

THE PIONEER OF MEDICAL
EDUCATIONAL SIMULATOR +

ALS Simulator

The best ALS simulator with high quality for professionals

BT-ACTB

NURSING MEDICINE MILITARY EMS HOSPITAL



KEY FEATURES

Eyes

- Eyelids : Open, Closed (manual)
- Pupil reflex
 - Light Reflex
 - Consensual Light Reflex : Synchrony / asynchrony
 - Pupil size: 1mm ~ 8mm
 - Light reflex speed adjustment: Prompt / Slow

Airway

- Head Tilt / Chin Lift , Jaw Thrust
- Bag-Valve-Mask ventilation
- Airway intubation
 - ETT/LMA/I-gel/Combi-tube insertion
 - Detect intubation to the right main stem bronchus
- Gastric intubation
- Check force applied to the maxillary incisors
- Airway obstruction : Automatic / Manual
- Needle decompression

Cardiac

- 3-4 Lead ECG
- Defibrillation and cardioversion (Pads & Paddle)
- Defibrillation shock rhythm display
- BP ; Palpation & Auscultation
- NIBP & IBP graphs through S/W
- Palpable pulses and ECG waveforms generated during CPR
- Pulse palpation synchronized with ECG
 - Bilateral carotid, femoral, dorsalis pedis
 - Radial and brachial pulse (Left arm only)
- Pulse strength adjustment (none / strong / moderate / weak)
- Heart sound auscultation

Breathing

- Spontaneous breathing
- Unilateral and bilateral chest rise and fall
- Breathing sounds
- ETCO2 Capnography display
- SpO2 and Pleth waveform display
- Lung sound auscultation

CPR real-time monitoring

- Compression depth and rate
- Incomplete release
- Hand position : Correct / Upper / Lower / Left / Right
- Hands-off time
- Ventilation volume and time
- Ventilation rate
- CPR result and evaluation
- Chest compression & Ventilation at the same time

Speech

- Pre-recorded vocal sounds

Vascular access

- IV access and injection (Right arm)
- IO access and injection (Right tibia/Right humeral)
- IM (Right humeral)
- Medication(by S/W)

Software

- Can adjust each parameters
- Make, edit scenarios
- Save/print training history

Components

- Full body Manikin 1EA
 - 172 x 54 x 24cm (69" H X 21" W X 10" D)
 - Weight : 22kg (50lb)
- App Facilitator S/W (Teacher)
 - : Laptop - Windows 10
- App Monitor S/W (Trainee)
 - : All-in-one PC
- WiFi Router
- User manual
- Storage Case
- Power
 - AC/DC Adapter
 - AC input : AC 100~220V, 50/60 Hz, 2.5A
 - DC Output : 16.8V, 4A
 - Internal Rechargeable Batteries
 - 14.8V 10400mAh Lithium ion
 - Approximately 4 hours of running time

