

The soft tip of the intake valve has deep cutouts to help prevent tube occlusion and soft tissue injury when the tip is held against the back of the throat. The tri-cut valve resists back flow of suctioned matter.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Stifneck® Select™ Extrication Collar

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

All the adult Stifneck sizes 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 immobilisation you expect from Stifneck collars.

- 980010 Stifneck Select Collar
- 980012 Stifneck Select Collar, Green
- 980016 Stifneck Select/Headbed II 410 Combo Pack (1 of each)

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. Latches are clearly marked and easy to identify.

Also Available in GREEN!

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.

- 980020 Stifneck Pedi-Select Collar

All Laerdal extrication collars are latex-free.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Stifneck® Extrication Collars

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 collar that gets rave peer reviews now has molded-in hook fasteners!

- 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

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.

Sofnek 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

Stifneck Pedi-Select™ 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.

- 980020 Stifneck Pedi-Select Collar

All Laerdal extrication collars are latex-free.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
**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. The contour also offers patients more comfort, making it less likely that they would move around and aggravate their injuries.

982500 BaXstrap Spineboard
982600 BaXstrap Spineboard, Green
982599 Private Label BaXstrap Spineboard*
982699 Private Label BaXstrap Spineboard, Green*

*Symbols and characters additional. Please allow 8–12 weeks lead time for these versions.

---

**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.

701-0040 Laerdal Pedi-Pad Backboard Pad (pkg. 6)

---

**SpeedBlocks® Head Immobiliser**

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

SpeedBlocks offers a simple, four-step process for application, a unique, multi-axis blocks system to accommodate all head shapes and 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 may be eliminated.

---

**Laerdal® Spineboard Straps**

Straps are two-piece, totaling 5 ft in length, with Dual Side Release DELRIN Buckles.

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

---

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
HeadBed® II Head Immobiliser

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

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

982000  HeadBed II Immobiliser

PadPack™ Alignment Pads

In most cases, padding is necessary to maintain the cervical spine in neutral alignment during immobilisation. 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)

“Issues in Spinal Care”

Training Curriculum CD 2005 Edition

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, aquatic, 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 contact your local Laerdal Representative.

Spinal System Solution Sets

981000  Immobilisation Package with loop-lock end straps - Includes BaXstrap Spineboard, Adult Stifneck Select, SpeedBlocks Starter Pack and 4 loop-lock end straps

981100  Immobilisation Package with swivel speed clip end straps - Includes BaXstrap Spineboard, Adult Stifneck Select, SpeedBlocks Starter Pack and 4 swivel speed clip end straps.
Quality CPR Improving Survival

Efficient skills improvement

Traditional CPR training can be expensive, time consuming, and logistically challenging. Self-directed learning with Q-CPR feedback helps rescuers learn quality CPR fast, inexpensively, and without logistical challenges. Through short and frequent refresher training, rescuers can maintain their CPR skills at the highest level.1

Instant “on-the-job” refresher

Studies show that rescuers’ CPR skills decrease quickly following traditional CPR courses2, 3, 4. Yet rescuers are expected to provide consistently high-quality CPR whenever they are faced with sudden cardiac arrest patients.

Q-CPR feedback provides instant “on-the-job” refresher, which helps reverse the rescuers’ CPR skills decay and helps ensure that every patient receives the quality CPR that they deserve.

Tailored patient therapy

Guidelines recommend compressing the patient’s chest at least 40.64-50.8 mm. This in itself is hard to judge by rescuers, and made even harder because the required compression force on an individual patient’s chest varies greatly. In fact, Tomlinson et al. (2007) showed that patients’ chests require a compression force ranging from 22.21-1 pounds-force to reach the minimum compression depth.5

Q-CPR feedback provides tailored patient therapy by guiding rescuers to deliver correct compression depth and force in order to meet Guideline recommendations.

Quality assurance & continuous quality improvement

Recorded CPR data from training and therapy events facilitate quality assurance and continuous quality improvement. Medical directors and training personnel can evaluate the actual CPR quality given and provide targeted need-based training.

Debriefing is a key factor for successful simulation-based training, as people learn from reflections. With Q-CPR evaluation tools, debriefing is now possible also for CPR rescuers. Edison et al. (2008) found that by adding debriefing to CPR feedback for in-hospital therapy, initial sudden cardiac arrest survival rates (ROSC) increased from 45% to 60%6.

Without early CPR, the probability of survival reduces by 7%-10% per minute.7 When bystander CPR is delivered, the patient stands a better chance as reduction in probability for survival is only 3%-4% per minute. Overall, bystander CPR increases survival 2-3 times compared to no bystander CPR.9, 10

In 2005, international landmark studies showed that the quality of CPR delivered by even healthcare professionals was poor.11, 12 By providing quality CPR research indicates survival rates can increase four times, compared to poor CPR.12, 13, 14, 15

Survival rates from sudden cardiac arrest have been virtually unchanged for the past 25 years. However recent studies from EMS systems in Wisconsin16, Seattle17, Kansas City18, and Arizona19 in the U.S. report significant increases in survival rates.

To improve survival rates, best practice suggests:

• Systematically measuring and documenting BLS and ALS performance
• Running post-event team debriefs
• Undertaking systematic evaluations of what actions had a positive impact on survival

6 Edison BP. et al. (2008), “Improving in-hospital cardiac arrest process and outcomes with performance debriefing.” Archives of Internal Medicine, 168 (10), 1063-1069

Why it matters

Without CPR following sudden cardiac arrest, the probability of survival reduces by 7%-10% per minute.7 When bystander CPR is delivered, the patient stands a better chance as reduction in probability for survival is only 3%-4% per minute. Overall, bystander CPR increases survival 2-3 times compared to no bystander CPR.9, 10

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To improve survival rates, best practice suggests:

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• Undertaking systematic evaluations of what actions had a positive impact on survival
HeartStart® MRx Defibrillator with Q-CPR® Technology

Philips’ application for improved outcomes

Philips HeartStart MRx with Laerdal Q-CPR provides professional emergency responders with a unique monitoring, feedback, and defibrillation technology, thereby ensuring optimal resuscitation is performed contributing to better patient outcomes. The self-explanatory interface allows for rapid evaluation and immediate rescuer intervention.

Options:
- Q-CPR – CPR monitoring and feedback technology
- Multifunction Electrodes or Paddles (adult and paediatric combined)
- 12-lead ECG with interpretation
- Pacing
- SpO2 - Pulse Oximetry
- NIBP - Noninvasive Blood Pressure
- etCO2 - Capnography
- 50 mm or 75 mm Printer
- Wireless data transmission of 12-lead
- Data management solutions

The Philips HeartStart® MRx is...

Feature packed and lightweight
Superior monitoring parameters, proven therapies, rugged, reliable, and ready for use at 6.3 kg (13.9 lb)

The best prehospital monitor/defibrillator
Large 8.4” color 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 Joules in approximately three seconds. Five hours of operation time, with all monitoring parameters running on one battery. Ten hours of operation time with two batteries installed.

Q-CPR® “Review” Evaluation Technology

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

Evaluation of CPR performance during therapy and training is essential 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, other treatment, mortalities, and recorded audio from HeartStart MRx defibrillator with the Q-CPR feature.
**HeartStart® First Aid Defibrillator**

Now everyone can help save a life

HeartStart First Aid is an affordable first aid defibrillator intended to be placed wherever it may take more than five minutes for an ambulance to arrive. With the HeartStart First Aid defibrillator anybody can help save a life with minimal training.

Always ready - virtually maintenance free.
HeartStart First Aid has a long-life battery: 4 years in standby.
Daily self-tests check pads, battery and the electrical components.
Green “Ready” light means the HeartStart is ready for use.
A warning beep will sound when battery or pads need to be replaced or the unit needs other service.

Easy to use
A defibrillator so simple to operate that a responder with minimal training can save the life of a co-worker, friend or member of the public. The HeartStart First Aid guides the user through each step of defibrillation, including CPR Coaching.
Integrated SMART Pads placed on the victim’s bare skin ensure that the defibrillator adapts to the user’s actions every step of the way.

Safe, effective and fast
HeartStart First Aid includes proven Philips technologies for heart rhythm assessment (SMART Analysis) and defibrillation energy delivery (SMART Biphasic). Like all HeartStart Defibrillators, the First Aid can be used to treat infants and children as well as adults.

With patented Quick Shock, HeartStart defibrillators are the fastest in their class at delivering a shock after CPR.

**HeartStart® First Aid Ordering Information**

Please contact an authorised Laerdal distributor to order a HeartStart First Aid, see page 153.

- M5066AABU: HeartStart Defibrillator First Aid
  - Includes: Defibrillator, User Guide, Battery Pack, Electrodes (1 pair) and slimline carry case.

- M5070A: Battery for HeartStart First Aid and FRx
  - Lithium manganese dioxide battery, 9VDC, 4.2 Ah
  - Capacity: Minimum 200 shocks or 4 hours of operating time.
  - Minimum 10 hours of use in training mode
  - Shelf life: Minimum of 5 years (prior to insertion).
  - Stand by life: Typical 4 years (after insertion).

- M5071A: Adult SMART Pads Cartridge
- M5072A: Infant/Child SMART Pads Cartridge
- M5073A: Adult Training Pads Cartridge
- M5074A: Infant/Child Training Pads Cartridge

- M5076A: Carry Case First Aid Slim type
  - Carry Case for First Aid and FRx
  - Waterproof hard plastic

HeartStart Wall Boxes, see page 125
Software for Case Review and Configuration, see page 126-127
AED Training solutions, see page 128-131

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz
HeartStart® FRx

For those who get there first

The HeartStart FRx is an easy to use, rugged and reliable AED for those who get there first. It combines proven technology with ease of use, ruggedness and preparedness.

Easy to use

The HeartStart FRx has the same ease of use as the HeartStart First Aid, with clear voice instructions for operation and CPR.

Rugged

The HeartStart FRx defibrillator is exceptionally rugged. It is designed to work and be stored in harsh environments such as sea vessels, industrial areas and vehicles.

HeartStart FRx has a long-life battery: 4 years in standby. Daily self-tests check pads, battery and the electrical components. Green “Ready” light means the HeartStart is ready for use. A warning beep will sound when battery or pads need to be replaced or if the unit needs service.

Reliable and Fast.

HeartStart FRx includes proven Philips technologies for heart rhythm assessment (SMART Analysis) and defibrillation energy delivery (SMART Biphasic). With patented Quick Shock, HeartStart defibrillators are the fastest in their class at delivering a shock after CPR.

Survival is closely linked to the speed of shock delivery after CPR

Chance of Survival

Preconnected Smart II Pads

One size for all patients, adults and children.

Pads included in self test.

CPR coaching available at the push of a button “I”.

Infant/Child Key

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

HeartStart FRx Ordering Information

HeartStart® FRx Ordering Information

Please contact an authorised Laerdal distributor to order a HeartStart FRx, see page 153.

861304ABU
HeartStart FRx Defibrillator
Includes: Defibrillator, 1 Battery Pack, Electrodes (1 pair) and carry case

M5070A
Battery for HeartStart First Aid and FRx
9898 031 39301
Aviation Battery for FRx (Complies with TSO C-142)
Capacity: Minimum 200 shocks or 4 hours of operating time, Minimum 10 hours of use in training mode
Shell life: Minimum of 5 years (prior to insertion), Stand by life: Typical 4 years (after insertion)

9898 031 39261
SMART Pads II (1 pair)

9898 031 39271
Training Pads II (1 pair)

9898 031 39311
Infant / Child Key

941360
Carry Case HeartStart FRx

YC
Carry Case for FRx and First Aid
Waterproof hard plastic

HeartStart Wall Boxes, see page 125
Software for Case Review and Configuration, see page 126-127
AED Training solutions, see page 128-131

For more information on these and other Laerdal products, visit www laerdal com au or www laerdal co nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
HeartStart® FR3
First of its kind, 3-in-1 design

New product, tailored for EMS, with exciting new features combined with proven AED technology.

1 Deliver fast, effective therapy
   - Fast Therapy. With automatic turn on when case is opened, and pre-connected SMART Pads III without foil pouch, the patient can be connected and therapy can be delivered with record speed.
   - SMART CPR evaluates the patient’s heart rhythm and advises whether to initially treat shockable rhythms with a shock, or with CPR immediately followed by a shock.
   - Quick Shock. Survival is closely linked to the speed of shock delivery after CPR. HeartStart FR3 can deliver a shock in less than 8 seconds.

2 Help ensure high quality CPR
   CPR meter offers CPR feedback and guidance on protocol, to help improve CPR quality

3 Manage data, configure, and upgrade with extensive flexibility.
   Bluetooth data transmission makes retrieval of episode data, device configuration and clock synchronisation simple and effective.

Available Mid 2011

HeartStart FR3 Basic. Includes one battery and one set of pads
861388  HeartStart FR3 Basic Text
861389  HeartStart FR3 Basic with ECG

HeartStart FR3 System. Includes one battery and one set of pads, system case, CPR meter and data card
861392  HeartStart FR3 System Text
861393  HeartStart FR3 System with ECG

9898 031 49981  SMART Pads III, 1 set
9898 031 49991  SMART Pads III, 5 sets
9898 031 50181  FR3 Training Pads, 1 set
9898 031 50191  FR3 Training Battery, LiIon
9898 031 50211  FR3 System Case
9898 031 50241  FR3 Rechargeable Battery, LiIon
9898 031 50031  FR3 Infant/Child Key
9898 031 50051  FR3 ECG monitoring cable
9898 031 49941  CPR Meter for HeartStart FR3
801-10102  CPR Meter Patient adhesive, 3 pack
9898 031 49951  FR3 - CPR Meter Cable
9898 031 50251  FR3 Fast Response Kit. Contains PocketMask, disposable razor, 2 pair of gloves, scissors and wipes
9898 031 57531  FR3 System Case
9898 031 50211  FR3 Case bottom insert
9898 031 50061  FR3 Data Card
9898 031 50081  FR3 Bluetooth Transceiver
9898 031 50101  FR3 Language SD card

*All information correct at time of printing. Accessories and codes subject to change.
# HeartStart® FR2+ Accessories

The HeartStart FR2+ defibrillator has been replaced by HeartStart FR3.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP2</td>
<td>Defibrillation Pads Adult 2 pair</td>
<td></td>
</tr>
<tr>
<td>DP6</td>
<td>Defibrillation Pads Adult 6 pair</td>
<td></td>
</tr>
<tr>
<td>M3713A</td>
<td>Defibrillation Pads Adult 10 pair</td>
<td></td>
</tr>
<tr>
<td>M3870A</td>
<td>Defibrillation Pads Infant/Child Energy is reduced to 50 J</td>
<td></td>
</tr>
<tr>
<td>07-10900</td>
<td>Training Pads, 1 pair</td>
<td></td>
</tr>
<tr>
<td>M3871A</td>
<td>Training Pads Infant/Child, 1 pair</td>
<td></td>
</tr>
<tr>
<td>05-10200</td>
<td>Adapter to Philips barrel connector</td>
<td></td>
</tr>
<tr>
<td>05-10000</td>
<td>Adapter to Physio Control Quick Combo connector</td>
<td></td>
</tr>
<tr>
<td>05-10100</td>
<td>Adapter to Zoll connector</td>
<td></td>
</tr>
<tr>
<td>M3874A</td>
<td>FR2+ECG Assessment Module. Requires FR2+ with ECG in the display.</td>
<td></td>
</tr>
<tr>
<td>M3863A</td>
<td>Standard Battery for HeartStart FR2 and FR2+</td>
<td></td>
</tr>
<tr>
<td>989803136291</td>
<td>Aviation Battery for FR2 (Complies with TSO C-142)</td>
<td>Lithium manganese dioxide battery, 12VDC, 4.2 Ah</td>
</tr>
<tr>
<td>Capacity:</td>
<td>Minimum 300 shocks or 12 hours of operating time</td>
<td></td>
</tr>
<tr>
<td>Shelf life:</td>
<td>Minimum of 5 years (prior to insertion)</td>
<td></td>
</tr>
<tr>
<td>Stand by life:</td>
<td>Typical 4 years (after insertion)</td>
<td></td>
</tr>
<tr>
<td>M3846A</td>
<td>Rechargeable battery for FR2+ (HeartStart FR2+ only; not FR2) Lithium Ion battery, 12VDC, 4.2 Ah</td>
<td></td>
</tr>
<tr>
<td>Capacity:</td>
<td>Minimum 100 shocks or 5 hours of operating time</td>
<td></td>
</tr>
<tr>
<td>M3849A</td>
<td>Charger for M3848A Rechargeable Battery</td>
<td></td>
</tr>
<tr>
<td>M3854A</td>
<td>Datacard and tray</td>
<td></td>
</tr>
<tr>
<td>M3853A</td>
<td>Datacard tray only</td>
<td></td>
</tr>
<tr>
<td>941310</td>
<td>Carry Case (Semi-rigid)</td>
<td></td>
</tr>
<tr>
<td>941308</td>
<td>Softpack, Army Green</td>
<td></td>
</tr>
<tr>
<td>941309</td>
<td>Softpack, Yellow, flame retardant material</td>
<td></td>
</tr>
<tr>
<td>941311</td>
<td>Carry Case for FR2 Waterproof</td>
<td></td>
</tr>
<tr>
<td>M3864A</td>
<td>Training &amp; Administrative Pack M3855A Charger for Training &amp; Admin. Pack</td>
<td></td>
</tr>
</tbody>
</table>

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## Brackets and Cabinets for HeartStart AEDs

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>941343</td>
<td>HeartStart Wall Box with alarm</td>
<td>Has room for a HeartStart AED with or without carry case. Battery operated alarm with sound and light when door is opened. Material: Plastic. Size: 48 x 37 x 17 cm</td>
</tr>
<tr>
<td>9898 031 36531</td>
<td>Basic AED Cabinet</td>
<td>Has room for a HeartStart AED with or without carry case. Battery operated alarm with sound when door is opened. Material: Steel. Size: 42 x 38 x 15,5 cm</td>
</tr>
<tr>
<td>PFE7024D</td>
<td>Premium AED Cabinet</td>
<td>Has room for a HeartStart AED with or without carry case and additional medical supplies such as oxygen. Battery operated alarm with sound and light when door is opened. Material: Steel. Size: 41 x 57 x 15,5 cm</td>
</tr>
<tr>
<td>941314</td>
<td>Bracket for AED</td>
<td>Intended to house a HeartStart AED in its carry case. Possibility to install pad-lock. Material: Steel. Size: 25 x 29 x 13,5 cm</td>
</tr>
<tr>
<td>M3857A</td>
<td>Wall Mount Bracket</td>
<td>Intended to house a HeartStart AED in its carry case. The defibrillator’s carry case can be tethered to the Wall Mount Bracket with a breakaway Secure Pull Seal (M3859A), to discourage tampering. Material: Steel. Size: 27 x 20,5 x 12,6 cm</td>
</tr>
<tr>
<td>M3859A</td>
<td>Secure Pull Seal for Wall Mount 10 pack</td>
<td></td>
</tr>
<tr>
<td>M3858A</td>
<td>AED Wall Sign</td>
<td></td>
</tr>
</tbody>
</table>
HeartStart Event Review
M3834A Single user license
9898 031 41811 Site License
HeartStart Event Review is an application for electronically managing the case
data recorded by the defibrillator. It allows you to add case details by adding
notes and completing basic data entry screens.
- Download ECG data from card or IR port
- Save episode to database
- Save episode to file
- View and print the ECG and Event log
- E-mail it to a central data manager or medical director
- Erase data card or defibrillator’s internal memory
- Device Configuration First Aid and FRx via IR
- Self-Test Reports FR2, First Aid, FRx
Supports HeartStart FR, 4000, XL, FR2, First Aid, FRx and MRx
Available in English, French, German, Spanish, Italian, and Japanese.

Event Review Pro
861431 Single license
861431-A03 Site-wide license
Same as Event Review with the addition of the following features:
- Additional incident/patient/responder detail fields
- Show all waveforms from HeartStart MRx, including CO2, BIP and CPR waveforms
- Show Q-CPR waveforms and generate Q-CPR statistics
  for HeartStart MRx and HeartStart FR3.
- Utstein style reporting
- View and print MRx 12 lead reports
- Network to central database
Supports HeartStart FR, 4000, XL, FR2, HSI, FRx and MRx
Available in English, French, German, Spanish, Italian, and Japanese.

HeartStart Configure
9898 031 43041 Single License
HeartStart Configure allows review and change of the configuration
of HeartStart FRx and First Aid defibrillators using a PACS palmOne™
or Windows Mobile. Supports HeartStart First Aid and FRx
Available in English, French, German, Spanish, Italian, and Japanese.

HeartStart 12 Lead Transfer Station
9898 031 42521 Single License
HeartStart 12-Lead Transfer Station software, installed on an Internet-connected
server, allows you to forward a 12-lead ECG report taken in the field from your
HeartStart MRx monitor/defibrillator to the receiving hospital.
- Forward a 12-lead ECG to any hospital or EMS control office
  you choose.
- Automatically or manually send 12-lead reports to one or more
  printers or fax machines and TraceMaster ECG Management System.
- Display the 12-lead report on a computer display and archive it
  in a database.
- Forward an ECG from one HeartStart 12-Lead Transfer Station
  to another.

Q-CPR Review
Free download from www.laerdal.com or www.laerdal.co.nz
Software for reviewing the CPR data from HeartStart MRx
- View and print compressions, ventilations, CO2, and ECG waveforms.
- View research waveforms (acceleration, force and impedance).
- Add annotations
- Replay MRx audio
- Generate CPR statistics

The Quality Circle (see pages 92-93)
# AED Training Selection Chart

## Training with AEDs on CPR-D manikins

<table>
<thead>
<tr>
<th>AED in use</th>
<th>Electrodes and / or adapters to be used</th>
<th>Manikin to be used</th>
</tr>
</thead>
<tbody>
<tr>
<td>HeartStart FRx</td>
<td>945004 Manikin Electrode Adapter</td>
<td>Any Laerdal manikin with defibrillation capability.</td>
</tr>
</tbody>
</table>
| HeartStart FR2 | Training Pads MS073A Adult MS074A Pads | - Little Anne
- Little Junior
- Resusci Anne
- Resusci Baby
- Megacode Kid, Kelly
- ALS Baby
- Resusci Anne Simulator
- ALS Simulator
- SimMan, SimBaby |

## Training with the AEDs in training mode.

<table>
<thead>
<tr>
<th>HeartStart First Aid</th>
<th>HeartStart FRx</th>
<th>HeartStart FR2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training Pads 989803139271</td>
<td>Training battery M3864A</td>
<td>Training Pads 07-10900 Adult M3871A Pads</td>
</tr>
</tbody>
</table>

## Training with AED Trainer

<table>
<thead>
<tr>
<th>Training battery M3864A</th>
<th>Training Pads MS073A Adult MS074A Pads</th>
<th>Training battery M3864A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training Pads 989803139271</td>
<td>Use Infant/Child-key for paediatric.</td>
<td>Use Infant/Child-key for paediatric.</td>
</tr>
</tbody>
</table>

*Only Little Anne and Resusci Anne can be used with internal adapters MS088A.

## Training with AED Trainer 2

<table>
<thead>
<tr>
<th>Laerdal LINK Pads 945090</th>
<th>Training battery M3864A</th>
</tr>
</thead>
<tbody>
<tr>
<td>94005033 AED Trainer 2</td>
<td>Training Pads MS073A Adult MS074A Pads</td>
</tr>
</tbody>
</table>

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
HeartStart® FRx Trainer

A realistic training partner to the 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, including CPR instructions, identical to the ones given by the real HeartStart FRx AED.

Eight easily selectable Guidelines 2005 compatible scenarios provides versatile and realistic training.

Multiple use training pads gives realistic feedback when used on a manikin with either internal or external manikin adapters.

The same training pads can be used with the HeartStart FRx AED.

Use Infant/Child key to activate Infant/Child mode.

The trainer is powered by 4 AA-size batteries (not included).

HeartStart® Trainer

An affordable, safe and effective tool for AED training.

The HeartStart Trainer simulates how the HeartStart First Aid will operate during a real-life sudden cardiac arrest event.

Clear, confident voice instructions provide easy-to-follow directions, including CPR instructions, identical to the ones given by the real First Aid AED.

Eight easily selectable Guidelines 2005 compatible scenarios provides versatile and realistic training.

Multiple use adult or child training pads gives realistic feedback when used on a manikin with either internal or external manikin adapters.

The same training pads can be used with the HeartStart First Aid AED.

The trainer is powered by 4 AA-size batteries (not included).

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)
989803139311 Infant/Child Key
M5089A External Manikin Adapter, 5 pack
M5088A Internal manikin adapters. Self adhesive patches to be placed on the inside of a Little Anne or Resusci Anne manikin skin.
942510 Carry Case

Consumables

M5073A Adult training pads cartridge
M5074A Infant/child training pads cartridge
M5093A Replacement adult training pads
M5094A Replacement infant/child training pads
M5089A External manikin adapters 5 pack
M5088A Internal manikin adapters. Self adhesive patches to be placed on the inside of a Little Anne or Resusci Anne manikin skin.
942500 Carry Case

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz
Laerdal AED Trainer 2

Realistic, advanced 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.

Used together with AED Little Anne or AED Resusci Anne, (see pages 18 & 19) the AED Trainer 2 with Laerdal’s Link technology offers unique realism and response to pad placement.

The trainer has 10 easily selectable Guidelines 2005 compatible scenarios, which can be overridden and adjusted from the optional remote control.

Latest software version and computer software for configuration and custom scenarios are available as free downloads from our websites.

The trainer uses 6 C-size alkaline batteries, included.

Consumables

<table>
<thead>
<tr>
<th>Code</th>
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</thead>
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<tr>
<td>94005033</td>
<td>Laerdal AED Trainer 2 include: Trainer, Carry Case, 6 Batteries, and Standard Adult Training Pads.</td>
</tr>
<tr>
<td>945050</td>
<td>Remote Control</td>
</tr>
<tr>
<td>945055</td>
<td>Programming Kit - Contains programming cable (RS-232 serial cable) plus CD with latest software in all languages. Configuration and Scenario Builder software. The software on the CD is also available as free download from our websites.</td>
</tr>
<tr>
<td>07-10900</td>
<td>Standard Adult Training Packs</td>
</tr>
<tr>
<td>M3871A</td>
<td>Standard Paediatric Training Pads</td>
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<tr>
<td>945090</td>
<td>Laerdal LINK Training Pads - These pads are for use with AED Little Anne or AED Resusci Anne</td>
</tr>
<tr>
<td>945030</td>
<td>Carry Case AED Trainer 2</td>
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</table>

Laerdal LINK Training Manikins: AED Little Anne or AED Resusci Anne. See pages 16 and 19.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz
## Laerdal Services and Support

### Simulation

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Please visit our website for additional information regarding features, accessories, and consumables.

www.laerdal.com.au

www.laerdal.co.nz
Laerdal Services

Laerdal Services and Courseware take the guesswork out of simulation!

Total Solutions — You know the value of simulation, but aren’t sure where to begin?

Educating future healthcare providers is a huge responsibility. Your time is valuable. You want to spend time focusing on your students, not developing complex scenarios, programming a simulator, or maintaining a clinical simulation lab. Laerdal Services is your partner for consulting, education, and support. We provide training, product updates, technical service, preventive maintenance, warranty programs, and much more. Laerdal Services allows you to spend more time on what’s really important — your students.

Simulation Planning Guide and Workshop — Good planning leads to better learning and better-prepared students.

Planning your Clinical Simulation Lab can be an overwhelming process. Laerdal can help with our Simulation Planning Guide and Workshop. Whether you’re currently operating a Simulation Centre or ready to build one from the ground up, Laerdal has the complete package of expertise — products, support, consultation and training to allow you to keep your focus on teaching and preparing students to meet the challenges of today’s healthcare environment.

After firming up your goals, plans, and objectives through assistance from a Laerdal representative, and working through detailed worksheets, you will be ready for a Simulation Planning Workshop.

Educational Service Offerings — Laerdal Educational Services offers training to help with your adoption of simulation.

Courses and training opportunities are available for every skill level. Courses are designed to increase your ability to effectively operate Laerdal simulators to teach and evaluate learning objectives. Courses are tiered for basic to advanced users. Training facilities are located to meet your particular needs. Training can be held at a Laerdal nominated site or, you can have an Education Specialist come to your facility. For those who prefer a more tailored, one-on-one experience, Laerdal offers customized instruction to meet your specific needs.

Technical Support Offerings — Maintenance and support for operational confidence.

Product performance impacts your goals and objectives. Laerdal Technical Services provides the finest service and support for your program. Professionally trained Field Service Engineers are dispatched to your institution for installation, preventive maintenance, or troubleshooting to help keep your program running. Laerdal Technical Consulting Services supports the build-out and operation of your clinical simulation lab.

Installation — Expedite the start-up of your program and ensure proper use of equipment. This service provides complete system set-up and basic operations training.

Extended Warranty — Ensure peace of mind after the conclusion of our one year manufacturer’s warranty with service contracts that extend the warranty period of your manikin, simulator, or complete system. One- through four-year options are available. They cover normal wear and tear of parts needing replacement under normal training use. Please note extended warranties are not permitted for systems with lapsed warranty and they need to be purchased in combination with a Preventative Maintenance agreement.

Preventive Maintenance

• On-Site — This service is performed at your facility and includes a head to toe examination of your manikin or simulator, replacement of skins, pads and airways, inspection and cleaning of compressors, monitors and cabling. We will also provide a repair service in conjunction with the Preventative Maintenance routine for relevant products. As an added benefit repair labour time is covered by the agreement and you will only be invoiced for defective parts. A Laerdal Field Service Engineer will also ensure that computer systems are up to date and that any new software releases are installed.

ValuePlus™ Service Programs — Optimal service... value priced.

For the ultimate in product protection and savings, Laerdal has created ValuePlus Service Programs Available for SimMan®, SimMan Essential, SimMan®, SimBaby™ and SimNewB®. These programs optimise the value of your simulator. With ValuePlus Service Programs, you can be confident that your product support needs are met.

ValuePlus makes startup simple so you can concentrate on educating your students.

Courseware — You have a simulator — congratulations!

See pages 84-88 for a full listing of our Courseware solutions which include Scenarios, Patient Cases, Courses, and Curriculum.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Simulation Planning Guide and Workshop

Planning your Clinical Simulation Lab can be an overwhelming process. Through guided discussion, tailored worksheets, and your planning workshop, you will achieve simulation success!

Your Simulation Plan includes:

• Define your Simulation Strategy
• Assess Educational Needs for simulation
• Develop simulation Content and Scenarios
• Create Faculty Development plans
• Identify Facility Requirements for your lab
• Recommend the right Simulators and Courseware to meet your needs

Our goal is to help you spend your time on what’s really important — educating your learners — tomorrow’s healthcare providers.

Purpose of Planning Workshop

Bringing it all together to formulate your plan

Laerdal has helped over 400 programs around the world create sophisticated clinical simulation labs, each one based on unique and specific needs. These centres provide research opportunities, innovative and interactive learning environments, and encourage self-directed and facilitated learning experiences for students.

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
## Technical Support Offerings

<table>
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<tr>
<th>Product</th>
<th>Duration</th>
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<th>Preventive Maintenance</th>
<th>Installation Code</th>
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<tr>
<td>SimMan® 3G – 1 Year</td>
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<tr>
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<tr>
<td>ALS Simulator (All Models) – 1 Year</td>
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<tr>
<td>Prompt – Birthing Simulator</td>
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<td>376-29950</td>
<td>376-39960</td>
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<td>454-90350</td>
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</tbody>
</table>

*Extended Warranties are available for 2, 3 or 4 year periods. Call for details / pricing.

For more information on these and other Laerdal products, visit [www.laerdal.com.au](http://www.laerdal.com.au) or [www.laerdal.co.nz](http://www.laerdal.co.nz)

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
ValuePlus™ Service Programs

To protect your product investment, we offer ValuePlus Service Programs (for SimMan®, SimMan® Essential, SimMan®, SimNewB®, SimBaby™ and ALS Simulator advanced). These Laerdal ValuePlus Service Programs maximize value and provide flexibility.

When you purchase a ValuePlus Program with your new simulator, you will receive additional services such as extended warranty, and preventive maintenance. ValuePlus is available as 1-, 3-, or 5-year options.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
ValuePlus™ Service Programs – cont’d.

SimNewB Advanced ValuePlus

1-Year Service Option
- 225-VPG1  SimNewB Advanced ValuePlus Gold (1 yr.)
- 225-VPS1  SimNewB Advanced ValuePlus Silver (1 yr.)
- 225-VPB1  SimNewB Advanced ValuePlus Bronze (1 yr.)

3-Year Service Option
- 225-VPG3  SimNewB Advanced ValuePlus Gold (3 yr.)
- 225-VPS3  SimNewB Advanced ValuePlus Silver (3 yr.)

5-Year Service Option
- 225-VPG5  SimNewB Advanced ValuePlus Gold (5 yr.)
- 225-VPS5  SimNewB Advanced ValuePlus Silver (5 yr.)

ALS Simulator Advanced ValuePlus

1-Year Service Option
- 205-VPB1  ALS Simulator Advanced Bronze (1 yr.)
- 205-VPS1  ALS Simulator Advanced Silver (1 yr.)
- 205-VPG1  ALS Simulator Advanced Gold (1 yr.)

3-Year Service Option
- 205-VPS3  ALS Simulator Advanced Silver (3 yr.)
- 205-VPG3  ALS Simulator Advanced Gold (3 yr.)

5-Year Service Option
- 205-VPS5  ALS Simulator Advanced Silver (5 yr.)
- 205-VPG5  ALS Simulator Advanced Gold (5 yr.)

Educational Course Offerings

Courses are designed to increase your ability to effectively operate Laerdal simulators for teaching and evaluating learning objectives. Courses are tiered for basic to advanced users.

Introductory Training for Patient Simulators

This basic course enables participants to assemble their simulators, operate the simulator’s user interface, and plan, program, and run scenarios using an instructional design process. Participants develop two complete scenarios and receive worksheets and checklists for future scenario development.

SimMan®
- 211-90150  Intro to SimMan, On-Site - 1 Day
  A Laerdal instructor will travel to your facility and teach up to eight participants.

SimBaby™
- 245-90150  Intro to SimBaby, On-Site - 1 Day
  A Laerdal instructor will travel to your facility and teach up to eight participants.

SimNewB™
- 225-90150  Intro to SimNewB Advanced, On-Site - 1 Day
  A Laerdal instructor will travel to your facility and teach up to eight participants.

ALS Simulator Advanced
- 205-90350  Intro to ALS Simulator Advanced, On-Site - 1 Day
  A Laerdal instructor will travel to your facility and teach up to eight participants.

Please Note: Introductory training is included with every new simulator purchased.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
Refresher Courses and Advanced Training

Update Training for Patient Simulators — 1 Day
This basic refresher course reinforces fundamental skills such as programming and operation of the simulator in various modes. Participants complete one programmed scenario and receive worksheets and checklists for future scenarios. Attendees must have participated in an Introductory Training Course or have commensurate experience operating a simulator.

A Laerdal instructor will travel to your facility and teach up to eight participants.

- SimMan® 3G Update On-Site
- SimMan® Update On-Site
- SimBaby™ Update On-Site
- SimNewB™ Advanced Update On-Site
- SimNewB Standard Update On-Site
- ALS Simulator Advanced Update On-Site
- ALS Simulator Standard Update On-Site

Scenario Programming for Patient Simulators — 1 Day
This course is designed for the advanced user who seeks additional skills programming scenarios. Participants learn scenario design using the Laerdal Scenario Programming Worksheet. Emphasis is placed on programming trends and handlers. Attendees must have attended an Introductory Training Course or possess commensurate experience operating a Laerdal simulator.

A Laerdal instructor will travel to your facility and teach up to eight participants.

212-90550  Scenario Programming SimMan 3G On-Site
211-90550  Scenario Programming SimMan On-Site
245-90550  Scenario Programming SimBaby On-Site
225-90550  Scenario Programming SimNewB Advanced On-Site
205-91550  Scenario Programming ALS Simulator Standard On-Site
200-90550  Scenario Programming VitalSim™ On-Site

Teaching with Scenarios — 1 Day
Incorporate Laerdal Validated Scenario Packages and Courseware into your curriculum!

Upon completion of this workshop, participants will be able to install a Laerdal Scenario Package on a licensed PC and identify scenario learning goals and supporting material. Class time also includes identification of equipment needs, learner roles, and correct treatment parameters. The course concludes with instruction on the facilitation of a guided reflection of the simulation experience.

A Laerdal instructor will travel to your facility and teach up to eight participants.

211-91950  Teaching with Scenarios SimMan 3G On-Site
245-91950  Teaching with Scenarios SimBaby™ On-Site
212-90850  Teaching with Scenarios for SimMan® 3G On-Site
220-91950  Teaching with Scenarios for SimNewB™ Standard On-Site
225-90850  Teaching with Scenarios for SimNewB™ Advanced On-Site
200-90850  Teaching with Scenarios for VitalSim™

Custom Offerings — 1 Day

210-90450  Customised Instruction
This consultative service is ideal for groups that prefer personalised instruction at their facility. Educational Services Specialists will plan a tailored session just for you, based on the specific vision and goals of your organisation. A pre-training worksheet that you will fill out will ensure that your specific program needs are met and sustained.

For more information on these and other Laerdal products, visit www.laerdal.com.au or www.laerdal.co.nz

Call us at 1800 331 565 (AUS) or 0800 523 732 (NZ)
The Laerdal® Ordering Advantage

The extra service and support you can depend on

Visit our website:
www.laerdal.com.au (AUS)
www.laerdal.co.nz (NZ)

• Get useful and up-to-date product information
• Useful links
• Stock availability category
• Order online 24/7
• The latest product and pricing information
• Order status
• Order history
• Invoice history
• Order and shipment e-mail confirmations
• New and improved search functions
• Secure credit card ordering

To Order Direct

MAIL: Australian Office
Laerdal Pty Ltd
PO BOX 52
Oakleigh, Victoria 3166

New Zealand Office
Laerdal New Zealand Ltd
PO BOX 11952
Ellerslie, Auckland

CALL: Australia
FREE CALL: 1800 331 565
FREE FAX: 1800 635 835

New Zealand
FREE CALL: 0800 523 732
FREE FAX: 0800 528 852

EMAIL: Australia
customer.service@laerdal.com.au

New Zealand
customer.service@laerdal.co.nz

To Order from Authorised Laerdal Distributors

Visit website for list of distributors in your area or see page 149.

Helpful Hints

1. Laerdal’s Customer Service Centre is available toll-free from 9:00 AM to 5:30 Eastern Standard Time. Our 24-hour Free Fax line is 1800 635 835 in Australia and 0800 528 852 in New Zealand.
2. Please make note of the catalogue numbers and product descriptions when you call or fax us an order. This information will help us process your order and answer your questions as quickly as possible.
3. Please note the package quantities of various products and accessories when ordering.

Terms and Conditions

Payment Terms

• We gladly accept the following methods of payment: Cheques, EFT and Credit Cards (MasterCard®, Visa®).
• Organisations submitting an order for the first time, not accompanied by a cheque or being paid by credit card, must complete the credit application. Please request from customer service and this is subject to approval.
• Payment is due 30 days from invoice date unless otherwise noted on the front of the invoice.

Returns on Laerdal Products

• SATISFACTION GUARANTEED! We will gladly accept and credit the full purchase price less a restocking fee for merchandise returned and received new and salable condition, within 60 days of invoice date. Credit will be issued upon receipt and evaluation of the merchandise. It is essential that you call for an RMA (Return Material Authorisation) number prior to returning any items to ensure accurate credit to your account.

• LIMITED WARRANTY. The quality and value of all Laerdal products are supported by a limited warranty which provides assurance that the products will be free from defects in materials and workmanship. A copy of the limited warranty for any product is available for your review prior to its purchase, and may be obtained free of charge by placing a request with the Customer Solution Center. The Laerdal Global Warranty is posted on our websites.

• Report all shipping or invoice discrepancies to the Customer Solution Center within 10 days of invoice date. Product prices and specifications are subject to change without further notice.
Contact a Laerdal Representative near you

**Australia:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Territory</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graeme Foulds</td>
<td>National Sales Manager</td>
<td>0438 409 990</td>
</tr>
<tr>
<td>Tracey Beacroft</td>
<td>Central &amp; South NSW /ACT</td>
<td>0438 409 991</td>
</tr>
<tr>
<td>John McMurray</td>
<td>North NSW</td>
<td>0438 409 992</td>
</tr>
<tr>
<td>Anne Pritchard</td>
<td>South NSW /ACT</td>
<td>0438 409 131</td>
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<tr>
<td>Antoinette Peart</td>
<td>WA/SA</td>
<td>0438 409 995</td>
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<tr>
<td>Clare Scott</td>
<td>QLD/NT</td>
<td>0438 409 996</td>
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<td>Chris Werthenbach</td>
<td>QLD</td>
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<tr>
<td>Bill Thalmeier</td>
<td>VIC East/TAS</td>
<td>0418 506 154</td>
</tr>
<tr>
<td>Kelly Kiley</td>
<td>VIC West</td>
<td>0409 409 978</td>
</tr>
<tr>
<td>Tracey Beacroft</td>
<td>National Simulation Specialist</td>
<td>0438 409 991</td>
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**New Zealand:**

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<tr>
<th>Name</th>
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<tr>
<td>Philippa Walter</td>
<td>New Zealand</td>
<td>0272 424 253</td>
</tr>
<tr>
<td>Kevin Ankcorn</td>
<td>North Island</td>
<td>0272 777 621</td>
</tr>
<tr>
<td>Jude Lynch</td>
<td>South Island</td>
<td>0272 447 512</td>
</tr>
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</table>

**Customer Service numbers:**

- **Australia:**
  - Free call: 1800 331 565
  - Free fax: 1800 635 835
- **New Zealand:**
  - Free call: 0800 523 732
  - Free fax: 0800 528 852

- **New South Wales & ACT:**
  - Ebos Group: 1800 269 534
  - Parasol EMT: 1300 366 818
  - Royal Life Saving (NSW): 1300 737 763
  - St John Ambulance (ACT): 02 6282 2399
  - Surf Life Saving (NSW): 1300 766 257
- **Northern Territory:**
  - Medical Equipment Management: (08) 8945 6177
  - Royal Life Saving (NT): (08) 8981 5036
  - Surf Life Saving (NT): (08) 8985 6588
  - St John Ambulance (NT): (08) 8922 6200
- **Queensland:**
  - Alpha First Aid Supplies: (07) 3341 8033
  - Ferno Australia: (07) 3881 4999
  - Royal Life Saving (QLD): (07) 3823 2823
  - Surf Life Saving (QLD): (07) 3846 8026
  - St John Ambulance (QLD): 1300 360 455
- **South Australia:**
  - Implec (08) 8351 1455
  - Royal Life Saving (SA): (08) 8234 9244
  - Surf Life Saving (SA): (08) 8354 6900
  - St John Ambulance (SA): (08) 8306 6999
- **Tasmania:**
  - Aidacare: (03) 6229 4733
  - Royal Life Saving (TAS): (03) 6243 7558
  - Surf Life Saving (TAS): (03) 6223 5555
  - St John Ambulance (TAS): 1300 360 455

**Victoria:**

- Life Saving Victoria: (03) 9676 6900
- Medshop Australia: (03) 9484 4100
- RAPP Australia: (03) 5282 4920
- St John Ambulance: (03) 1300 360 455

**Western Australia:**

- Medical Technologies: (08) 9340 3500
- Royal Life Saving (WA): (08) 9383 8200
- Sanax Medical and First Aid Supplies: (08) 9240 2022
- Surf Life Saving (WA): (08) 9243 9444
- St John Ambulance (WA): (08) 9334 1222

**New Zealand:**

- **St. John:**
  - On 0800 FIRST AID or 0800 347 782
  - Or email enquiries@stjohn.org.nz

For more information on these and other Laerdal products, visit [www.laerdal.com.au](http://www.laerdal.com.au) or [www.laerdal.co.nz](http://www.laerdal.co.nz)
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Circle of Learning

The Chain of Survival

is generally accepted as a description of the timely events and treatment it takes for victims to survive unexpected cardiac arrest.

The Utstein Formula of Survival*

identifies three main factors which predict the strength of any local Chain of Survival, expressing its potential for successful resuscitation outcome.

For 50 years, Laerdal has been challenged by a desire to increase educational efficiency in resuscitation at all levels. In 1960 we introduced Resuscitation to facilitate learning mouth-to-mouth resuscitation by anyone, anywhere. Having built a wide and versatile product range over the many years, we are today partnering with many medical communities to improve proficiency at different levels of healthcare personnel competencies through the use of advanced simulators.


Circle of Learning

describes and acknowledges that the pathway to recognised competence in resuscitation has five cyclical steps. Laerdal offers preferred product solutions that support educational achievement each step of the way.