



**Laerdal**<sup>®</sup>

helping save lives



Educationally effective for clinical skills training

## MegaCode<sup>™</sup> 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<sup>®</sup> 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](http://laerdal.com)

Visit us to learn more about  
MegaCode Kelly and SimPad<sup>®</sup>



# 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 – 360)

## 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](http://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](http://Laerdal.com/us/MegaCodeKelly) for ordering information and a complete list of accessories

