A realistic, full-body adult, patient simulator, SimMan® 3G has advanced clinical functionality to teach critical skills. Wireless, self-contained, rugged, and reliable, SimMan 3G helps you meet the critical need for flexible training solutions.

Manage SimMan 3G and all other Laerdal PC operated simulators with the LLEAP unified software platform. This means you will find scenarios, conduct simulation training, and develop new scenarios to help meet your learning objectives with greater ease.
Why simulation?
Simulation provides the opportunity to train staff without risk to patients. The ability to frequently practice and manage complex medical scenarios helps to prevent medical errors, while detailed feedback promotes discussion and reinforces the learning process.

Achieving quality patient care
Delivering high quality simulation experiences requires training to take place at the right time and place, and requires the most appropriate equipment. In order to meet new challenges and facilitate the growing demand for instu and multidisciplinary training, the need for flexible training solutions are critical.

Making Simulation Easier

A Complete mobile 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 combat environment. Completely wireless, self-contained, rugged and reliable, SimMan 3G helps you achieve the optimal training environment with the most realistic outcome possible.

The Name you Know, the Quality you Trust
For over 50 years, Laerdal has taken great pride in the quality of the products and services we offer. Because we believe in continuous improvement, SimMan 3G has received significant enhancements since its launch in 2009, which have improved the overall performance of the product. It is our number one priority to provide customers with the quality of products upon which we have built our reputation. Since the first SimMan 3G was manufactured, more than 4,000 have been produced for learners all over the world. This experience has helped Laerdal to evolve the 3G system to the multifunctional and trusted platform that it is today. Recent enhancements include:

- Compressor
  Quieter operation with longer running time. Better temperature tolerances- use in scenarios while covered with a blanket

- Integrated PC
  New software and computer systems offering better speeds and reliability

- Flowmeter
  More precise measurements with less resistance to injections/infusions

- New Clothing
  Integrated sets on a durable jacket and denium jeans, plus a wig and a gown add realism to simulation

- Eye Blender
  Increased stability and optimal pupil response

- Right Leg
  Automatic fluid filling and draining for ease of use

- Wi-Fi Router
  Improved stability of connection

- USB Headset
  Better quality communication allows instructor to hear the communication around the manikin in the scenario

- LLEAP- Laerdal Learning Application
  LLEAP software unifies the control of all PC-operated Laerdal simulators. LLEAP brings simplicity to running simulation training and efficiencies to the management and development of scenarios
Success is in the details

At Laerdal, we believe that simulation training for Healthcare Professionals is pivotal in our common goal to improve patient outcomes.

Multiple airway skills/features
- Controllable supine/closed airway automatically or manually controlled
- Head HK/Chin/VP
- Jaw thrust via/illuminated jaw
- Suctioning (Oral & Nasopharynx)
- Bag-mask ventilation
- Orotracheal intubation
- Distal tracheal intubation
- Nasotracheal intubation
- Cricothyrotomy/IMA, and other airway placement
- Endotracheal tube intubation
- Retrograde intubation
- Fiberoptic intubation
- Transtracheal jet ventilation
- Needle cricothyrotomy
- Surgical tracheostomy
- Variable lung compliance – 4 settings
- Right main stem intubation
- Stomach distention
- Respiratory simulations

Airway Complications
- Detection of proper head position
- Can’t intubate/Ca n ventilate
- Can’t intubate/Ca n ventilate
- Tongue edema
- Pharyngeal swelling
- Laryngeal edema
- Decreased vertical range of motion
- Trismus

Pharmacology
- Automatic Drug Recognition System identifies drug & dose
- Extensive drug formulary
- Automatic or programmable physiological responses

Vascular access
- IV access (right arm)
- Intravenous access (left)
- Automatic Drug Recognition System

CPR
- Compliant with current guidelines
- CPR compressions generate palpable pulses, blood pressure wave form, and ECG artifacts
- Realistic compression depth and resistance
- Detection of depth, release and frequency of compressions
- Real-time feedback on quality of CPR

Circulation features
- BP measured manually by auscultation of Korotkoff sounds
- Carotid, femoral, radial, dorsalis pedis, posterior tibial and posterior tibial pulses synchronized with ECG
- Pulse strength variable with BP
- Pulse palpation is detected & logged

Breathing Complications:
- Cyanosis
- Needle thoracocentesis – bi-lateral
- Unilateral & Bilateral chest movement
- Unilateral, Bilateral & lobar breath sounds
- Chest tube insertion – bilateral

Breathing features
- Simulated spontaneous breathing
- Bilateral and unilateral chest rise and fall
- CO2 exhalation
- Normal and abnormal breath sounds – 5 anterior auscultation sites
- Carotid, femoral, radial, dorsalis pedis, posterior tibial and posterior tibial pulses synchronized with ECG

Endotracheal tube intubation
- Oxygen saturation and waveform

Cardiac features
- EKG library
- Heart sounds – four anterior locations
- ECG rhythm monitoring (4 wire)
- 12 lead ECG display
- Defibrillation and cardioversion
- Fainting

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Creating An Environment For Success

From the simulation novice to sophisticated developers, SimCenter has the tools and services to help every user realize their full potential. Visit Laerdal.com/SimCenter to learn how to optimize your simulation training using SimCenter and SimMan 3G.

Standardized scenarios for SimMan 3G from SimStore™ offer expert authored, validated content that help to boost your productivity while ensuring consistent educational experiences for your learners. We’ve partnered with leading associations and industry experts to create a rich content library that has thousands of products available and continues to grow every day.

Creating An Environment For Success

SimManager™ improves the effectiveness and efficiency of simulation and training programs by managing and streamlining their operations and educational initiatives. Calendar activities, create assignments, and watch how SimManager reports on all aspects of simulation center activity and utilization.

Creating An Environment For Success

SimView™ is an integrated debriefing solution that captures and records audio and video of simulation and other learning activities. Each simulation action can be recorded, studied, replayed and logged to give you and learners every opportunity to evaluate each learning experience completely.

Creating An Environment For Success

ValuePlus™ Service Programs

For the ultimate in product protection, we have created ValuePlus Service Programs. Laerdal ValuePlus Service Programs are designed to maximize customer value while providing the needed flexibility. When you purchase a ValuePlus Service Program with your new simulator, you will receive additional services such as extended warranty, preventative maintenance, and loaner equipment. ValuePlus is available as 2, 3, or 5-year options.

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

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<th>SERVICE PACKAGE DETAILS for:</th>
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Laerdal Services... supporting you all the way

Whether you are educating future healthcare providers or refreshing the skills of existing healthcare professionals, your time is valuable. We understand that you want to spend less time on developing complex scenarios, programming a simulator, maintaining equipment and troubleshooting, and spend time on what really matters — your students.

The Laerdal Services portfolio is both extensive and comprehensive in anticipation of these needs. From demonstrating the unique benefits of simulation to guiding you through your equipment choices, from taking the product out of the box to routinely checking that it maintains peak performance, from understanding your learning objectives to helping you build appropriate teaching scenarios - Laerdal Services will take your training programmes step by step along the road to success.

Please speak to your local Laerdal sales representative for full details about the following services.

Introduction Course
On completion of this two day course, participants will be able to prepare and operate the simulator using LLEAP as well as modify and run scenarios using an instructional design process.

Teaching with Scenarios
Class time includes a review of scenario learning goals and supporting material, identification of equipment needs, learner roles, correct treatment parameters, and instruction on the facilitation of a guided reflection of the simulation experience.

Customized Instruction
This consultative service is ideal for groups that prefer instruction at their facility. Educational Services Specialists will plan a tailored session just for you, based on the specific vision and goals of your organization.
Laerdal has been at the cutting edge of innovative healthcare training since the launch of Resusci Anne® in 1960.

Today, this extensive experience comes to the fore with the addition of SimMan® 3G into our comprehensive range of patient simulators. Through the creation of high quality simulation solutions, we are committed to increasing the potential and scope of this most valued training methodology in support of our long held mission - helping save lives.

www.laerdal.com