

ADVANCED LIFE SUPPORT



ALS scenario training requires that your manikin be portable, and administration of ALS skills requires a lot of equipment. You don't need or want to lug extra equipment - you want PDA STAT! The instructor selects drop-down menus on the PalmPilot to set up a challenge and varies it during the session. Start from a saved scenario so each student or team demonstrates proficiency of the skills. Use it as an instructor critique when you compare how a group of students score compared to your lesson objectives. 110/220V.

Dimensions: 145 x 86 x 31 cm.

Sh. wt. 58.88 kgs.

PDA STAT Features Include:

- PalmPilot OS Program
- Drug list from AHA
- AHA algorithms
- Instructor controls scenario from PalmPilot
- Normal and emergent heart and lung sounds
- Internal air compressor
- Blood pressure variable in left arm
- Manikin reacts to treatment
- Carotid and femoral pulses with adequate chest compressions
- EKG interpretation and cardiac treatment
- Oral and naso-intubation
- Laryngospasm
- Stomach distention
- Bilateral chest tube placement with simulated fluid discharge
- Bilateral pneumothorax reduction
- Tongue swells
- Cricothyrotomy
- Advanced difficult airway maintenance
- Ribcage motion mimics lifelike respirations
- 12 pulse points synchronized with the heart
- IV and drug therapy
- Defibrillation
- Arrhythmia training
- 1.85 m. manikin



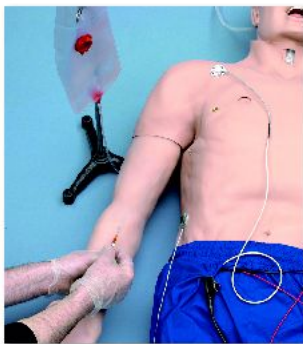
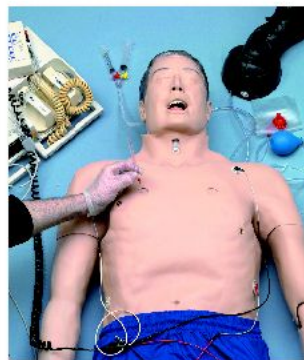
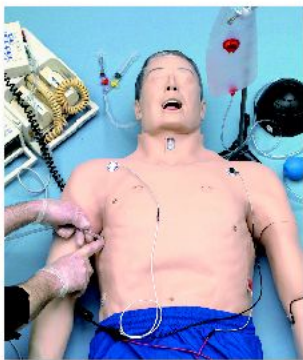
ACM-100

ACM-100 - 110 Volt

ACM-100E - 220 Volt

PDA STAT Manikin

PalmPilot controlled scenario generator keeps your students and "patient" in the palm of your hand.



ACM-50

ACM-50

STAT Manikin

The represents 1,77 m. male manikin, body demonstrates a giant step forward in manikin design. Joint range of motion is near human, and pinching in jointed areas is a lost art. Rib cage motion mimics lifelike respirations. Multiple pulse points demonstrate blood pressure variations.

Features: Skill Areas:

- Totally new body
- Accurate human anatomy
- Joints with realistic range of motion
- Represents 1,77 m. male

Skill Areas:

- Pulses
- Multiple injection sites
- Advanced IV arm
- Intubation
- 4-lead monitoring
- Chest tubes

Challenges:

- 12 pulse points
 - Oral and naso-intubation
 - Tongue swells
 - Laryngospasm
 - Cricothyrotomy
 - Bilateral chest tube placement with simulated fluid discharge
 - Bilateral pneumothorax reduction
 - Stomach distention
 - IV arm therapy
 - Defibrillation
 - Arrhythmia training
- Sh. Wt. 45.35 kgs.
Dimensions: 145 x 86 x 31 cm.

Replacement Parts:

- Cricothyrotomy Replacement Skin (Pkg. of 10) 0421311
- Pneumothorax Pads (Pkg. of 4) 0421310
- IV Replacement Skin 0421309
- IV Replacement Vein Kit 0421308
- Injection Site (Pkg. Of 4) 0421316

ADVANCED LIFE SUPPORT



MCP-90

Adult Crisis Manikin

The Adult Crisis Manikins are Complete Resuscitation Systems with five stations allowing you to practice different scenarios. Each manikin consists of a full body CPR manikin, IV Arm, Blood Pressure Arm, Defibrillation Chest Skin, and features the Airway Larry Airway Management Head. Ideal for ACLS, paramedic, EMT, and nursing training at every level. Modular components allow you to create a manikin to suit your needs.

PROCEDURES THAT CAN BE PERFORMED:

CPR

- Palpable and visual landmarks
- Fully articulated head, neck, and jaw

Airway Management

- Realistic anatomy of the mouth, tongue, oral pharynx, larynx, epiglottis, vocal cords, trachea, and esophagus
- Cricoid cartilage allows for practice of Sellick maneuver
- Separate left and right lungs for auscultation
- Suctioning capabilities
- Oral, nasal, and digital intubation capabilities

IV Arm

- Articulated at the biceps for antecubital and dorsal access
- Bony landmark at shoulder to identify muscle tissue for intramuscular injections
- Replaceable skin and veins
- Realistic flashback from a pressurized system

Blood Pressure Arm

- Instructor determines systolic and diastolic levels, heart rate, and sound volume
- Speaker in arm reproduces real blood pressure sounds
- 5 Korotkoff phases can be turned on and off
- Auscultatory gap can be turned on and off
- Can be used with an optional external speaker system to broadcast sounds to the entire classroom

Defibrillation Chest

- Internal load box absorbs full strength of every shock - designed to handle up to maximum recommended 360 Joules
- Manual, semi-automatic, automatic defibrillation
- Monitor manikin like a real patient at 4 ECG sites and 2 defibrillation sites
- Compatible with all standard brands and types of defibrillators, monitors, and patient simulators

MCN-90

Complete Crisis Manikin (not illustrated).

Complete Resuscitation System including a full body CPARLENE CPR Manikin, "Airway Larry" Airway Management Trainer, IV Arm, Blood Pressure Arm, and Defibrillation Chest Skin. Hard Storage case is available separately (0421124). Dimensions: 104 x 49 x 36 cm. Sh. wt. 24.94 kgs.

MCA-80

Deluxe Crisis Manikin (not illustrated).

The Deluxe Crisis Manikin adds a hand-held arrhythmia patient simulator. (SAR-60).

The simulator includes Module 5 - ACLS. This module features 16 different rhythms including: normal sinus rhythm, sinus tachycardia, sinus bradycardia, supraventricular tachycardia (SVT), PAC's in NSR, atrial flutter, atrial fibrillation, junctional escape, 1st AV block, 2nd AV block (Wenckebach), 2nd AV Block II, 2nd AV block CHB, PVC's (multi-vocal), ventricular tachycardia, VT. Hard Storage case is available separately (0421124).

Dimensions: 104 x 49 x 36 cm.

Sh. wt. 25.40 kgs.

MCP-90

Deluxe "Plus" Crisis Manikin

The "pluses" are the addition of an arrhythmia patient simulator (as on the Deluxe Crisis Manikin, (MCA-80)), a printer for CPR evaluation, and a hard carrying case. The CPR simulation includes an electronic monitoring, memory, and printer unit light controller which displays running averages, provides hard copy printout, and has adult and child settings. (MMI-50)

Dimensions: 104 x 49 x 36 cm.

Sh. wt. 36.08 kgs.

ADVANCED LIFE SUPPORT



CAM-10

Adult Crisis Auscultation Manikin

The Adult Crisis Auscultation Manikin has all the same features as the Crisis Manikin with the addition of auscultation sites with heart and lung sounds. For auscultation training, the instructor selects from a menu of heart and lung conditions by wireless remote control. The manikin presents itself as a real patient without visible auscultation sites. The student must palpate to identify correct auscultation locations, and will hear different heart and lung sounds as the SmartScope is moved to different locations on the manikin. A diagnosis of the condition selected by the instructor can be made by comparing the variations in sounds occurring at different sites - just like a real patient! Lung sounds can be detected at seven anterior locations and students can practice auscultation at six anterior heart sites. One remote control will operate multiple sets of SmartScopes and manikins simultaneously. Great for group instruction. Listen to the sounds by using either the single or dual user headpieces on SmartScope or by connecting to an amplified speaker (not included). Range on the unit is up to 100 ft. of remote access. Adult Crisis Auscultation Manikin includes Complete Crisis Manikin with auscultation sites, one remote control with LCD display, one SmartScope with single- and dual-user headpieces, and hard storage case. Requires two "AA" batteries (included).

Lung Conditions to Select with the Remote:

- Normal
- Wheeze
- Mono Wheeze
- Fine Crackle
- Rhonchi Crackle
- Stridor
- Coarse Crackle
- Cavernous
- Bronchial
- Pulmonary Edema
- Friction Rub
- Pectoriloquy

Heart Conditions to Select with the Remote:

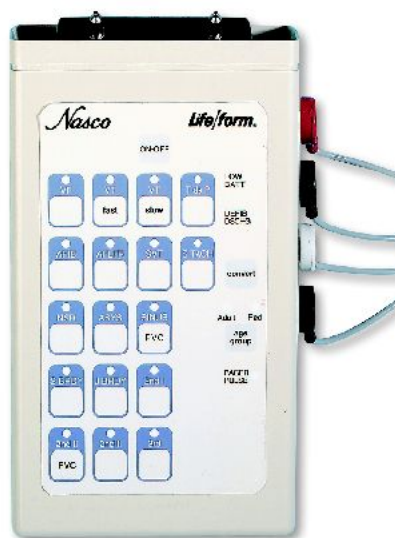
- Normal
- Aortic Regurgitation
- Mitral Stenosis
- Pulmonary Stenosis
- Holosystolic
- Mid Systolic
- S3 Gallup
- S4 Gallup
- Systolic Click
- Atrial Septal Defect
- PDA
- VSD

SAR-60

Interactive ECG Simulator

The only simulator that combines defibrillator and external pacer training features with adult and pediatric ECG rhythms.

- Simulate electrical capture with an external pacer. Attach pacer to manikin and initiate pacing. When pacer current is set to 70mA or more, paced beats appear on your monitor. Waveforms available for pacer training include: Sinus Brady, Junctional Brady, 2nd degree type I A-V block, 2nd degree type II A-V block, 2nd degree type III A-V block with PVCs, and 3rd degree A-V block. Simulate cardioversion with a manual, semi-automatic, or automatic defibrillator.



The Adult Crisis Auscultation Manikin is ideal for ACLS, paramedic, EMT, and nursing training at every level.

Dimensions: 104 x 49 x 36 cm.

Sh. wt. 27.21 kgs.

CAA-10

Adult Auscultation Manikin with ECG Simulator

Same as manikin above, plus it includes the ECG Simulator (SAR-60).

Dimensions: 104 x 49 x 36 cm.

Sh. wt. 31.81 kgs.

SCA-01

Additional Smartscope

Dimensions: 23 x 13 x 10 cm.

Sh. wt. 0.71 kgs.

CAD-10

Adult Deluxe Plus Crisis Auscultation Manikin (not illustrated).

Same as CAA-10 above with electronic monitoring, memory, and printer unit light controller which displays running averages and provides a hard copy printout. (MMI-50)

Dimensions: 104 x 49 x 36 cm.

Sh. wt. 37.62 kgs.

Activate "convert" feature to select (before defib discharge) another rhythm to run immediately after defib discharge. Waveforms available for defibrillator training include: V. Fib, V. Tach (fast), V. Tach (slow), V. Tach (polymorphic), A. Fib, A. Flutter, SVT, Sinus Tach, Sinus rhythm with PVCs, Asystole, and NSR.

- Use one simulator to generate both adult and pediatric rhythms. With adult mode selected, all 17 waveform keys generate adult rhythms. With pediatric mode selected, all 17 waveform keys generate pediatric rhythms. Press key marked "age group" to toggle between adult and pediatric modes. With "age group" feature a total of 34 rhythms a total of 34 rhythms are available.

- Generate realistic 3- or 4-lead ECG rhythms, The RA, LA, and LL signal morphologies create accurate representations of the QRS, P, and T axes.

- Practice operating a defibrillator/external pacer without a manikin. Connect defibrillator/pacer to simulator using pad adapters. Built-in circuitry allows you to defibrillate and to pace directly into simulator, and to observe ECG rhythms through the PADS connector.

LED indicators illuminate for: pacer pulse detection, defib discharge detection, adult age group, pediatric age group, and low battery. Battery saver feature powers-off simulator automatically when not in use.

Dimensions: 8 x 18 x 26 cm.

Sh. wt. 1.36 kgs.

ADVANCED LIFE SUPPORT

TCA-60

Deluxe Crisis Torso Manikin

Deluxe Crisis Torso Manikin features the same quality, durability, and reliability as the Deluxe Crisis Manikin only in a smaller, easier-to-transport version. Unlike full-body manikins, this ACLS torso is much smaller and easier to move from facility to facility for training. This system now features the "Airway Larry" Airway Management Training Head, Defibrillation Chest Skin, and Interactive ECG Simulator (SAR-60). Includes a 4 oz. can of lubricant and comes in a durable, foam-lined carton (hard case is available separately). Sh. wt. 17.21 kgs..

TCS-50

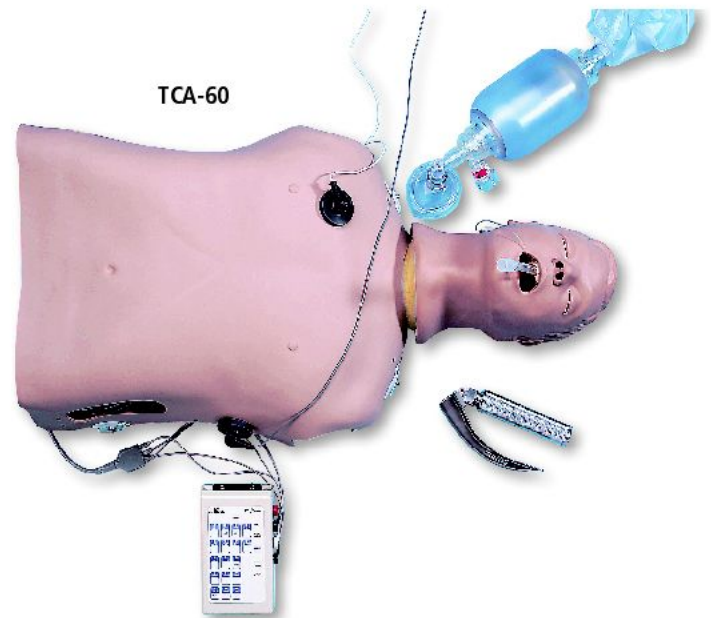
Crisis Torso Manikin (not illustrated).

The Crisis Torso features the same quality, durability, and reliability as the Deluxe Crisis Torso. The only difference between the two systems is that the Crisis Torso does not include the Arrhythmia Tutor; the Patient Simulator you already have is completely compatible. It does feature the "Airway Larry" Airway Management Training Head, Defibrillation Chest Skin, and Torso. Comes in a durable, foam-lined carton (hard case is available separately). Sh. wt. 13.39 kgs.

- Hard Carrying Case for Crisis Torso 0421125

Dimensions: 79 x 43 x 30 cm.

Sh. wt. 7.08 kgs.



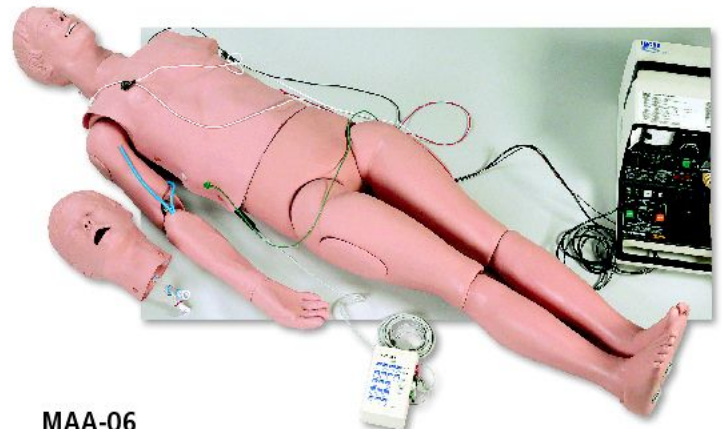
CTA-03

Trauma Intubation Head

Attaches to the Adult ALS Trainer. Simulates swollen throat/vocal chords which would cause swelling of the larynx leading to laryngospasm. Also simulates internal/external bleeding. A cricothyrotomy can also be performed using this model. Accepts Combitube, E.O.A., E.G.T.A., and P.T.L. airways. Additional features include oral and nasal airways for intubation, bag valve mask ventilation, and delivery of supplemental oxygen.

Sh. wt. 2.98 kgs.

Dimensions: 48 x 18 x 25 cm.



MAA-06

Adult ALS Trainer

Anatomical landmarks include the sternum, rib cage, and substernal notch. The trainer contains teeth, uvula, vocal cords, glottis, epiglottis, larynx, arytenoid cartilage, trachea, esophagus, and inflatable lungs and stomach. Accepts Combitube, E.O.A., E.G.T.A., and P.T.L. airways. Additional features include oral and nasal airways for intubation, bag valve mask ventilation, delivery of supplemental oxygen, palpation of carotid pulse, ABC assessment, separate right and left lungs, auscultation of breath sounds, chest compressions and precordial thump, jaw thrust, IV sites in hand and arm for venipuncture, intramuscular injection site, and blood pressure cuff placement. The arrhythmia/pacing simulator recreates 17 adult heart rhythms and 17 pediatric rhythms. With an external pacer, you can simulate electronic capture. You can also simulate cardioversion with manual, semiautomatic, or automatic defibrillation. Comes with soft carry bag.

Dimensions: 165 x 59 x 23 cm.

Sh. wt. 27.61 kgs.

TAA-05

Adult Torso Only (not illustrated).

Same features as model MAA-06

Comes with soft carry bag.

Dimensions: 79 x 46 x 25 cm.

Sh. wt. 14.06 kgs.