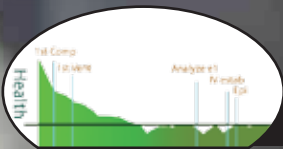


Highest Integration of Team & Individual Roles Skills & Team Dynamics Displayed as Influence on Patient

This High Fidelity Manikin Simulation System brings together the Durability Demanded by Repeated Heavy Use in Tasks and Team Training. Many Unique Advanced Features Track and Analyze Group Dynamics and Effectiveness within a Mock Code Situation.

Coordinated Integrated Response for Higher Reality Training

*Health Status
Perfusion Level
Peri-Shock Phase*



VALIDATED METRICS — BENCHMARKS — THRESHOLDS

TEAM

Optimizes Team Performance

Brings Team Direction and Team Roles Together with Explicit Instruction and Objective Analysis of How to Improve Performance for the Patient.

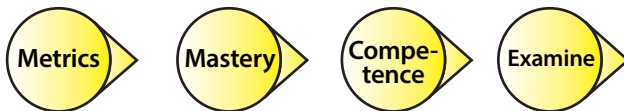
AI Enhanced Analysis

Puts AI Analysis to Work For You to Produce Easy to Understand Graphs which Give You Objective Easy to Understand Data for Debriefing.

Simulations Report Condition of the Patient

- Real Time Health Status
- Maintenance Threshold
- Responds to Performance
- Shows Optimal Chance for ROSC
- Shows Influence of Fraction

TASKS



Highly Accurate Sensors With Validated Metrics For A Solid Foundation to All of Your Tasks Training. Built to be Tough Enough to Take Repeated Use. Built-In Auto-Calibration Maintains Accuracy for Each Skill Each Time it is Used. Comes Complete With QCI Data Manager so you can See How Results Compare and Change Over Time.

Better Outcomes

Independent Science Shows Smartman Trained Systems Have Higher Survival Rates and those Survivors have a MUCH Higher Quality of Life.

Accurate & Objective - SmartMan Makes a Difference

*Based on SmartMan's Award Winning Color Feedback System
Build Best Practice Muscle Memory and Establish Competence in a Variety of Crucial Tasks
Meets and Exceeds ERC & AHA Requirements for 2019*

TASKS

*More Sensors with More Accurate Feedback
Because It Matters for Better Patients Outcomes*

- **BLS CPR Skills Included (AHA Guidelines 2015)**
- **ALS CPR Skills Included (AHA Guidelines 2015)**
- Advanced Airway CPR
- Airway Management
- Mastering Intubation
- Mastering Use of BVM
- Changeover Efficiency
- Efficient Movement and Positioning
- I.O. Practice
- I.V. Practice (IV Arm is Optional)

KEY TASKS FEATURES

*Understanding How Their Individual Performance
Relates to the Condition of the Patient*

- Raising Individual Skills
- Practice On Sub-Skills
- Focus On Delivering All Sub-Skills Together
- Setting and Attaining Required Thresholds
- Retention of Target Levels of Performance
- Seeing Relationship of Performance to Blood Flow to the Brain
- Seeing Relationship of Performance to Health Status of the Patient
- Seeing Influence of Performance on Whether They have a Better Chance to Achieve ROSC

POSITIVE-NEGATIVE PRESSURE AIRFLOW



*The Only System with Life-Like Interactive
Air Movement As The Chest Moves*

- Best Practice with True-to-Life Feel, Pressures, and Feedback for CPR on Intubated Patient
- Supporting Best Practice Training for Low Volume, High Density, Pitcrew, and CAM Protocols with Real Time Feedback
- Feel and Hear Misdiagnosed 'bucking-the-tube'

QCI- DATA MANAGEMENT

- Login Name and Class Control
- Data from all Activities Available and For Review at Later Time
- Add Comments to Results file
- Create, Zip, and Send All Files to an Email
- Export Data to Excel to Compare Results
- Archiving of Results Data

eSERT - CLOUD APP

*Enhanced System For Emergency Response
Customized to Make Understanding Data Easy*

- Setup of eSERT
- Subscription Fee for 1st & 2nd Year of eSERT
- Enabled for eSERT Data Analysis
- Customized Dashboard with 3 Pre-Setup Pages

Can Be Used With Your Real Defibrillator/Monitor

Metrics

- Highest Quality Sensors of Any
- Validated In The Literature
- Based on Clinical Evidence

Thresholds

- Already Objectively Validated
- Built-In to SmartMan Simulators
- Proved Relationship to Survival

Benchmarks

- Quick to Set Up
- Use to Show Improvement
- Use to Set Target Levels

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Team Dynamics, Communicating Clearly and Precisely, Objective Evidence Based Suggestions on How to Improve, All Showing How It Influences the Patient

TEAM Focus on the Patient

Team members Skills being performed with the Time Running as it would be in a Real Situation

EFFECT ON PATIENT

Influence on the Patient for:

- Quality of Skills Performed
- How Quality Changes Condition of Patient
- Timeliness of All Skills
- Time from OnSet, During and End of Code
- Team Communication and Interaction

SPECIFIC FOCUS POINTS

- How Has the Team Influenced Cerebral Blood Flow
- How Has the Team Improved the Chance of Successfully Achieving ROSC
- How Has the Team Improved the Condition of the Patient
- What Specific Performance Area Can Be Improved
- How Skills Interact with Interruptions
- Leadership Skills and Roles

INTERACTIVE SIMULATIONS

- Simulations Respond in Real Time
- Display the Interaction of Skills With Various Clinical Aspects of the Patient
- Respond to Quality and Timeliness of Team Effort
- Calculate and Display Effect of Interruptions
- Display Performance Effect In Terms of the Thresholds of Performance
- Simulations are Single Click Turn On or Off
- Redisplay on Review of Results

Team Optimization Course

Training in the What, When, How, and Why so the Code Runs Better for the Patient

- Procedures & Protocols Related to the Science
- Command Leader & Responder Roles Practiced
- Team Dynamics and Movement of Responders
- Integration of Training with Simulator & Software
- Hands-On Practice for 3 to 6 Person Code
- Easy Integration with Existing Code
- In-Depth Debriefing Report as Basis for Long Term Benchmarks
- Analysis in Terms of Patient Condition

CLS - CODE LEADERSHIP SYSTEM

The Role of Leadership during a Team Effort Where High Quality Skills Must be Performed within Tight Time Limitations

- Command Structure Made Explicit
- Team Leader Role Made Explicit
- Roles Defined By Number of Responders
- Develops Clear Communication Skills
- Develops Clear Closed Loop Communication
- Understanding for Roles in Different Protocols

AI AIDED ANALYSIS

AI does the Analysis and Summarizes Key Information in Simple to Understand Graphs

- Focus on what will have the Greatest Impact on the Patient
- Quick View Graphs and Tables For Evidence Based Debriefing
- Graphic Display of Peri-Shock Analysis
- Times and Quality from Analyze to Shock