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| **Product** | **ALS Training Simulator (Adult)** | **Model** | **BT-ACTB** | |
| **Manufacture** | **BT INC** | **Q'ty** | **1** | **SET** |
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| **A. FEATURES**  - Simulator for adult resuscitation training and evaluation  - Lifelike body structure and silicon; Realistic training  - Various emergency simulation  - Rechargeable battery, completely wireless environment through Wifi and Bluetooth communication  - Pupillary response; Patient assessment and evaluation  - While chest compression, generate related pulse and check the ECG change from the patient monitor  - Possible to do chest compression and ventilation at the same time  - Palpate pulse at 8 sites (Left radial and brachial, left and right carotid/femoral/dorsal)  - Change the pulse strength and turn each pulse off/on  - Virtual patient monitor layout can be adjusted by selecting needed items  - When running a prepared scenario, the current patient status can be jumped to the next status by using a transition  - Scenario, Checklist can be exported or imported  - The result data can be printed out by using a printer connected to a facilitator laptop  - The detailed CPR result and even log can be saved to Excel format  - The event log can be sorted by item or time order | | | | |
| **B. SPECIFICATION**  \* EYES  - Light reflex / consensual slight reflex  - Adjust pupil size  - Light reflex speed adjustment : Prompt/Slow  - Eyelids : Open/Closed (Manual)  \* Airway  - Head tilt/Chin lift, Jaw thrust maneuver  - Bag-valve-mask ventilation  - Airway intubation  · ETT/LMA/I-gel/Combi-tube insertion  · Detect the right main stem intubation  - Gastric intubation / Gastric inflation  - Check the force applied to the incisors  - Airway obstruction  - Needle decompression  \* Cardiac  - 3-4 Lead ECG  - Defibrillation and cardioversion   - Display Defibrillation shock rhythm/ CPR rhythm   - Heat sound auscultation  - BP ; Palpation & Auscultation  - NIBP, ABP, PAP 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)    \* Breathing  - Spontaneous breathing  - Unilateral and bilateral chest rise and fall  - Breathing sounds  - ETCO2 Capnography and SpO2 waveform through S/W  - Lung sound auscultation  \* CPR real-time monitoring  - Compression depth and rate / incomplete recoil / hands-off time  - Hand position : Correct / Upper / Lower / Left / Right   - Ventilation volume and time / rate / RR  - CPR result and evaluation  - Chest compression & Ventilation at the same time  \* Vascular access  - IV (right arm)  - IO (right tibia / right humeral)  - IM (right humeral)  - Medication (by S/W)  \* Speech  - Vocal sound  \* Software  - Manual mode / Scenario mode  - Save and print the result  - Offering the virtual patient monitor, virtual defibrillator and pacer function  \* Power: AC/DC adaptor (AC input : AC100~220V, 50~60Hz, 2.5A, DC output : 16.8V, 4A)  \* Weight and size of manikin : 172 x 54 x 24cm, approximately 22kg  **C. COMPONENTS**  - Adult full body manikin 1ea  - Facilitator laptop 1ea  - Monitor PC 1ea  - Wifi router 1ea  - AC adaptor 1ea  - Storage case 1ea  - User manual 1ea  - Jacket/pants 1set  - Electrode cover sets for defibrillation (1 set for pads, 1 set for socket)  - IV pad 1ea  - IO module(tibia) 1ea, IO/IM module(humeral) 1 set  - Bottle for IV 1ea, bottle for IO 1ea  - Simulated blood 1ea  - Sphygmomanometer 1ea  - Cervical collar 1ea | | | | |