

Megacode LV Pro Shock

Deliver a Shock

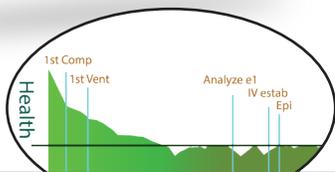
MGLVSH201

with Low Volume - High Density

Life-Like Response for Better Training

Use Your Defibrillator / Monitor

Life-like response of air movement and the award winning color real time feedback for your megacode team training. Allows you to use your own AED or Defibrillator/Monitor in the scenario; display rhythms for students to identify, charges the device and delivers the shock.



Heart Rhythms

*Defib Training - 11 Rhythms
Pacing - 6 Rhythms
Capture during pacing
High Capacity Discharge of Load
Shock Following Protocol
Indicator of Energy Delivered
(50 Joules or more)
Defib/Cardiovert into waiting rhythm
Color coded ECG snaps*

ECG Waveforms

*VF, VT Fast, VT Slow,
VT Poly, AFIB, AFLTR,
SVT, S TACH, NSR,
ASYS, SINUS PVC, S
BRDY, J BRDY, 2nd I,
2nd II PVC, 2nd II, 3rd.*

*Defibrillator NOT Included.
Plug Required for your AED
Defib/Monitor.*



Air Flows with Chest Movement
Roles and Skills are Linked
Debriefing with Accurate Data

Note:

*Sold as Torso Manikin. Arms & Legs, IV
Arm, IO Leg, Conductive
Posts, eSERT Cloud Analysis available.*

**Critical
Events**

**Skills Related
to Roles**

**Heart
Rhythms**

**Cerebral
Perfusion**

**Reports
by Stage**

**Health
Status**

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Features 1 of 2



High fidelity airway manikin featuring the Delta Tidal Flow Interaction System (DTFIS) for realistic air flow. Includes Rhythm Generator and Ability to Use Your Own Defibrillator.

Meets and Exceeds AHA & ERC Requirements for 2020
BLS CPR Skills Included (AHA & ERC Guidelines 2020)
ALS CPR Skills Included (AHA & ERC Guidelines 2020)

Quick & Easy to Use

Real Time Feedback

QCI Basic for Accurate Record Keeping

Extra SmartMan Unique Features

- Life-Like Feel Interactive Air Movement
- Realistic Feel and Sound for misdiagnosed "Bucking the Tube"
- Feedback on Ventilations and the Interaction with Chest Compressions
- Volume measures air from BVM plus Air from Negative Pressure in Lungs
- Actual Depth (not scaled)
- Too Deep and Hitting Bottom Displayed
- Special Activity to Improve 2 Vents during CPR
- Low Volume / High Density Protocols

RHYTHMNS / SHOCK

Use Your Real Defib / Monitor

- Connects with cables to your defib / monitor
- Control the Rhythm on your device
- Student can change the device
- Student can issue the shock

Heart Rhythms

- Defib Training - 11 Rhythms
- Pacing - 6 Rhythms
- Capture during pacing
- High Capacity Discharge of Load
- Shock following protocol
- Indicator of energy delivered (50 Joules or more)
- Defib / Cardiovert into waiting rhythm
- Color coded ECG snaps

EKG Waveforms

VF, VT Fast, VT Slow, VT Poly, Afib, Afltr, SVT, S Tach, NSR, ASYS, Sinus PVC, S Brady, J Brady, 2nd I, 2nd II PVC, 2nd II, 3rd

MORE FEATURES

Quick Clicks

- Metronome with Set-able Speed
- Customize Parameters
- Toggle Simulations On/Off
- Replay Performance
- Pause a Code to Explain

Tools

- Add Comments to Results
- Export Results to Excel
- Create, Zip, and Send All Files to an Email

IN-CODE SIMULATIONS

- Simulations run in real time and can be toggled on or off with a single button
- In real time see how a change in performance can improve the chance of achieving ROSC
- See how fraction relates to blood flow and see how this can be improved
- As the code is ongoing, see how performance factors influence the condition of the patient in terms of the threshold maintenance

LOW VOLUME

- The ONLY Training System for Low Volume
- Supporting All Low Volume Protocols with Feedback
- Switch On-the-Fly from Low Volume CPR to CPR on an Intubated Patient and Receive Accurate Feedback
- Excellent Physical Feel of Pressures in the Chest
- Feedback on the Conflict Between Compressions and Ventilations
- Feedback on Timing of Ventilations in Reference to Positive and Negative Pressures in the Chest

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Features 2 of 2

FEEDBACK

Real Time Feedback

- All activities provide accurate immediate feedback
- Award winning color bars
- At-a-Glance understanding
- Self adjust performance
- Verify own skills with blind test mode
- Maintain your own highest scores

BLS

BLS CPR Skills (AHA & ERC Guidelines 2020)

- Compressions - for 30:2
(depth, rate, recoil, too deep, & extreme depth)
- Ventilations - Rescue Breaths
(feedback on volume, rate, & interval)
- CPR - 1 and 2 Rescuer (practice & test modes)
- Tutor to improve ventilations skills
- Special activity to improve 2 breaths in 30:2
- Metronome user selectable

ALS

ALS CPR Skills (AHA & ERC Guidelines 2020)

- CPR with an Advanced Airway (ET Tube, Supraglottic airways and other devices)
- Intubate while compressions are ongoing
- 10:1 Asynchronous CPR (continuous compressions and a ventilation every 6 secs on Intubated Patient)
- Volumes take into account air movement in and out of the chest during compressions
- Life-Like feel of positive and negative pressure movement in the lungs on the BVM
- Timing displayed to learn how to synchronize ventilation with intake of air
- Remove incorrect intubation and resume 30:2
- Feedback on quality of compressions and quality of ventilations
- Intubate while the chest is moving
- Activity to improve speed and accuracy of correctly inserting ET Tube

MANAGEMENT

QCI Basic

- Login name (password protected)
- Login to practice user (one click)
- Create class names
- Transfer names from a text file
- Quick login by class
- Auto detect manikin and sensor settings
- Auto re-calibrate every activity start
- Immediate display of results
- Single click to display of analysis

TRAINER TOOLS

Trainer Tools

- Score and analysis display immediately
- Single click to create and print and analysis of the quality of the activity performance
- Save or email the report
- Copy and paste a whole class list at once
- Review previous results any time
- Review results without connecting to the manikin
- Single click backup results to zip file
- Backup and send to email
- Export results to excel

EASY TO USE

Quick & Easy To Use

- Immediate percentage score
- Instant restart to redo activity
- Toggle buttons to display features
- Display results immediately or later
- Review by cycle
- Single button to see chart of results
- Use SmartMan in multiple languages
- Free quick updates