



Laerdal®
helping save lives



Educationally effective for clinical skills training

MegaCode™ Kelly

MegaCode Kelly is designed for realistic training focusing on a wide variety of advanced lifesaving skills from the pre-hospital to critical care environments. MegaCode Kelly with the SimPad® System enables training focusing on patient assessment, patient diagnosis, interventions and management of care to improve to learner's critical thinking and decision-making skills.



laerdal.com

Visit us to learn more about
MegaCode Kelly and SimPad®



MegaCode™ Kelly

HEAD & AIRWAY FEATURES

- Realistic life-size intubation trainer with a flexible tongue, arytenoid cartilage, epiglottis, vallecula, vocal cords, trachea, esophagus, and simulated lungs
- Head has neck opening and replaceable skin for practicing cricothyrotomy techniques
- Head has interchangeable pupils to simulate different clinical conditions (normal, constricted, blown)
- Head has manually inflatable tongue to simulate an obstructed airway
- Head can be tilted forward, backward or rotated 90 degrees to either side
- The following airway skills can be practiced:
 - Endotracheal intubation
 - Nasotracheal intubation
 - Digital intubation
 - Oropharyngeal airway insertion
 - Nasopharyngeal airway insertion
 - Bag Valve Mask ventilation
 - Retrograde intubation
 - Lightwand intubation
 - Laryngeal Mask Airway insertion
 - Combitube insertion
 - Trans-Tracheal Jet ventilation
 - Surgical cricothyrotomy
 - Needle cricothyrotomy
 - Suctioning techniques
 - Stomach auscultation to verify proper airway positioning

IV/IO TRAINING

- Articulating IV arm with replaceable skin and infusible vein system allows peripheral intravenous therapy and site care
 - Venipuncture possible in the antecubital fossa and dorsum of the hand

- Accessible veins include median, basilic and cephalic
- Bilateral deltoid, bilateral thigh, ventrogluteal and gluteal subcutaneous and intramuscular injection sites
- Lifelike leg designed for practicing intraosseous needle placement, medication and fluid administration and infusion

TENSION PNEUMOTHORAX DECOMPRESSION AND CHEST TUBE INSERTION

- Bilateral mid-clavicular sites for needle decompression
- Right side mid-axillary site for needle decompression
- Chest tube insertion left mid-axillary

BLOOD PRESSURE / PULSES

- Articulating blood pressure arm can be auscultated or palpated for measurement of non-invasive blood pressure
- Korotkoff sounds synchronized with ECG
- Korotkoff sounds volume control in 10 steps, 0-9
- Systolic and diastolic pressure may be set individually in steps of 2mmHg
- Systolic 0-300mmHg, Diastolic 0-300 mmHg
- Auscultative Gap, with on/off feature
- Bilateral carotid pulses, brachial and radial pulse on BP arm
- Pulses synchronized with programmable ECG
- Pulse strengths dependent on blood pressure

CARDIAC RELATED SKILLS

- Manual chest compressions
- 3- or 4- lead ECG with optional patient monitor: 12 lead ECG display image
- Pacing with programmable capture
- Defibrillation (25 – 360J)

SOUNDS - SIMPAD® SYSTEM

- Heart sounds synchronized with ECG
- Auscultated lung sounds synchronized with breathing, 0 - 60 BPM
- Individual lung sound selection
- Normal or abnormal bowel sounds
- Vocal sounds: Computer-generated sounds, recorded vocal sounds and real-time voice input via headset
- User generated vocal sounds

SIMPAD® SYSTEM FUNCTION

- Handheld, intuitive touchscreen remote for easy 'pick up and play' experience
- Mobile - teach anywhere
- Operate on-the-fly or utilize scenarios and Themes for consistent simulation training
- Time stamped activities, vital signs, and instructor comments are captured in the event log
- The SimPad log files can be viewed on the device or on a PC using Session Viewer for post-simulation reflection and debriefing
- Upload self-authored scenarios and Themes, or download pre-programmed scenarios directly from SimStore

PATIENT MONITOR (OPTIONAL)

- Touch-screen simulated patient monitor provides concise clinical feedback for physiological parameters
- The monitor's color screen is configurable and provides multiple simulated parameters, each presenting multi-level alarms
- Simulated parameters include HR, ECG, SpO2, BP, RR, Temperature, and etCO2

ORDERING INFORMATION

200-05050 MegaCode Kelly Light Skin

Includes: Manikin (SimPad-capable), 6 Neck Skins, 1 Roll of Cricothyroid Membrane Tape, Airway Lubricant, Jacket, Pants, 6 Chest Tube Modules, BP Cuff, and Carry Case.

200-30001 SimPad® System

Includes: SimPad, Link Box, 2 AC Power Supplies, Rechargeable Lithium-Ion Battery, Wrist Strap for SimPad, Manikin Strap for Link Box, SimPad Sleeve, USB Cable, Ethernet Cable and Directions for Use.



- 400-09201 Tablet Simulated Patient Monitor (11.5")
- 400-29301 All in One Simulated Patient Monitor (23" Panel)
- 200-03650 Genitalia Kit, Male & Female with Valves
- 381450 Nursing Wound Module Set
- 381500 MegaCode Trauma Module Set
- 381655 Hard Sided Transportation Case, Full Body

Operation

MegaCode Kelly is controlled by the SimPad® System and can be utilized with an optional simulated patient monitor:



** SimPad Unit required for operation. Sold separately **

SimCenter

Visit www.laerdal.com/simcenter to learn how to optimize your simulation training using SimCenter™ and MegaCode Kelly.



SimStore™

Access to validated, standardized content from industry experts

SimManager™

A suite of online tools that allows you to fully optimize your entire simulation center operation

SimView™

A debriefing solution giving you the ability to study simulation events more closely

Services

Laerdal offers comprehensive Educational Services to support your curriculum, and Technical Services to meet your product servicing needs. Whether you are setting up a one-room simulation site or a multi-bed simulation center, Laerdal can help.

Visit Laerdal.com/us/MegaCodeKelly for ordering information and a complete list of accessories



Laerdal®
helping save lives