

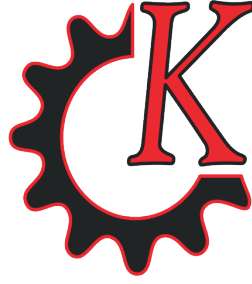
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Our anatomy models are carefully produced and hand-painted by our **anatomy painters** who had special training.

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You can visit our website to review.

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DELIVERY & GYNECOLOGY



ST / ISTANBUL IMPROVED ADVANCED LIFE SUPPORT SIMULATOR

KEY FEATURES

Anatomical Structure: Full Size Adult

Length: 173 cm

Width: 51 cm

Height: 22 cm

Weight: 26 kg

- Not easily deformed special plastic
- Realistic appearance and anatomical structure
- Prominent nipples, xiphoid process and chest, rib structure
- Easily movable head, neck, waist, arm and leg joints
- Rechargeable feature
- 6 hours of battery life
- 10" Tablet as control panel
- 55" virtual bedside monitor
- Wireless control

GENERAL APPLICATIONS

1. IV puncture, injection, transfusion, and drawing blood practices can be done from the basilic and cephalic veins of the bilateral forearm and dorsal surface of the hand.
2. IM injection into bilateral deltoid and vastus lateralis muscles of the thigh region.
3. IM hip injection in the ventrogluteal and dorsogluteal area.
4. Intraosseous (intra-bone) intervention from the left leg. There will be a feeling of falling into the void like in the bone when the needle is inserted to the bone because of the realistic bone structure.
5. Male-female urethral catheterization and bladder irrigation where realistic sphincter resistance can be felt.
6. Ostomy (colostomy and ileostomy) care.
7. Enema application using liquid.
8. Pneumothorax application.
9. Photosensitive pupils.
10. Upon request, it can be installed together with the audio and video recording system.

AIRWAY

1. There are oral cavity, tongue, teeth, glottis, epiglottis trachea, esophagus, right and left lung structures.
2. Oral and nasal endotracheal intubation.
3. LMA, LTA and combi tube applications.
4. Feedback via the control panel on airway opening by giving the correct head and neck position.
5. In case of applying artificial respiration without giving the head-neck position, the air is filled into the stomach can be monitored on the tablet.
6. In endotracheal intubation application, the situation of sending the cannula to the trachea, right bronchus or esophagus and excessive pressure on teeth can be monitored through the control panel.
7. After the intubation procedure, the intubation position can be evaluated with a stethoscope.





CPR AND CARDIOLOGY PRACTICES

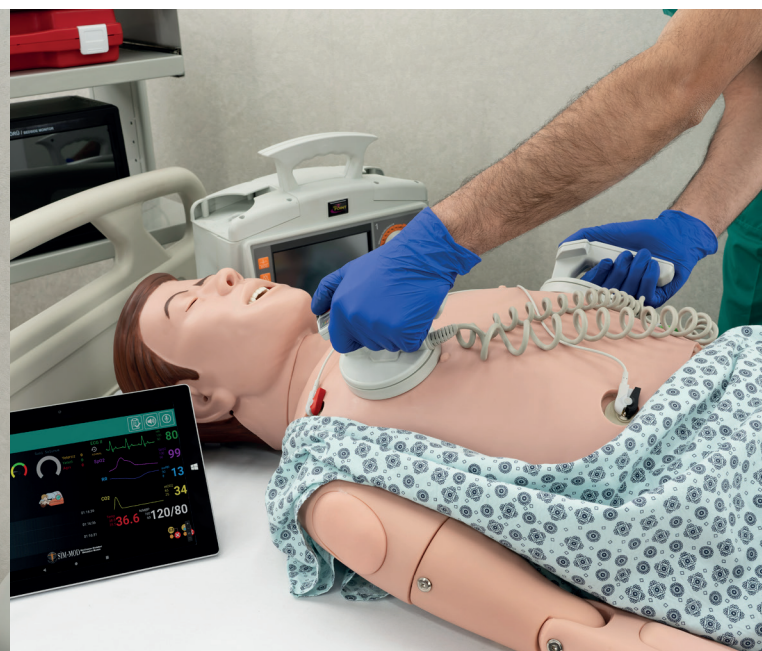
1. Unilateral brachial and radial; bilateral carotid and femoral pulses synchronized with the selected ECG rhythm and adjustable pulse intensity.
2. Artificial respiration from mouth-to-mouth, mouth-to-nose and with balloon masks can be done at realistic scales. The ratio of the given air in terms of volume can be monitored via the control panel.
3. Automatic self-breathing is available because of the built-in compressor in the simulator and the number of respirations per minute can be adjusted via the control panel.
4. Realistic bilateral and unilateral chest rising.
5. Valve system that prevents the return of the air given to the manikin.
6. Steel spring system designed to perform heart massage at realistic values and to prevent collapse during the practices.
7. Follow-up of CPR practices by keeping a time record through the control panel.
8. 30 different ECG rhythms, which can be displayed through 4 ECG points and heart rate can be adjusted via the control panel.
9. Real defibrillator with safe defibrillation (shock) points. Real defibrillator, AED and bedside monitor can be used. Real defibrillation, cardioversion, pace and AED applications can be done.
10. Noninvasive blood pressure (BP) measurement: systolic (SBP) and diastolic (DBP) blood pressure values can be changed via the control panel. The Korotkoff sounds heard during the measurement are synchronized with the selected ECG rhythm rate.





OTHER APPLICATIONS

1. The diameter of pupils can be changed via the control panel.
2. The simulator can be voiced with audio recordings such as crying, shouting, groaning, vomiting, coughing and normal breathing from the control panel or it can be voiced via the control panel for a realistic anamnesis practice.
3. Ability to create instant and pre-created unlimited scenarios via the control panel.
4. Pneumothorax operation that can be performed through the intercostal space. When intervention is made with the needle, the information that pneumothorax is performed can be obtained via the control panel. Air outlet can be observed from the place where the intervention is made.
5. When needle cricothyrotomy is performed, the information about the transaction can be obtained from the control panel.
6. Cyanosis is present on the lips and nails of the simulator. Occurrence of cyanosis can be adjusted by the user. The color level can be changed with the intervention made on the simulator.
7. When an IV intervention is made from the arm with the injector, the administered drug is detected and the drug information can be obtained from the control panel.
8. Lung, heart and bowel sounds can be listened on the simulator.
9. There is a 55" virtual bedside monitor for use in the laboratory environment. The monitor shows EKG, SpO2, AWRR, EtCO2, Temp., NIBP values . These values can be adjusted via the control panel.



ECG RHYTHM SIMULATOR

MODEL CODE: ET/38

KEY FEATURES

Length: 20 cm
Width: 10.5 cm
Height: 4.5cm
Weight: 525 g (including Control tablet)

- Rechargeable feature
- 8 hours of battery life
- 7" Tablet as control panel
- Wireless control



GENERAL APPLICATIONS

1. 30 different ECG rhythms that heart rate can be adjusted via the control panel can be displayed on the real bedside monitor or defibrillator.
2. Rhythm rates can be adjusted according to pediatric or adult patients.
3. Rhythms available in the simulator; NSR, S-BRADY, S-TACH, S-PVC, S-PAC JB, S-ARREST, WPW, IDIO VENT, 1°AVB, 2°AVB1, 2°AVB2, 2°AVB2:1, 3°AVB, JT, AT-YAVAS, PACED ATRIAL, PACED VENTR, EKTO ATRIAL, T. D. POINTES SVT, AFLT, AFIB, LONG QT, AT-FAST, ST ELEVE, ST DEPRESSED, VT, POLI VT, VFIB, AGONAL, ASISTOL.

BEDSIDE PATIENT MONITOR

KEY FEATURES

Length: 20 cm
Width: 34 cm
Height: 20 cm
Weight: 4 kg

- Rechargeable feature
- 5 hours battery life
- 10" screen
- Tablet as control panel
- Wireless control
- Can be used on people for training purposes and any training manikin



GENERAL APPLICATIONS

1. SPO2 sensor with the monitor.
2. Air filling into the blood pressure cuff when blood pressure measurement is made.
3. Wireless reception of all commands via tablet.
4. It shows EKG, SPO2, awRR, etCO2, Temp., NIBP values and these values can be adjusted on the tablet.
5. Heartbeat sounds synchronized with the EKG.
6. Alarm with adjustable intervals.
7. 30 different ECG rhythms that heart rate can be adjusted via the control panel.

*** The bedside monitor is compatible with all advanced life support manikins.***

ADVANCED LIFE SUPPORT SIMULATOR

ADVANCED
LIFE SUPPORT



MODEL CODE: ST/157

KEY FEATURES

Anatomical Structure: Full Size Adult

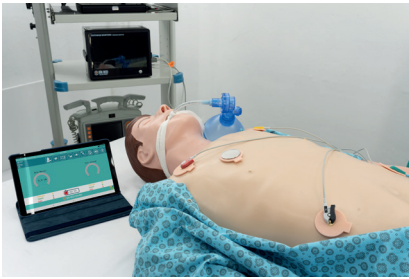
Length: 165 cm

Width: 60 cm

Height: 24 cm

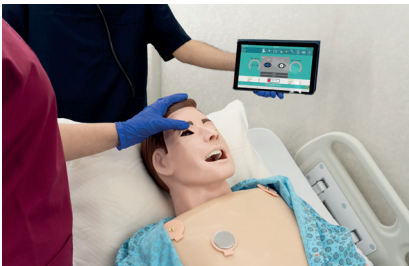
Weight: 20,5 kg

- Not easily deformed special plastic
- Realistic appearance
- Rechargeable feature
- 6 hours of battery life
- 10" Tablet as control panel
- Wireless control



GENERAL APPLICATIONS

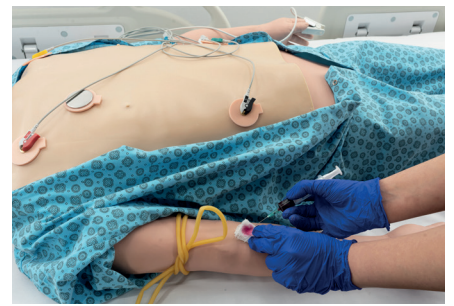
1. Easily movable neck, jaw, shoulder, hip, knee and ankle joints.
2. Eyes can move in synchronous. The diameter of the pupils can be changed via the control panel, and adjustment of normal, miosis and mydriasis states can be done.
3. The simulator can be voiced via the control panel for realistic anamnesis practice. Also, audio recordings such as crying, screaming, groaning, vomiting, coughing and normal breathing voices can be used from the control panel.
4. IV puncture, injection, transfusion, and drawing blood practices can be done from the basilic and cephalic veins of the bilateral forearm and dorsal surface of the hand.
5. IM injection into the vastus lateralis muscles of the thigh region
6. Intraosseous (intra-bone) intervention from the left leg.





AIRWAY

1. There are oral cavity, tongue, teeth, glottis, epiglottis trachea, esophagus, right and left lung structures.
2. Oral and nasal endotracheal intubation.
3. LMA, LTA and combi tube applications.
4. Feedback via the control panel on airway opening by giving the correct head and neck position.
5. In endotracheal intubation application, the situation of sending the cannula to the trachea, right bronchus or esophagus and excessive pressure on teeth can be monitored through the control panel.



CPR AND CARDIOLOGY PRACTICES

1. Carotis pulse synchronized with the selected ECG rhythm.
2. Artificial respiration from mouth-to-mouth, mouth-to-nose and with balloon masks can be done at realistic scales.
3. Realistic bilateral and unilateral chest rising.
4. Valve system that prevents the return of the air given to the manikin.
5. Steel spring system designed to perform heart massage at realistic values and to prevent collapse during the practices.
6. Follow-up of CPR practices through the control panel.
7. 30 different ECG rhythms, which can be displayed through 4 ECG points and heart rate can be adjusted via the control panel.
8. Real defibrillator with safe defibrillation (shock) points and, AED and bedside monitor can be used.
9. Noninvasive blood pressure (BP) measurement from the one arm.
10. Changing of systolic (SBP) and diastolic (DBP) blood pressure values via the control panel.



ADVANCED LIFE SUPPORT SIMULATOR

MODEL CODE: ST/151 & ST/151+

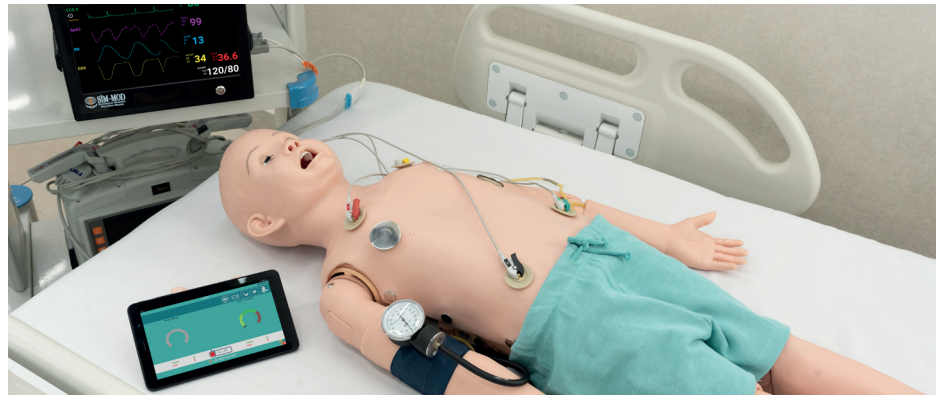
ADVANCED LIFE SUPPORT



KEY FEATURES

Anatomical Structure: 5 Years Old Child
Length: 106 cm
Width: 33 cm
Height: 17 cm
Weight: 8 kg

- Not easily deformed special plastic
- Realistic appearance
- Eyes that can be opened and closed
- Rechargeable feature
- 6 hours of battery life
- 10" Tablet as control panel
- Wireless control



GENERAL APPLICATIONS

1. Easily movable neck, jaw, shoulder, hip, and knee joints.
2. The simulator can be voiced via the control panel for realistic anamnesis practice.
3. IV puncture, injection, transfusion, and drawing blood practices can be done from the basilic and cephalic veins of the bilateral forearm and dorsal surface of the hand.
4. IM injection into the deltoid muscle of the upper arm.
5. Intraosseous (intra-bone) intervention from the left leg.



AIRWAY

1. There are oral cavity, tongue, teeth, glottis, epiglottis trachea, esophagus, right and left lung structures.
2. Oral and nasal endotracheal intubation.
3. LMA, LTA and combi tube applications.
4. In endotracheal intubation application, the situation of sending the cannula to the trachea, right bronchus or esophagus can be monitored through the control panel.



MODEL	TABLET AND CHARGABLE FEATURE WITH WIRELESS	CPR	ANAMNESIS SIMULATION	ECG & DEFIBRILLATION	RIGHT FEMORAL PULSE SYNCHRONIZED WITH ECG	INTUBATION	IV- IM INTERVENTION ON BOTH ARMS	IO INTERVENTION ON LEFT LEG	FEEDBACK REPORTS FOR CPR AND INTUBATION APPLICATIONS
ST/151	✓ 7" Tablet	✓	✓	✓	✓	✓	✓	✓	
ST/151+	✓ 10" Tablet	✓ (INSTANT ELECTRONIC TRACKING OF PRACTICES)	✓	✓	✓	✓ (ELECTRONIC DETECTION OF TUBE POSITION)	✓	✓	✓

CPR AND CARDIOLOGY PRACTICES

1. Femoral pulse synchronized with the selected ECG rhythm.
2. Artificial respiration from mouth-to-mouth, mouth-to-nose and with balloon masks can be done at realistic scales.
3. Realistic bilateral and unilateral chest rising.
4. Valve system that prevents the return of the air given to the manikin.
5. Steel spring system designed to perform heart massage at realistic values and to prevent collapse during the practices.
6. Follow-up of correct and incorrect CPR practices and the accuracy of opening the airway through the control panel.
7. 30 different ECG rhythms, which can be displayed through 4 ECG points and heart rate can be adjusted via the control panel.
8. Real defibrillator with safe defibrillation (shock) points and, AED and bedside monitor can be used.



ADVANCED LIFE SUPPORT SIMULATOR

MODEL CODE: ST/150 & ST/150+

KEY FEATURES

Anatomical Structure: 1 Year Old Baby

Length: 82 cm

Width: 29 cm

Height: 16 cm

Weight: 6 kg

- Not easily deformed special plastic
- Realistic appearance
- Eyes that can be opened and closed
- Rechargeable feature
- 6 hours of battery life
- 10" Tablet as control panel
- Wireless control



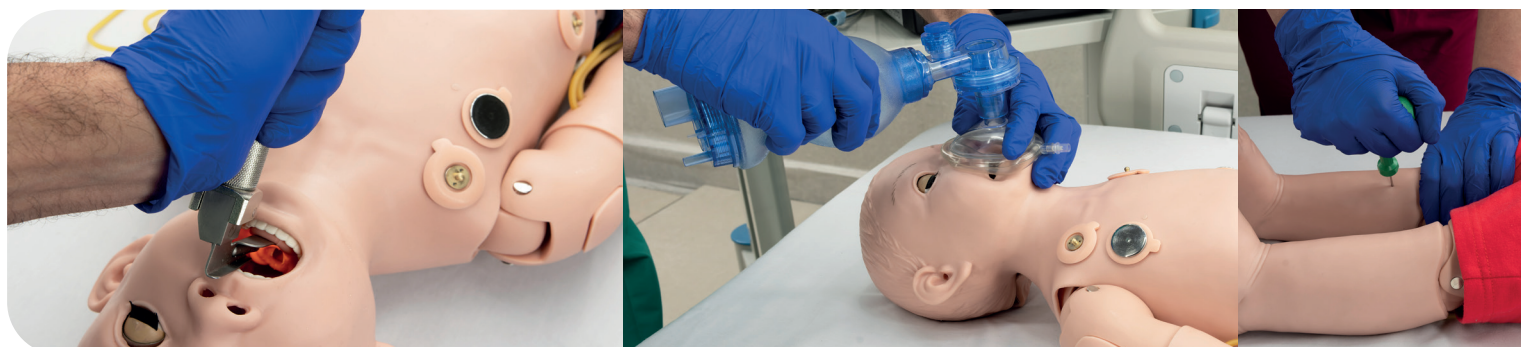
MODEL	TABLET AND CHARGABLE FEATURE WITH WIRELESS	CPR	ANAMNESIS SIMULATION	ECG & DEFIBRILLATION	RIGHT FEMORAL PULSE SYNCHRONIZED WITH ECG	INTUBATION	IV- IM INTERVENTION ON BOTH ARMS	IO INTERVENTION ON RIGHT LEG	FEEDBACK REPORTS FOR CPR AND INTUBATION APPLICATIONS
ST/150	✓ 7" Tablet	✓	✓	✓	✓	✓	✓	✓	
ST/150+	✓ 10" Tablet	✓ (INSTANT ELECTRONIC TRACKING OF PRACTICES)	✓	✓	✓	✓ (ELECTRONIC DETECTION OF TUBE POSITION)	✓	✓	✓

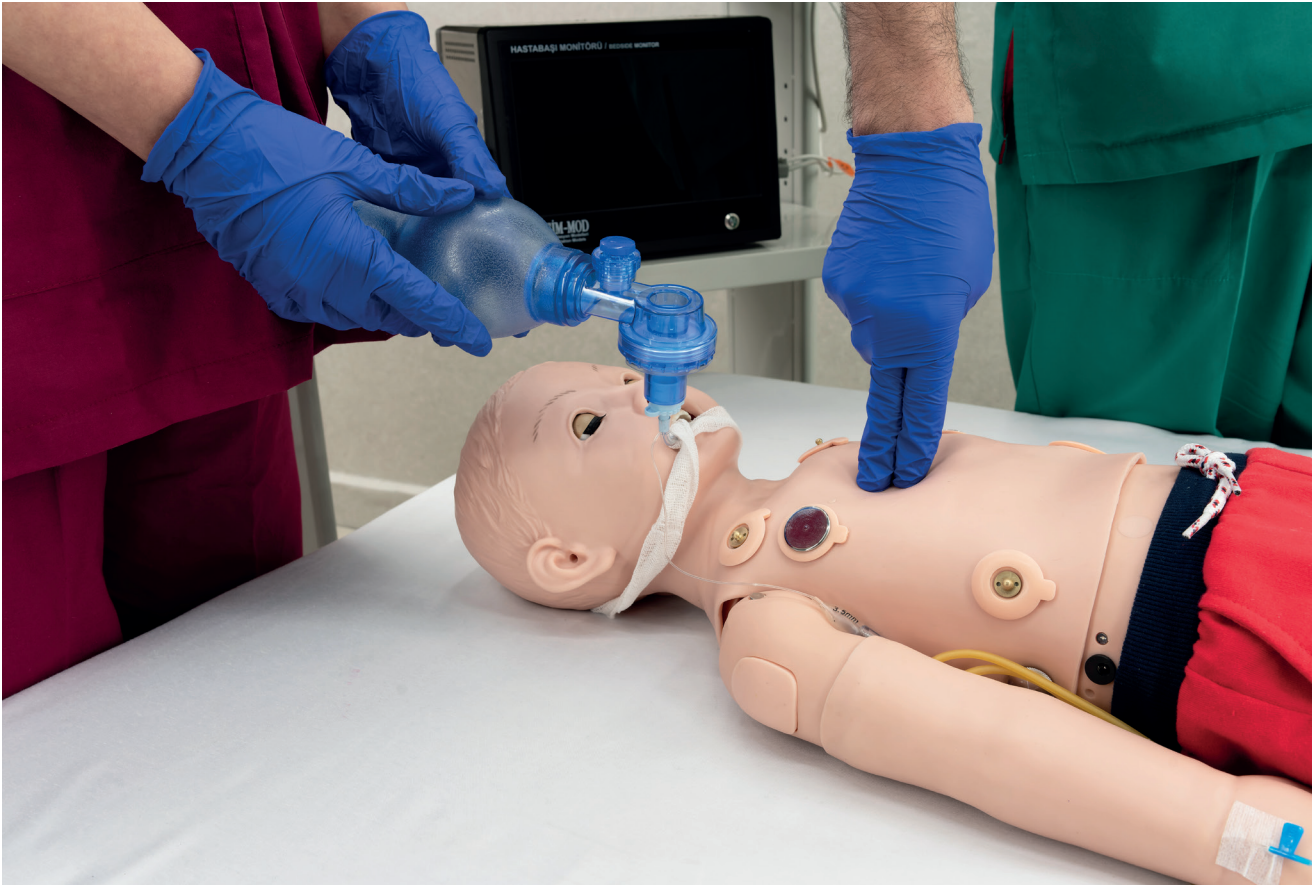
GENERAL APPLICATIONS

1. Easily movable neck, jaw, shoulder, hip, and knee joints.
2. The simulator can be voiced via the control panel for realistic anamnesis practice.
3. IV puncture, injection, transfusion, and drawing blood practices can be done from the basilic and cephalic veins of the bilateral forearm and dorsal surface of the hand.
4. IM injection into the vastus lateralis muscles of the thigh region and deltoid muscles of the upper arm.
5. Intraosseous (intra-bone) intervention from the right leg.

AIRWAY

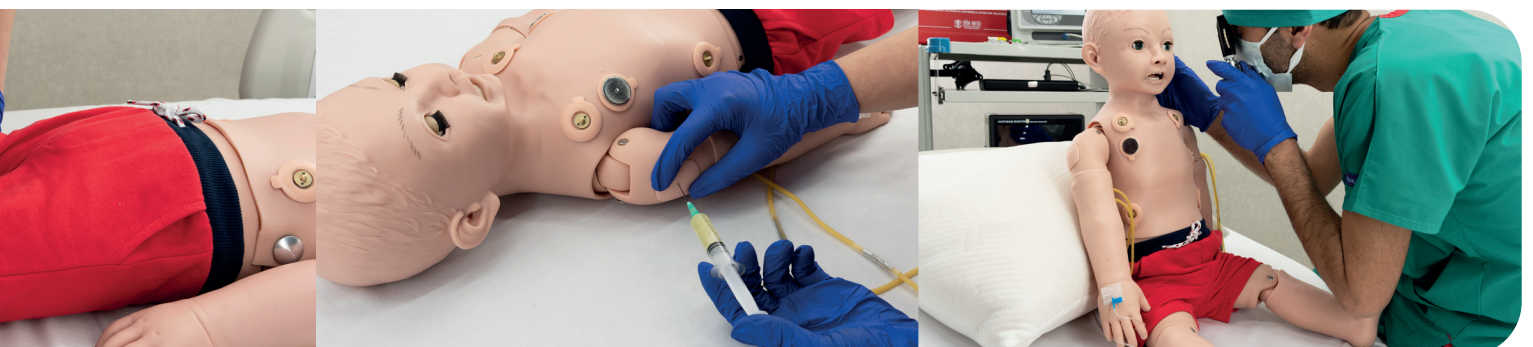
1. There are oral cavity, tongue, teeth, glottis, epiglottis trachea, esophagus, right and left lung structures.
2. Oral and nasal endotracheal intubation.
3. LMA, LTA and combi tube applications.
4. In endotracheal intubation application, the situation of sending the cannula to the trachea, right bronchus or esophagus can be monitored through the control panel.





CPR AND CARDIOLOGY PRACTICES

1. Femoral pulse synchronized with the selected ECG rhythm.
2. Artificial respiration from mouth-to-mouth, mouth-to-nose and with balloon masks can be done at realistic scales.
3. Realistic bilateral and unilateral chest rising.
4. Valve system that prevents the return of the air given to the manikin.
5. Steel spring system designed to perform heart massage at realistic values and to prevent collapse during the practices.
6. Follow-up of correct and incorrect CPR practices and the accuracy of opening the airway through the control panel.
7. 30 different ECG rhythms, which can be displayed through 4 ECG points and heart rate can be adjusted via the control panel.
8. Real defibrillator with safe defibrillation (shock) points and, AED and bedside monitor can be used.



TRAUMA ACCESSORIES

MODEL CODE: ST/165

KEY FEATURES

Wearable trauma module: 19 pieces

Attachable practical wound module: 30 pieces

Make-up moulage set that can be used by the user and on the manikin: 11 pieces

- Not easily deformed special plastic
- Realistic appearance
- Emergency response training in burn cases
- First aid training to be applied in surgical trauma
- Emergency response training for bleeding cases
- Trainings such as washing, disinfecting, suturing and wrapping the wound
- There is a make-up moulage set that can be used on real people and manikins for the simulation of injury cases.

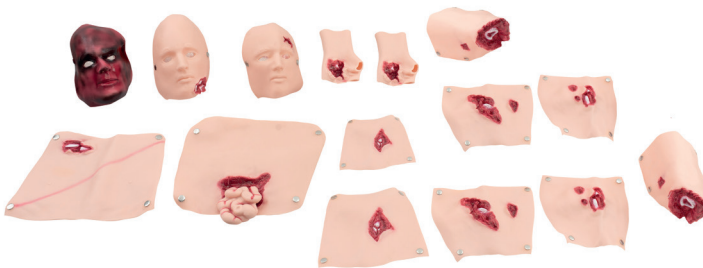
WEARABLE TRAUMA MODULES

1. 2nd and 3rd degree burns on the face.
2. 2nd and 3rd degree back burn.
3. 2nd and 3rd degree chest burn.
4. 2nd and 3rd degree forearm burn.
5. Injury in the forehead area.
6. Jaw injury.
7. Open clavicle fracture and chest crush.
8. Injury in the abdomen, protrusion of the intestine.
9. Open fracture of the humerus in the upper arm (2 pcs).
10. Gunshot wound in the palm (2 pcs).
11. Open fracture of the femur (2 pcs).
12. Fracture and open amputation in the thigh region (2 pcs).
13. Open fracture of the tibia (2 pcs).



ADHESIVE PRACTICAL WOUND MODULE

1. Practical wound modules (30 pcs) that can be adhered to various parts of the body or manikin.



MAKEUP MULAGE SET:

1. Accident simulation wax (2 pcs).
2. Wound modeling paste (2 packs in light and dark colors).
3. Artificial blood coagulant (1 pc.).
4. Artificial blood powder (5 bottles, each of it can make 1 liter of blood fluid).
5. Paint in 3 different colors: brown, yellow, red.
6. Plexiglass (for simulating broken glass) (1 pack).
7. Flaster (1 pc.).
8. Cream (1 pc.).
9. Abeslang (10 pcs).
10. Spray can (2 pcs).
11. Make-up cleaning cloth (1 pack).

SIMULATIVE DEFIBRILLATOR AND PACEMAKER

MODEL CODE : ST/160

KEY FEATURES

Length: 20 cm
Width: 40 cm
Height: 23 cm
Weight: 4,5 kg

- Rechargeable feature
- 8 hours of battery life
- 7" Tablet as control panel
- Wireless control
- It can be used on any training manikin or a human for training purposes.



ADVANCED
LIFE SUPPORT

GENERAL APPLICATIONS

1. There are 30 different ECG rhythms and the heart rate can be adjusted via the control panel. These rhythms can be displayed on the screen of the simulative defibrillator. The defibrillation feature does not pose a risk neither on a human or a manikin when shock required.
2. Reporting the information about rhythm change and shock with date and time record.

AUTOMATIC EXTERNAL DEFIBRILLATOR - FOR EDUCATIONAL PURPOSES

MODEL CODE: ST/159

KEY FEATURES

Length: 21 cm
Width: 28 cm
Height: 3.5cm
Weight: 1kg

- Rechargeable feature
- 8 hours of battery life
- Wireless control
- Adult, child, and baby pad set which does not leave traces when pasted



GENERAL APPLICATIONS

1. Directing the AED operation process in Turkish. (English and Russian directions are also option)
2. The positions of the electrode pads can be checked, and the process can be continued if they are correct.
3. Audible tracking of CPR and AED steps in scenarios.
4. Simulative shock can be applied in scenarios requiring shock.
5. Directing the users to apply the correct compression frequency with the metronome sound in CPR.
6. Controlling the device from distance with the remote.

CPR TRAINING SIMULATOR

MODEL CODE: ET/66A

KEY FEATURES

Anatomical Structure: Full Size Adult

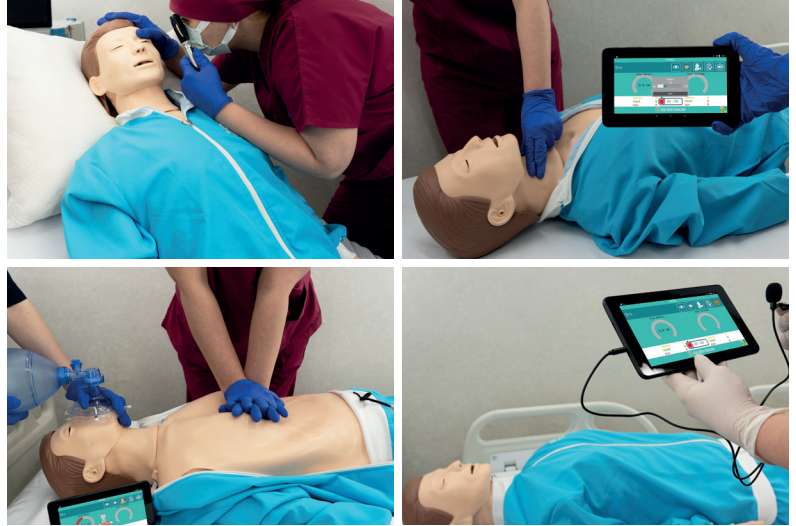
Length: 156 cm

Width: 46 cm

Height: 23cm

Weight: 11.4 kg

- Not easily deformed special plastic
- Realistic appearance
- Prominent nipples, xiphoid protrusion, collarbone, chest, and rib structure
- Low extremity is made of sponge to carry manikin easily and give position to it
- Replaceable face, neck and airway structures (spares are provided).
- Rechargeable feature
- 6 hours of battery life
- 7" Tablet as control panel
- Wireless control



GENERAL APPLICATIONS

1. Easily movable neck, jaw, and shoulder joints.
2. Steel spring system designed to perform heart massage at realistic values and to prevent collapse during the practices.
3. Artificial respiration from mouth-to-mouth, mouth-to-nose and with balloon masks can be done at realistic scales. Realistic chest rising can be observed during the artificial respiration.
4. Valve system that prevents the return of given air to the manikin.

CONTROLLING WITH TABLET

1. The diameters of the pupils can be changed as normal and mydriasis.
2. There are audio recordings such as coughing and normal breathing.
3. Automatic carotid pulse with adjustable beats.
4. Monitoring the accuracy of the airway opening process.
5. Monitoring the passage of air into the stomach, inadequate, adequate, and excessive applications of artificial respiration.
6. Follow-up of the correct hand position, insufficient, adequate, and excessive applications of cardiac massage.
7. Reporting of the results of CPR applications.



BASIC LIFE SUPPORT

CPR TRAINING SIMULATOR

MODEL CODE: ET/66C

KEY FEATURES

Anatomical Structure: Half Size Adult

Length: 75 cm

Width: 34 cm

Height: 23cm

Weight: 8.5 kg

- Not easily deformed special plastic
- Realistic appearance
- Prominent nipples, xiphoid protrusion, collarbone, chest, and rib structure
- Replaceable face, neck, and airway structures (spares are provided).
- Rechargeable feature
- 4 hours of battery life
- 7" Tablet as control panel
- Wireless control



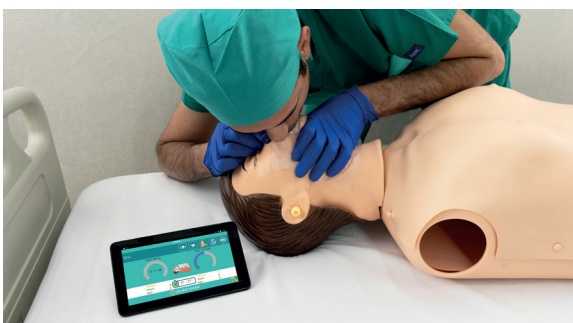
BASIC LIFE SUPPORT

GENERAL APPLICATIONS

1. Easily movable neck and jaw joints.
2. Steel spring system designed to perform heart massage at realistic values and to prevent collapse during the practices.
3. Artificial respiration from mouth-to-mouth, mouth-to-nose and with balloon masks can be done at realistic scales. Realistic chest rising can be observed during the artificial respiration.
4. Valve system that prevents the return of given air to the manikin.

CONTROLLING WITH TABLET

1. The diameters of the pupils can be changed as normal and mydriasis.
2. There are audio recordings such as coughing and normal breathing.
3. Automatic carotid pulse with adjustable beats.
4. Monitoring the accuracy of the airway opening process.
5. Monitoring the passage of air into the stomach, inadequate, adequate, and excessive applications of artificial respiration.
6. Follow-up of the correct hand position, insufficient, adequate, and excessive applications of cardiac massage.
7. Reporting of the results of CPR applications.



CPR TRAINING SIMULATOR

MODEL CODE: ET/71B - ET/71B+

KEY FEATURES

Anatomical Structure: Full Size Child

Length: 106 cm

Width: 36 cm

Height: 22 cm

Weight: 5.5 kg

- Not easily deformed special plastic
- Realistic appearance
- Prominent nipples, xiphoid protrusion, collarbone, chest, and rib structure
- Replaceable face, neck and airway structures (spares are provided).
- Rechargeable feature
- 6 hours of battery life
- 7" Tablet as control panel
- Wireless control



GENERAL APPLICATIONS

1. Easily movable neck, jaw, shoulder, hip, and knee joints.
2. Steel spring system designed to perform heart massage at realistic values and to prevent collapse during the practices.
3. Artificial respiration from mouth-to-mouth, mouth-to-nose and with balloon masks can be done at realistic scales. Realistic chest rising can be observed during the artificial respiration.
4. Valve system that prevents the return of given air to the manikin.

CONTROLLING WITH TABLET

1. Automatic femoral pulse with adjustable pulse rate.
2. Monitoring the accuracy of the airway opening process.
3. Monitoring the passage of air into the stomach, adequate and excessive applications of artificial respiration.
4. Follow-up of correct hand position, adequate and excessive applications of cardiac massage.
5. Reporting of the results of CPR applications.



MODEL	CPR NOTIFICATION SYSTEM	CHARGEABLE FEATURE	WIRELESS DATA TRANSFER	PULSE	REVIEW REPORTS OF CPR RESULTS
ET/71B	✓ (LIGHT CONTROLLER)	✓		✓ (MANUAL BILATERAL CAROTIS)	
ET/71B+	✓ (TABLET APPLICATION PROGRAM)	✓	✓	✓ (LEFT FEMORAL AUTOMATED BEAT NUMBER)	✓

CPR TRAINING SIMULATOR

MODEL CODE: ET/72B - ET/72B+

KEY FEATURES

Anatomical Structure: Full Size Baby

Length: 60 cm

Width: 26 cm

Height: 14 cm

Weight: 3.2 kg

- Not easily deformed special plastic
- Realistic appearance
- Prominent nipples, xiphoid protrusion, chest, and rib structure
- Replaceable face and airway structures (spares are provided).
- Rechargeable feature
- 6 hours of battery life
- 7" Tablet as control panel
- Wireless control



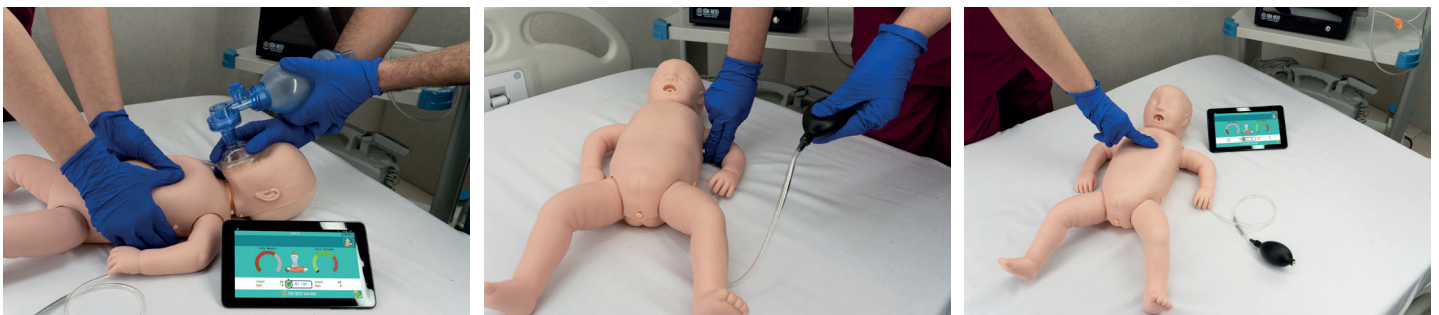
BASIC LIFE SUPPORT

GENERAL APPLICATIONS

1. Easily movable neck, jaw, shoulder, and hip joints.
2. Steel spring system designed to perform heart massage at realistic values and to prevent collapse during the practices.
3. Artificial respiration from mouth-to-mouth and with balloon masks can be done at realistic scales. Realistic chest rising can be observed during the artificial respiration.
4. Valve system that prevents the return of given air to the manikin.
5. Left brachial pulse generated through squeezing the plastic bulb.

CONTROLLING WITH TABLET

1. Monitoring the passage of air into the stomach, adequate and excessive applications of artificial respiration.
2. Follow-up of correct hand position, adequate and excessive applications of cardiac massage.
3. Reporting of the results of CPR applications.



MODEL	CPR NOTIFICATION SYSTEM	CHARGEABLE FEATURE	WIRELESS DATA TRANSFER	PULSE	REVIEW REPORTS OF CPR RESULTS
ET/72B	✓ (LIGHT CONTROLLER)	✓		✓	
ET/72B+	✓ (TABLET APPLICATION PROGRAM)	✓	✓	✓	✓

CPR AND OBSTRUCTION TRAINING MANIKIN

MODEL CODE: ET/73B

KEY FEATURES

Anatomical Structure: Half Size Adult

Length: 69 cm

Width: 42 cm

Height: 21 cm

Weight: 7.6 kg

- Not easily deformed special plastic
- Realistic appearance
- Prominent nipples, xiphoid protrusion, collarbone, chest, and rib structure
- Replaceable mouth and nose structures (spares are provided).
- Battery operated CPR audio feedback system



GENERAL APPLICATIONS

1. Easily movable head and neck structures.
2. Artificial respiration from mouth-to-mouth and with balloon masks can be done at realistic scales. Realistic chest rising can be observed during the artificial respiration.
3. Valve system that prevents the return of given air to the manikin.
4. Steel spring system designed to perform heart massage at realistic values and to prevent collapse during the practices.
5. Audio system becomes active with correct hand position and sufficient pressure during the heart massage.
6. Carotid pulse generated through squeezing the plastic bulb.
7. Airway foreign body obstruction and Heimlich maneuver.
8. Spontaneous breathing with auxiliary apparatus.



CPR AND OBSTRUCTION TRAINING MANIKIN

MODEL CODE: ET/74

KEY FEATURES

Anatomical Structure: Full Size Baby

Length: 53 cm

Width: 35 cm

Height: 14cm

Weight: 1.25 kg

- Not easily deformed special plastic and filled body
- Realistic appearance.
- Replaceable face and airway structures (spares are provided).



GENERAL APPLICATIONS

1. Easily movable neck, jaw, shoulder, and hip joints.
2. Artificial respiration from mouth-to-mouth and with balloon masks can be done at realistic scales. Realistic chest rising can be observed during the artificial respiration.
3. Heart massage.
4. Simulation of airway obstruction and removal of foreign body by tapping on the back.

BASIC LIFE
SUPPORT



AUSCULTATION SIMULATOR

MODEL CODE: ET/92

KEY FEATURES

Anatomical Structure: Half Size Adult Male

Length: 76 cm

Width: 43 cm

Height: 27 cm

Weight: 9.4 kg

- Not easily deformed special plastic
- Realistic appearance and anatomical structure
- Cardiopulmonary auscultation and palpation training
- Special electronic stethoscope for individual study and transferring the sound to the outside via loudspeaker
- Special lighting system that makes it easy to determine the auscultation points.



GENERAL APPLICATIONS

1. 52 different types of heart and 31 types of breathing sounds that can be heard from 51 auscultation areas.
2. Comparison of 27 normal and abnormal lung sounds.
3. The selected sound can be heard through the stethoscope when the electronic stethoscope is placed in the correct position.
4. Functions that can be selected from the electronic control unit and with the remote control.

BUTTOCK INTRAMUSCULAR INJECTION SIMULATOR

MODEL CODE: NS/114B

KEY FEATURES

Anatomical Structure: Adult Buttock Structure

Length: 37 cm

Width: 34 cm

Height: 22 cm

Weight: 3.60 kg

- Special plastic that is not easily deformed.
- Realistic appearance.
- Observing bone, muscle and sciatic nerve structures in one-side transparent hip structure.
- Palpable injection site.
- Battery powered electronic feedback support.



GENERAL APPLICATIONS

1. Sound and light electronic feedback supported gluteus maximus muscle injection.
2. Easy evacuation of fluid injected into the muscle structure.



TRACHEAL INTUBATION TRAINING SIMULATOR

MODEL CODE: ST/152

KEY FEATURES

Anatomical Structure: Adult head-neck-chest torso

Length: 70 cm

Width: 27 cm

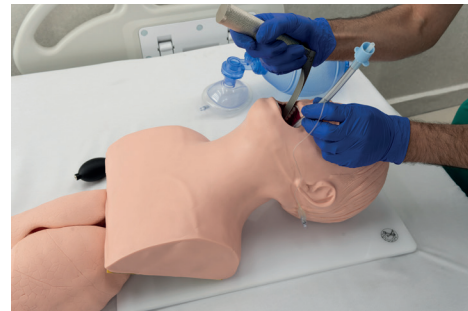
Height: 24 cm

Weight: 5.5 kg

- Not easily deformed special plastic
- Realistic appearance
- Realistic head, jaw, and neck movements
- Audible warning in case of excessive pressure on the tooth

AIRWAY CONTROL

1. There are oral cavity, tongue, teeth, glottis, epiglottis, trachea, esophagus, lung, and stomach structures. Lung and stomach can swell if air is given.
2. Oral and nasal endotracheal intubation, sputum suction, NG-OG feeding and oxygen inhalation trainings.
3. Artificial respiration can be done from mouth to mouth, mouth-to-nose and with ventilation mask
4. Cannula position can be determined by inhalation. If cannula accidentally entered to esophagus, the stomach would swell when air is given and stomach alarm will be active.
5. Edema (laryngospasm) that can be made by external intervention.
6. Classical Sellick maneuver (cricoid pressure) can be done to have a better view of the vocal cords.



PSYCHOMOTOR SKILLS

TRACHEAL INTUBATION TRAINING SIMULATOR

MODEL KODU: ET/80

KEY FEATURES

Anatomical Structure: 5-8 years old child

Length: 48 cm

Width: 27 cm

Height: 20cm

Weight: 3.25 kg

- Not easily deformed special plastic
- Realistic appearance
- Realistic head and neck movements



1. Oral cavity, tongue, teeth, glottis, epiglottis, trachea, esophagus structures and lung and stomach structures that can swell if air is given.
2. Oral and nasal endotracheal intubation, sputum suction, NG-OG feeding and oxygen inhalation trainings.
3. Artificial respiration from mouth-to-mouth, mouth-to-nose and with ventilation mask.
4. Cannula position can be determined by inhalation. Observing swelling of the stomach when air is given if the cannula is entered into the esophagus.

TRACHEAL INTUBATION TRAINING SIMULATOR

MODEL CODE: ST/153

KEY FEATURES

Anatomical Structure: Baby head-neck

Length: 36 cm

Width: 26 cm

Height: 18 cm

Weight: 2.04 kg



- Not easily deformed special plastic
- Realistic appearance
- Eyes can be opened and closed
- Realistic head and neck movements

AIRWAY CONTROL

1. There are oral cavity, tongue, teeth, glottis, epiglottis, trachea, esophagus, lung, and stomach structures. Lung and stomach can swell if air is given.
2. Oral and nasal endotracheal intubation, sputum suction, NG-OG feeding and oxygen inhalation trainings.
3. Artificial respiration can be done from mouth to mouth, mouth-to-nose and with ventilation mask
4. Cannula position can be determined by inhalation. If cannula accidentally entered to esophagus, the stomach would swell when air is given and stomach alarm will be active.

ADULT CRICOTHYROTOMY APPLICATION SIMULATOR

MODEL CODE: ST/154

KEY FEATURES

Anatomical Structure: Adult neck dorsal extension

Length: 31 cm

Width: 27 cm

Height: 12 cm

Weight: 2.25 kg

- Not easily deformed special plastic
- Realistic appearance
- Replaceable tracheal cartilage and neck skin (spares are provided)



GENERAL APPLICATIONS

1. Practice of thyrocricoid puncture, cricothyrotomy and percutaneous tracheostomy can be done.
2. Many types of incisions, such as longitudinal, transverse, cross, U-type and inverted U-type.
3. Simulating the pressure encountered during the intervention of trachea by filling the trachea structure with air through the pump.

PNEUMOTHORAX TRAINING SIMULATOR

MODEL CODE: ST/156

KEY FEATURES

Anatomical Structure: Adult

Length: 47 cm

Width: 35 cm

Height: 20 cm

Weight: 6.6 kg

- Not easily deformed special plastic
- Realistic appearance and anatomical structure
- Clavicle, costae and sternum can be felt to determine the correct position
- Light notification system indicating that the air is at a sufficient level together with the silent internal compressor that provides automatic air filling into the pleural cavity before the intervention.
- Rechargeable feature
- Long-lasting battery life
- Replaceable breast skin (spare skin is provided)



GENERAL APPLICATIONS

1. Possibility of puncture at the level of the second intercostal space of the bilateral subclavian center line and the fifth intercostal of the axillary line.
2. Different degrees of pneumothorax operation because of the automatic air filling system.

BP MEASUREMENT TRAINING SIMULATOR

MODEL CODE: NS/118

KEY FEATURES

Anatomical Structure: Adult Arm Structure

Length: 71 cm

Width: 13 cm

Height: 9 cm

Weight: 1 kg

- Not easily deformed special plastic
- Realistic appearance
- Palpable realistic vascular structure
- Replaceable arm skin, vascular and deltoid muscle pad structure
- Rechargeable feature
- 8 hours of battery life
- 7" Tablet as control panel
- Wireless control



GENERAL APPLICATIONS

1. Noninvasive blood pressure (BP) measurement.
2. Changing systolic (SBP) and diastolic (DBP) blood pressure values and heart rate parameters via the control panel.
3. IV puncture, injection, transfusion, and blood drawing can be done on the basilic, cephalic and antecubital veins of the forearm and the digital and metacarpal veins on the dorsal surface of the hand.
4. IM injection into deltoid muscle of the upper arm.

CHILD INTRAOSSEOUS INTERVENTION SIMULATOR

MODEL CODE: ST/155

KEY FEATURES

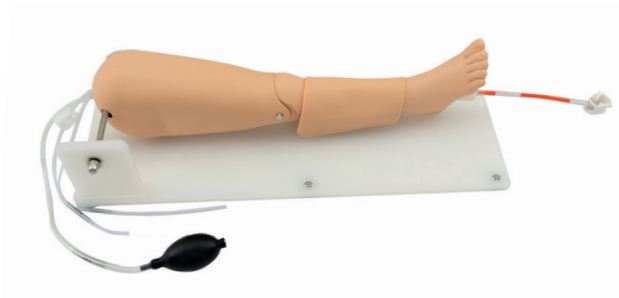
Anatomical Structure: Child

Length: 54.5 cm

Width: 20 cm

Height: 15 cm

Weight: 2.14 kg



- Not easily deformed special plastic
- Realistic appearance
- Tibia bone structure that can be easily punctured, can be used on all 4 surfaces, and can be filled with blood.
- Replaceable tibia bone module and leg skin (spares are provided).

GENERAL APPLICATIONS

1. Bone marrow puncture (Intraosseous).
2. A realistic feeling of falling into the bone cavity and observing the fluid flow during the intervention.
3. Femoral vein puncture and injection applications.
4. Femoral artery can be felt by squeezing the plastic bulb by hand.

ADULT INTRAOSSEOUS INTERVENTION SIMULATOR

MODEL CODE: ST/158

KEY FEATURES

Anatomical Structure: Adult Left Lower Leg

Length: 92 cm

Width: 20 cm

Height: 24 cm

Weight: 3.90 kg



- Not easily deformed special plastic
- Realistic appearance
- Tibia bone structure that can be easily punctured, can be used on all 4 surfaces, and can be filled with blood.
- Replaceable tibia bone module and leg skin (spares are provided).

GENERAL APPLICATIONS

1. Bone marrow puncture (Intraosseous),
2. A realistic feeling of falling into the bone cavity and observing the fluid flow during the intervention.



IV AND IM INJECTION TRAINING ARM

MODEL CODE: NS/109

KEY FEATURES

Anatomical Structure: Child Arm Structure

Length: 36.5 cm

Width: 8 cm

Height: 7.5 cm

Weight: 1.5 kg

- Not easily deformed special plastic
- Realistic appearance
- Palpable realistic vascular structure
- Replaceable arm skin, vascular and deltoid muscle pad structure



GENERAL APPLICATIONS

1. IV puncture, injection, transfusion, and blood drawing can be done on the basilic, cephalic of the forearm and the dorsal surface of the hand.
2. IM injection into deltoid muscle of the upper arm.

IV AND IM INJECTION TRAINING ARM

MODEL CODE: NS/98B

KEY FEATURES

Anatomical Structure: Adult Arm Structure

Length: 71 cm

Width: 13 cm

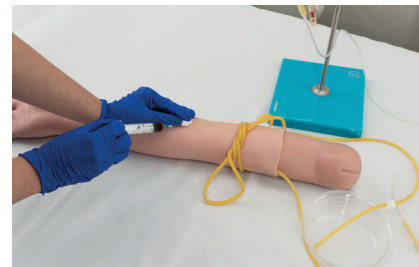
Height: 9 cm

Weight: 2kg

- Not easily deformed special plastic
- Realistic appearance
- Palpable realistic vascular structure
- Replaceable arm skin, vascular and deltoid muscle pad structure

GENERAL APPLICATIONS

1. IV puncture, injection, transfusion, and blood drawing can be done on the basilic, cephalic and antecubital veins of the forearm and the digital and metacarpal veins on the dorsal surface of the hand.
2. IM injection into deltoid muscle of the upper arm.



LUMBAR PUNCTION SIMULATOR

MODEL CODE: CT/55A

KEY FEATURES

Anatomical Structure: Adult Waist Structure

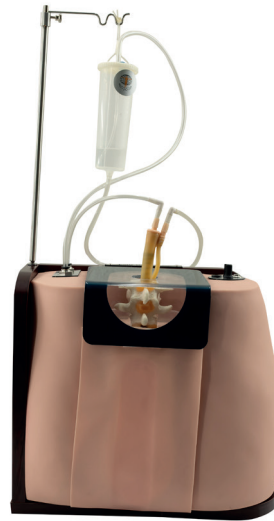
Length: 37 cm

Width: 19 cm

Height: 33 cm

Weight: 6.5 kg

- Not easily deformed special plastic
- Realistic appearance
- Palpable general lumbar spine and sacral structure and vertebral and intervertebral structures
- Practicing in sitting or lateral position
- Automatic liquid circulation system
- Rechargeable



GENERAL APPLICATIONS

1. Lumbar puncture training from the L1- L2, L2-L3, L3-L4, L4-L5, L5-S1 intervertebral openings with using simulative spinal fluid.
2. Realistic training with cerebrospinal fluid (CSF) circulation system which's pressure can be adjustable electronically.

PROSTATE EXAMINATION SIMULATOR

MODEL CODE: NS/132

KEY FEATURES

Anatomical Structure: Adult hip and genital structure

Length: 32 cm

Width: 42 cm

Height: 22 cm

Weight: 3.5 kg

- Not easily deformed special plastic
- Realistic appearance
- Anus, rectum, and prostate gland structures



GENERAL APPLICATIONS

1. Training of prostate cancer examination with rectal palpation.
2. 4 replaceable prostate modules.
 - a. Slightly enlarged benign prostate gland.
 - b. Prostate gland in the initial stage of cancer with hard nodules in the right and left lobes.
 - c. Prostate gland simulates mid-level cancer that hard mass on its surface.
 - d. Prostate gland simulates the last stage of cancer that its entire surface is hard and irregular.

MALE URETHRAL CATHETERIZATION TRAINING SIMULATOR

MODEL CODE: NS/89A

KEY FEATURES

Anatomical Structure: Adult Male

Length: 52 cm

Width: 36 cm

Height: 18 cm

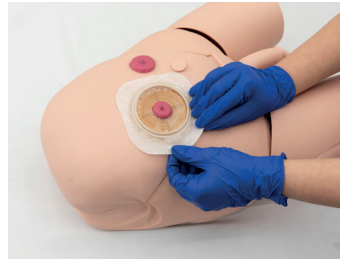
Weight: 5.62 kg

- Not easily deformed special plastic
- Realistic appearance
- Replaceable IM pad structure
- Realistic sphincter resistance at bladder entrance



GENERAL APPLICATIONS

1. IM injection into bilateral vastus lateralis in thigh area and right gluteus muscle.
2. Urethral catheterization and bladder irrigation with using fluid.
3. Ostomy (colostomy and ileostomy) care.
4. Enema administration with using liquid.
5. Testicular examination.



PSYCHOMOTOR SKILLS

FEMALE URETHRAL CATHETERIZATION TRAINING SIMULATOR

MODEL CODE: NS/89B

KEY FEATURES

Anatomical Structure: Adult Female

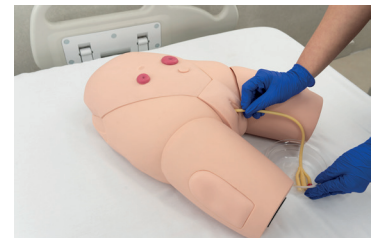
Length: 52 cm

Width: 36 cm

Height: 18 cm

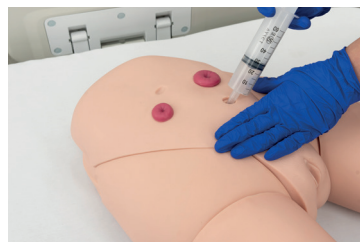
Weight: 5.30 kg

- Not easily deformed special plastic
- Realistic appearance
- Replaceable IM pad structure
- Realistic sphincter resistance at bladder entrance



GENERAL APPLICATIONS

1. IM injection into bilateral vastus lateralis in thigh area and right gluteus muscle.
2. Urethral catheterization and bladder irrigation with using fluid.
3. Ostomy (colostomy and ileostomy) care.
4. Enema administration with using liquid.
5. Perineum care.



BUTTOCKS INTRAMUSCULAR INJECTION SIMULATOR

MODEL CODE: NS/114E

KEY FEATURES

Anatomical Structure: Adult Hip Structure

Length: 36 cm

Width: 33 cm

Height: 21 cm

Weight: 2.91 kg

- Not easily deformed special plastic
- Realistic appearance
- Palpable injection areas compatible with hip anatomy
- Hip positioning base for ventrogluteal injection
- Rechargeable feature
- 6 hours of battery life
- 7" Tablet as control panel
- Wireless control



GENERAL APPLICATIONS

1. Bilateral ventrogluteal and dorsogluteal injection application.
2. Liquid injection and automatic drainage application.
3. Users can train and evaluate themselves with the software in the tablet. These evaluations can be saved in PDF format.
4. Evaluation and scoring feature for injection and pre-injection preparation processes.
5. Instant feedback tracking and reporting feature.
6. Accurate feedback on injection site and depth.

SUTURE TRAINING SET

MODEL CODE: NS/135

KEY FEATURES

Length: 29.5 cm

Width: 17.5 cm

Height: 7 cm

Weight: 0.95 kg

- Special carrying case
- Various equipment such as needle holder, scissors, toothed tweezers, scalpel and tip set, thread, and suture needle are provided.
- A suture pad contains the skin, subcutaneous fat, and muscle layers. The pad can stay stable on the desktop

GENERAL APPLICATIONS

1. Surgical incision and suture training practices.



SURGICAL SUTURE ARM SIMULATOR

MODEL CODE: NS/133

KEY FEATURES

Length: 60 cm
Width: 11 cm
Height: 8.5 cm
Weight: 1.3 kg

- Not easily deformed special plastic
- Realistic appearance
- Skin and muscle layers
- Durable skin structure
- Various equipment such as needle holder, toothed tweezers, suture needles and threads are provided

GENERAL APPLICATIONS

1. Surgical incision and suture training practices.



SURGICAL SUTURE LEG SIMULATOR

MODEL CODE: NS/134

KEY FEATURES

Length: 73 cm
Width: 22 cm
Height: 14 cm
Weight: 2 kg

- Not easily deformed special plastic
- Realistic appearance
- Skin and muscle layers
- Durable skin structure
- Various equipment such as needle holder, toothed tweezers, suture needles and threads are provided.

GENERAL APPLICATIONS

1. Surgical incision and suture training practices.



NURSING CARE SIMULATOR

MODEL CODE: NS/51B

KEY FEATURES

Anatomical Structure: Adult Male

Length: 175 cm

Width: 49 cm

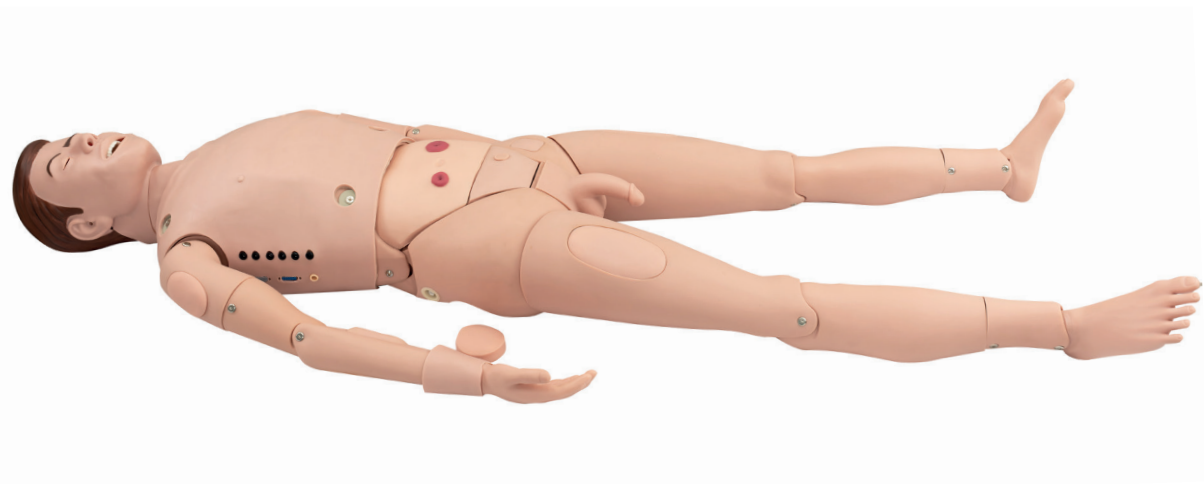
Height: 22 cm

Weight: 25 kg

- Not easily deformed special plastic
- Realistic appearance
- One pupil is normal, the other pupil is mydriasis.
- Prominent nipples, xiphoid process, chest, and rib structure
- Replaceable vein and injection pad structure (spares are provided)
- 7 modules for trauma assessment and care applications
- Rechargeable feature
- 8 hours of battery life
- 7" Tablet as control panel
- Wireless control

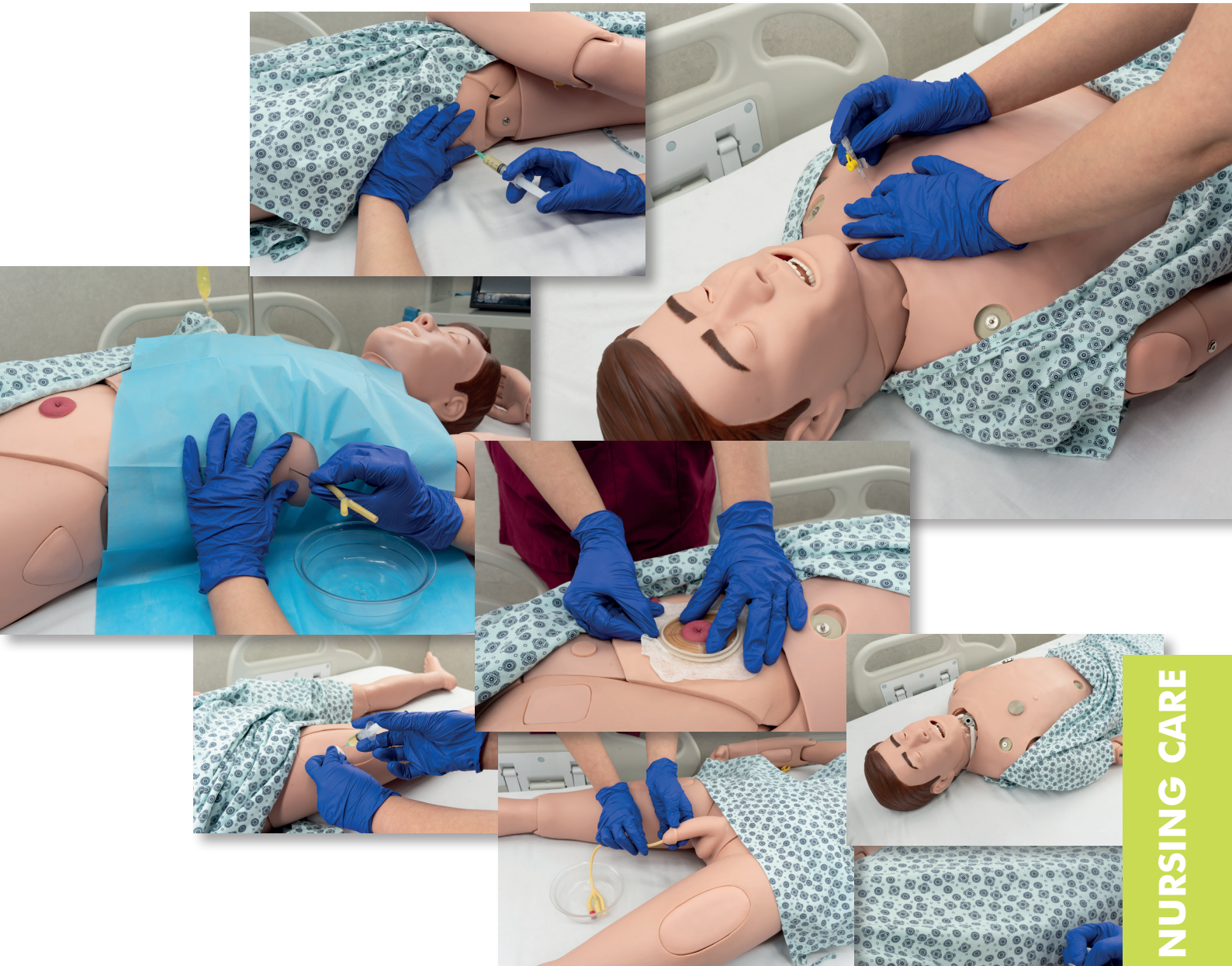
GENERAL APPLICATIONS

1. Easily movable head, neck, waist, arm, and leg joints.
2. Carotid and radial pulse generated via the plastic bulb.
3. Thoracentesis and pleural effusion.
4. Bilateral pneumothorax in the midclavicular line.
5. Breast examination with replaceable female breast structure.
6. Application of IV puncture, injection, transfusion and blood drawing from bilateral forearm basilic, cephalic veins and dorsal surface of hand.
7. Noninvasive blood pressure (BP) measurement; systolic (SBP), diastolic (DBP) blood pressure values can be adjusted via the control panel.
8. IM injection into bilateral deltoid and vastus lateralis muscles of the thigh region.
9. IM hip injection in the ventrogluteal and dorsogluteal area.
10. Oral and nasal feeding.
11. Sputum suction and gastrolavage.
12. Male-female urethral catheterization and bladder irrigation where realistic sphincter resistance can be felt.
13. Ostomy (colostomy and ileostomy) care.
14. Enema administration with using liquid.



AIRLINE CONTROL AND CPR APPLICATIONS

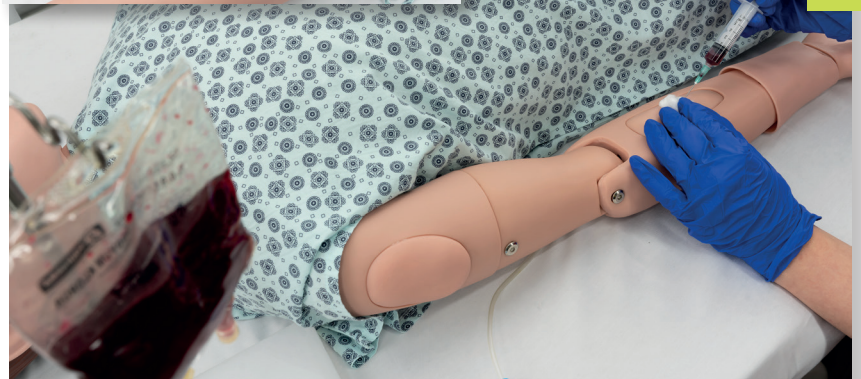
1. Oral cavity, tongue, teeth, glottis, epiglottis, trachea, esophagus, right-left lung and stomach structures.
2. Audible feedback in esophageal intubation with oral and nasal endotracheal intubation.
3. Simulations of jaw locking, neck stiffness, difficult intubation applications with laryngeal edema formation.
4. Tracheostomy care.
5. Follow-up of correct and incorrect CPR applications and the accuracy of airway opening via the control panel.



NURSING CARE

TRAUMA EDUCATION

1. Incision and suture in the chest.
2. Abdominal incision and suture.
3. Incision and suture in the thigh region.
4. Infected wound care in the thigh area.
5. Laceration in the thigh area.
6. Foot gangrene formation and wound care.
7. Amputated leg.



BABY CPR, AUSCULTATION AND NURSING CARE SIMULATOR

MODEL CODE: ET/57C

KEY FEATURES

Anatomical Structure: Baby

Length: 70 cm

Width: 23 cm

Height: 15 cm

Weight: 4.8 kg



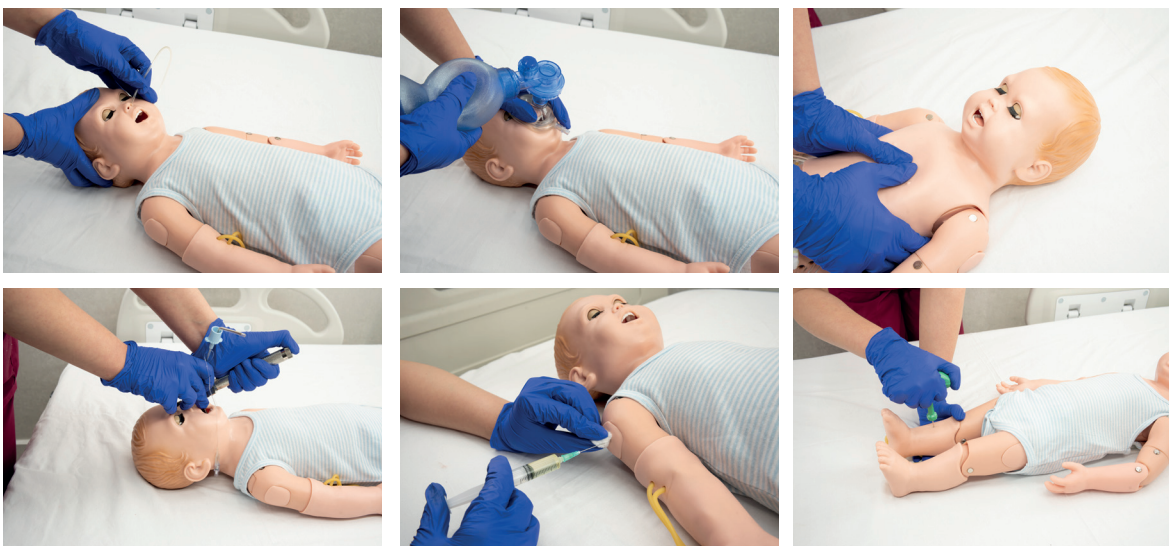
- Not easily deformed special plastic
- Realistic appearance
- One pupil is normal and the other pupil is mydriasis.
- Prominent nipples, xiphoid process, chest, and rib structure
- Electronic auscultation and CPR controller with rechargeable use
- Replaceable vein and skin structure
- Chest organs such as heart, lung, stomach, liver

GENERAL APPLICATIONS

1. Easily movable head, neck, waist, arm, and leg joints.
2. Right radial, brachial, and femoral, pulse generated via the plastic bulb.
3. Auscultation of normal and abnormal heart, lung, and bowel sounds.
4. IV puncture, injection, transfusion and blood drawing from right arm cephalic, right femoral and left great saphenous veins.
5. IM injection into bilateral deltoid, the vastus lateralis muscles of the thigh region.
6. Oral and nasal feeding.
7. Sputum suction and gastrolavage.
8. Female-male urethral catheterization and bladder irrigation.
9. Ostomy (colostomy and ileostomy) care.
10. Enema application with using liquid.
11. Intraosseous intervention to the tibia bone structure in the right leg.
12. Lots of nursing training applications such as breastfeeding, bathing, diaper changing, simulated temperature measurement, oral care, ear and eye drops application, bandaging, cold and hot therapy.

AIRWAY CONTROL AND CPR TRAINING

1. Oral cavity, tongue, teeth, glottis, epiglottis, trachea, esophagus, right-left lung, and stomach structures.
2. Oral and nasal endotracheal intubation.
3. A control device with light notification that informs the user about the inadequate, sufficient, and excessive operation in cardiac massage and artificial respiration applications.



NEONATAL CPR, AUSCULTATION AND NURSING CARE SIMULATOR

MODEL CODE: ET/56C

KEY FEATURES

Anatomical Structure: Newborn

Length: 52 cm

Width: 23 cm

Height: 15 cm

Weight: 3.2 kg



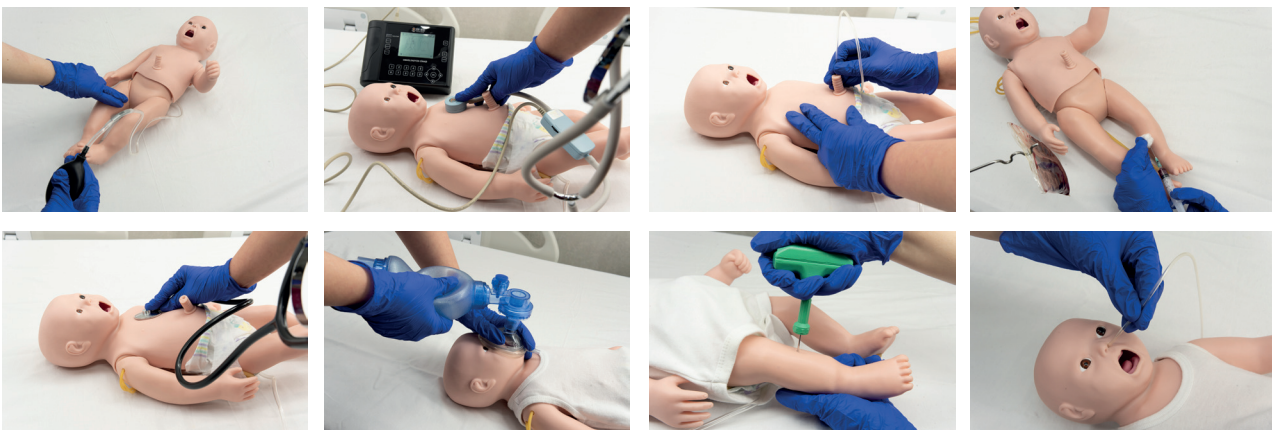
- Not easily deformed special plastic
- Realistic appearance
- One pupil is normal and the other pupil is mydriasis.
- Prominent nipples, xiphoid process, chest, and rib structure
- Electronic auscultation and CPR controller with rechargeable use
- Replaceable vein and skin structure
- Chest organs such as heart, lung, stomach, liver

GENERAL APPLICATIONS

1. Easily movable neck, arm, and leg joints.
2. Right radial, right brachial, right femoral, left foot dorsal pedis, and umbilical pulse generated via the plastic bulb.
3. Auscultation of normal and abnormal heart, lung and bowel sounds.
4. IV puncture, injection, transfusion and blood drawing from the skull, right arm cephalic, right femoral, left great saphenous and umbilical veins.
5. Intubation and transfusion via umbilical vein, umbilical cord ligation and care.
6. Oral and nasal feeding.
7. Sputum suction and gastrolavage.
8. Intraosseous intervention to the tibia bone structure in the right leg.
9. Lots of nursing training applications such as breastfeeding, bathing, diaper changing, simulated temperature measurement, oral care, ear and eye drops application, bandaging, cold and hot therapy.

AIRWAY CONTROL AND CPR TRAINING

1. Oral cavity, tongue, teeth, glottis, epiglottis, trachea, esophagus, right-left lung, and stomach structures.
2. Oral and nasal endotracheal intubation.
3. A control device with light notification that informs the user about the inadequate, sufficient, and excessive operation in cardiac massage and artificial respiration applications.



COMPREHENSIVE TRAUMA AND NURSING CARE TRAINING MANIKIN

MODEL CODE: NS/53B

KEY FEATURES

Anatomical Structure: Adult Male

Length: 175 cm

Width: 47 cm

Height: 22 cm

Weight: 17 kg

- Not easily deformed special plastic
- Realistic appearance
- Replaceable vein and injection pad structures
- 24 modules for trauma assessment and care applications

GENERAL APPLICATIONS

1. Easily movable head, neck, waist, arm and leg joints.
2. Application of IV puncture, injection, transfusion and blood drawing from bilateral forearm basilic, cephalic veins and dorsal surface of hand.
3. IM injection into the bilateral deltoid and vastus lateralis muscles of the thigh region.
4. IM hip injection on the ventrogluteal and dorsogluteal area.
5. Thoracentesis, abdominocentesis, liver and lumbar puncture.
6. Oral and nasal feeding.
7. Sputum suction and gastrolavage.
8. Male-female urethral catheterization and bladder irrigation where realistic sphincter resistance can be felt.
9. Ostomy (colostomy and ileostomy) care.
10. Enema administration with using liquid.

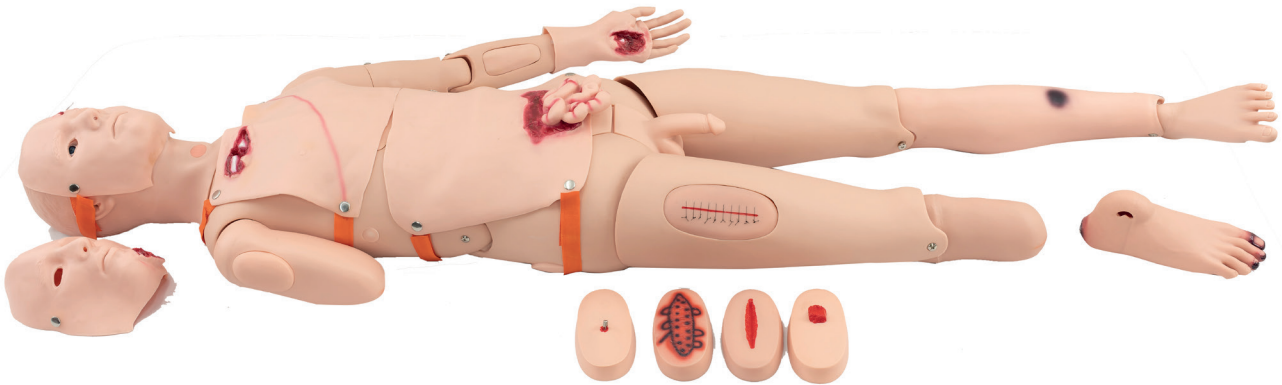
AIRWAY CONTROL

1. Oral cavity, tongue, teeth, glottis, epiglottis, trachea, esophagus, right-left lung and stomach structures.
2. Audible feedback in esophageal intubation with oral and nasal endotracheal intubation.
3. Difficult intubation practice with jaw locking simulation.
4. Tracheostomy care.



TRAUMA EDUCATION

1. 2nd and 3rd degree burns on the face.
2. Injury in the forehead area.
3. Jaw injury.
4. Open clavicle fracture and chest crush.
5. Injury in the abdomen, protrusion of the intestine.
6. Open fracture of the humerus in the upper arm.
7. Open fracture of the right hand (soft tissue rupture, fracture and crushed bone).
8. Gunshot wound in the palm.
9. Open fracture of the femur.
10. Fracture in the thigh area.
11. Injury with a foreign body in the thigh area.



12. Open fracture of the tibia.
13. Open fracture of the right foot and amputation of the little finger.
14. 1st, 2nd and 3rd degree burns on the left forearm.
15. Fragmentation and rupture in the thigh region.
16. Closed tibial fracture of left leg and crushed ankle bone.
17. Incision and suture in the chest.
18. Abdominal incision and suture.
19. Incision and suture in the thigh region.
20. Infected wound care in the thigh area.
21. Laceration in the thigh area.
22. Foot gangrene formation and wound care.
23. Amputated upper arm.
24. Amputated leg.



MAKEUP MULAGE SET:

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Accident simulation wax (2 pcs). 2. Wound modeling paste (2 packs in light and dark colors). 3. Artificial blood coagulant (1 pc.). 4. Artificial blood powder (5 bottles, each of which can make 1 liter of blood fluid). 5. Paint in 3 different colors: brown, yellow, red. | <ol style="list-style-type: none"> 6. Plexiglass (for simulating broken glass) (1 pack). 7. Flaster (1 pc.). 8. Cream (1 pc.). 9. Abeslang (tongue depressor) (10 pcs). 10. Spray can (2 pcs). 11. Make-up cleaning cloth (1 pack). |
|---|---|



NURSING CARE

NASOGASTRIC FEEDING AND TRACHEAL INTUBATION CARE TRAINING SIMULATOR

MODEL CODE: NS/78

KEY FEATURES

Anatomical Structure: Adult Male

Length: 72 cm

Width: 35 cm

Height: 20 cm

Weight: 7 kg

- Not easily deformed special plastic
- Realistic appearance
- Replaceable thoracentesis and liver puncture reservoirs

GENERAL APPLICATIONS

1. Carotid pulse generated via the plastic bulb.
2. Thoracentesis and liver puncture.
3. Oral and nasal feeding.
4. Sputum suction and gastrolavage.

AIRWAY CONTROL

1. Oral cavity, tongue, teeth, glottis, epiglottis, trachea, esophagus, right-left lung and stomach structures.
2. Audible feedback in esophageal intubation with oral and nasal endotracheal intubation.
3. Difficult intubation practice with jaw locking simulation.
4. Tracheostomy care.



GASTRIC LAVAGE TRAINING SIMULATOR

MODEL CODE: NS/81

KEY FEATURES

Anatomical Structure: Adult Male

Length: 85.5 cm

Width: 36 cm

Height: 22 cm

Weight: 10.5 kg

- Not easily deformed special plastic
- Realistic appearance
- Heart, stomach, liver, gall bladder, spleen, diaphragm and thick-thin transparent chest wall showing intestinal structures
- Heart, main arteries and veins, liver, stomach and intestinal structures can be removed and examined.

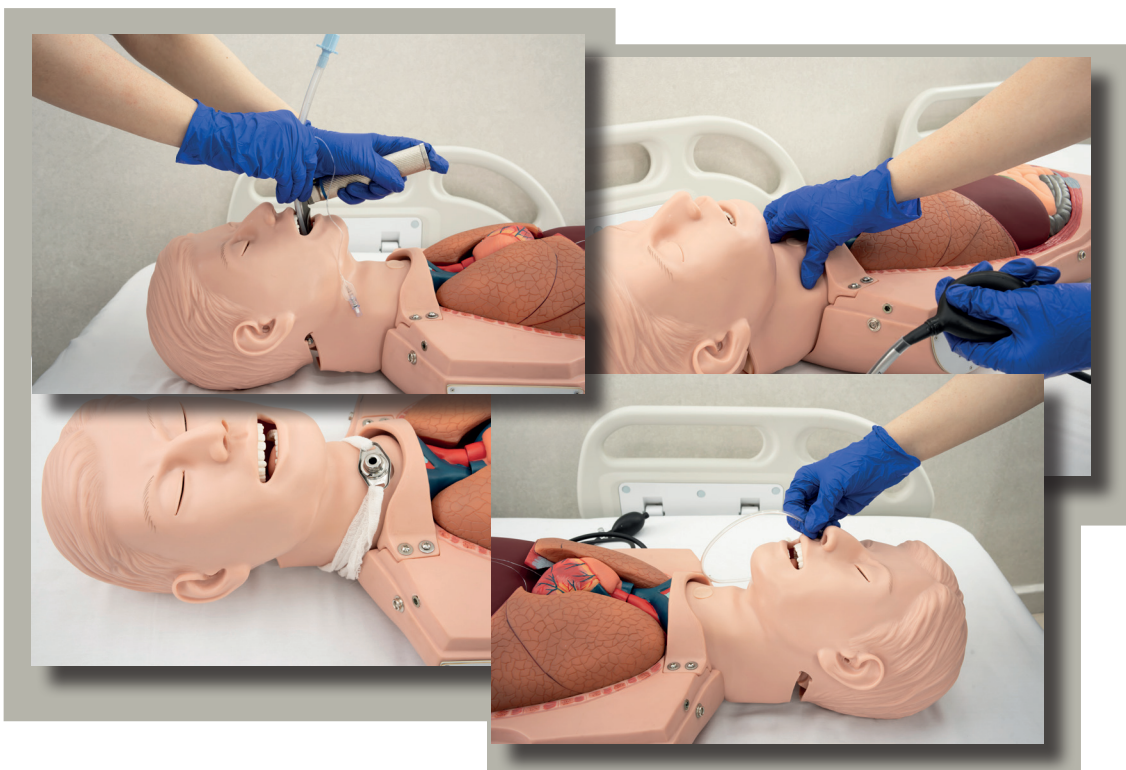


GENERAL APPLICATIONS

1. Pupillary diameters can be changed electronically as normal, myosis and mydriasis.
2. Carotid pulse generated via the plastic bulb.
3. Thoracentesis and liver puncture.
4. Oral and nasal feeding.
5. Sputum suction and gastrolavage.

AIRWAY CONTROL

1. Oral cavity, teeth, tongue, uvula, glottis, epiglottis, trachea, bronchi, esophagus and lung structures.
2. Oral and nasal endotracheal intubation tube placement training.
3. Difficult intubation practice with jaw locking simulation.
4. Tracheostomy care.



ELDERLY NURSING CARE MANIKINS

MODEL CODE: NS/59A & NS/59B

KEY FEATURES

Anatomical Structure: Geriatric Male and Female

Length: 162 cm

Width: 47 cm

Height: 22 cm

Weight: 16.5 kg

- Not easily deformed special plastic
- Realistic aged skin structure
- Replaceable vein and injection pad structures
- Rechargeable blood pressure measurement device

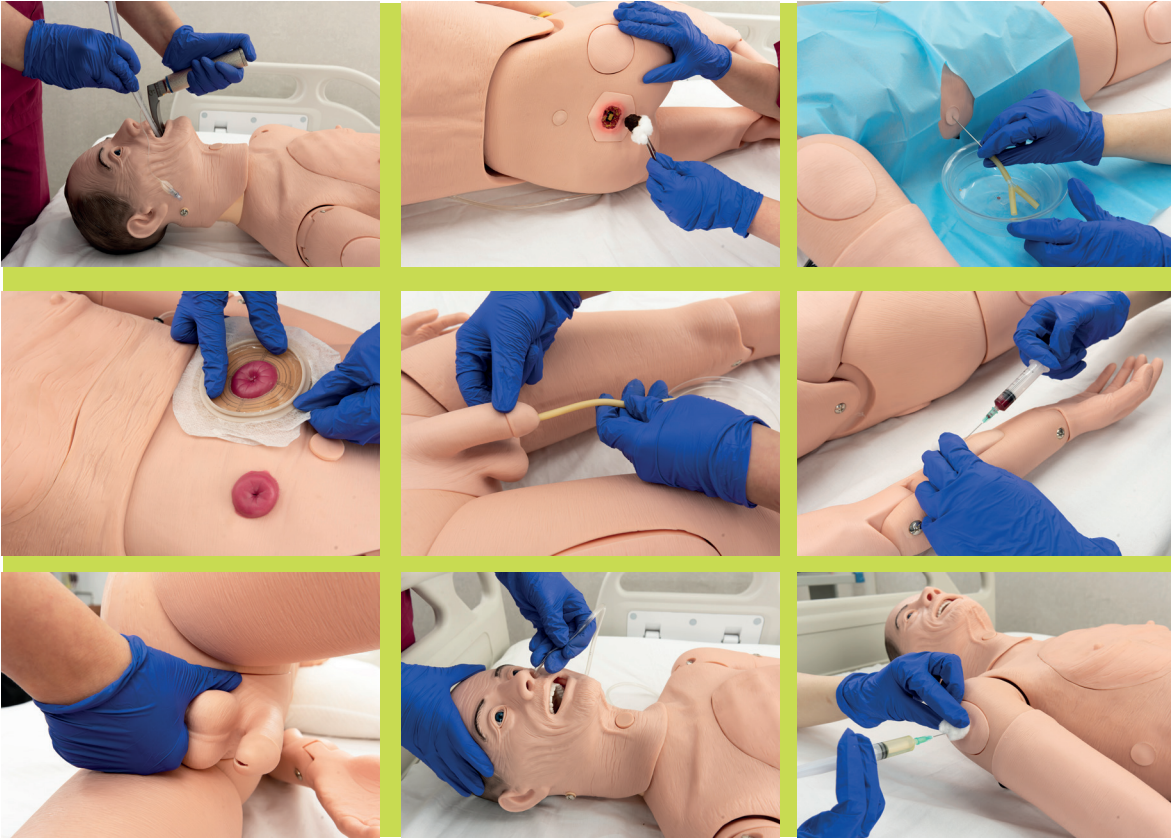
GENERAL APPLICATIONS

1. Easily movable head, neck, waist, arm and leg joints.
2. Application of IV puncture, injection, transfusion and blood drawing from bilateral forearm basilic, cephalic veins and dorsal surface of hand.
3. Noninvasive blood pressure (BP) measurement; Adjustment of systolic (SBP), diastolic (DBP) and blood pressure values via blood pressure device.
4. IM injection into bilateral deltoid and the vastus lateralis muscles of the thigh region.
5. IM hip injection on the ventrogluteal and dorsogluteal area.
6. Thoracentesis, abdominocentesis, liver and lumbar puncture.
7. Oral and nasal feeding.
8. Sputum suction and gastrolavage.
9. Male-female urethral catheterization and bladder irrigation where realistic sphincter resistance can be felt.
10. Ostomy (colostomy and ileostomy) care.
11. Enema application with using liquid.
12. 4 stages decubitus ulcer care.
13. Prostate examination. (Male model)



AIRWAY CONTROL

1. Oral cavity, tongue, teeth, glottis, epiglottis, trachea, esophagus, right-left lung and stomach structures.
2. Audible feedback in esophageal intubation with oral and nasal endotracheal intubation.
3. Difficult intubation practice with jaw locking simulation.
4. Tracheostomy care.



INTRADERMAL INJECTION TRAINING ARM

MODEL CODE: NS/97

KEY FEATURES

Anatomical Structure: Adult Forearm Structure

Length: 22 cm

Width: 9cm

Height: 5 cm

Weight: 0.8 kg

- Not easily deformed special plastic
- Realistic appearance
- Replaceable arm skin

GENERAL APPLICATIONS

1. Intradermal injection can be made on 8 areas.
2. Areas of redness that indicate a positive allergy test.



ABDOMEN PALPATION AND DELIVERY SIMULATOR

MODEL CODE: MT/77

KEY FEATURES

Anatomical Structure: Adult Female

Length: 180 cm

Width: 55 cm

Height: 21 cm

Weight: 25 kg

- Not easily deformed special plastic
- Realistic appearance
- Prominent nipples and xiphoid protrusion
- Easily movable head, neck, arm and leg joints
- Rechargeable feature
- 6 hours battery life
- 10" Tablet for the mother model used as a control panel,
- 7" Tablet for newborn simulator
- Wireless control
- Rotational movements of the fetus and delivery which are performed with automatic delivery system
- Palpable realistic soft abdominal wall and fetus
- 2 different babies with placenta and umbilical cord for delivery and newborn trainings
- 55" virtual bedside monitor working synchronized with mother and newborn simulator
- Installation with audio and video recording system when it is requested.

GENERAL APPLICATIONS

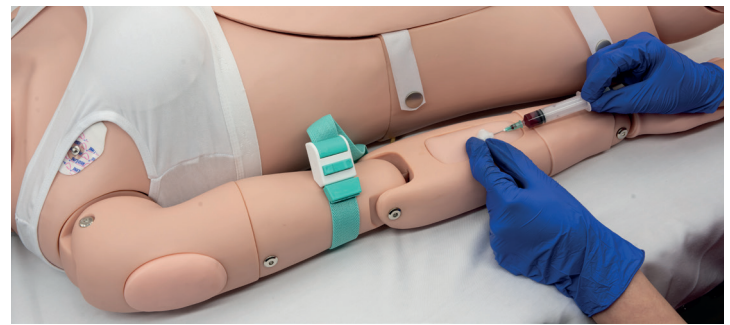
1. IV puncture, injection, transfusion and blood drawing practices from bilateral forearm basilic and cephalic veins
2. Noninvasive blood pressure (BP) measurement; systolic (SBP), diastolic (DBP) and heart rate parameters can be adjusted via the blood pressure device.
3. IM injection into the bilateral deltoid and the vastus lateralis muscles of the thigh region.
4. Automatic delivery system rate and fetal heart rate can be managed by the control panel.
5. Episiotomy practices on modules including left posterior incision, right posterior incision and median incision.
6. Pelvic measurement and vaginal examination.
7. Examination of the manikin's elastic vagina and cervix with different cervix modules with 0, 2, 4, 5, 7 and 10 cm openings.
8. Abdominal palpation and leopard maneuver trainings and difficult delivery practices with inflatable airbags in the abdomen
9. Many delivery practices such as normal, reverse and vacuum assisted delivery and expulsion of the placenta.
10. Postpartum uterine bleeding care and fundus massage within 48 hours of delivery.
11. The simulator can be voiced with audio recordings such as crying, shouting, groaning, vomiting, coughing and normal breathing from the control panel or it can be voiced via the control panel for a realistic anamnesis practice.





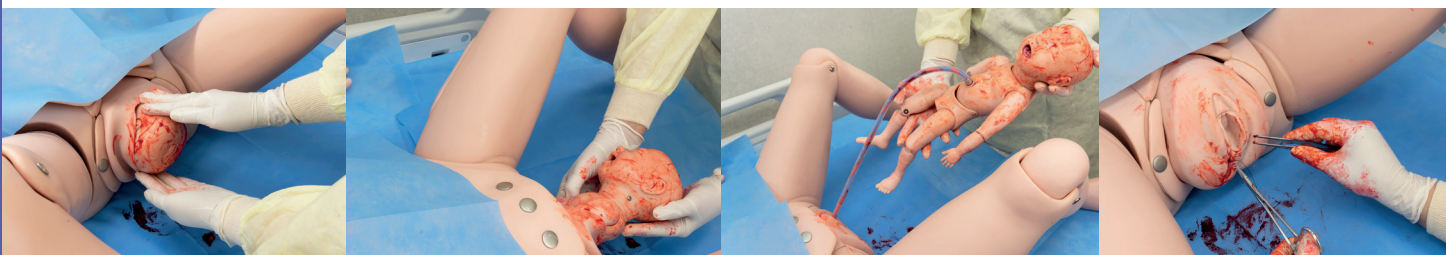
AIRWAY CONTROL OF MOTHER

1. Oral cavity, tongue, teeth, glottis, epiglottis, trachea, esophagus, right-left lung and stomach structures.
2. Oral and nasal endotracheal intubation.
3. Monitoring of excessive pressure on the tooth via the control panel.
4. LMA, LTA and combi tube applications.



CPR AND CARDIOLOGY PRACTICES

1. Carotid pulse synchronized with the selected ECG rhythm.
2. Artificial respiration from mouth-to-mouth, mouth-to-nose and with balloon mask in realistic scares.
3. Realistic bilateral and unilateral chest rising.
4. Valve system that prevents the return of the air given to the manikin.
5. Steel spring system designed to perform heart massage at realistic values and to prevent collapse during the practices.
6. Monitoring of adequate, insufficient and excessive CPR applications and the air going into the stomach during artificial respiration on the mother manikin via the control panel.
7. 30 different ECG rhythms, which can be displayed through 4 ECG points and the heart rate can be adjusted via the control panel.
8. Real defibrillator with safe defibrillation (shock) points, AED and bedside monitor can be used.
9. Noninvasive blood pressure (BP) measurement; Systolic (SBP) and diastolic (DBP) blood pressure values can be changed via control panel.



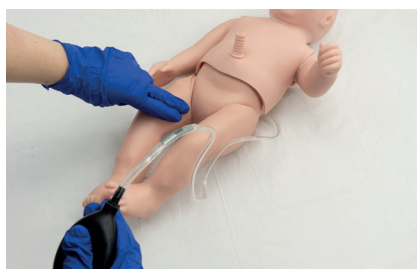


BIRTH BABY;

1. Neck, shoulder, elbow, waist, hip and knee joints are movable.
2. Baby umbilical cord and normal placenta in natural size.
3. The fontanel sutures are prominent.

FEATURES OF THE NEWBORN CARE MANIKIN:

1. Joints and head can be moved.
2. The anterior and posterior fontanelle, coronal suture, sagittal suture structure of the head can be felt.
3. Pronounced fontanelle structure.
4. Prominent nipples and belly button.
5. Oral cavity, tongue, teeth, glottis, epiglottis, trachea, esophagus, lung structures.
6. Oral and nasal endotracheal intubation.
7. Monitoring of adequate, insufficient and excessive CPR applications and the air going into the stomach during artificial respiration on the baby manikin via the control panel.
8. There is central and peripheral cyanosis. The formation of cyanosis can be adjusted by the user and the color level can be changed by intervention on the simulator.
9. Many nursing trainings such as breastfeeding, diaper changing, simulated fever measurement, oral care, ear and eye drops application, bandaging, cold and hot therapy.



ABDOMEN PALPATION DELIVERY SIMULATOR

MODEL CODE: MT/52D

KEY FEATURES

Anatomical Structure: Adult Female Hip and Genital Structure

Length: 75 cm (including rotating arm mechanism)

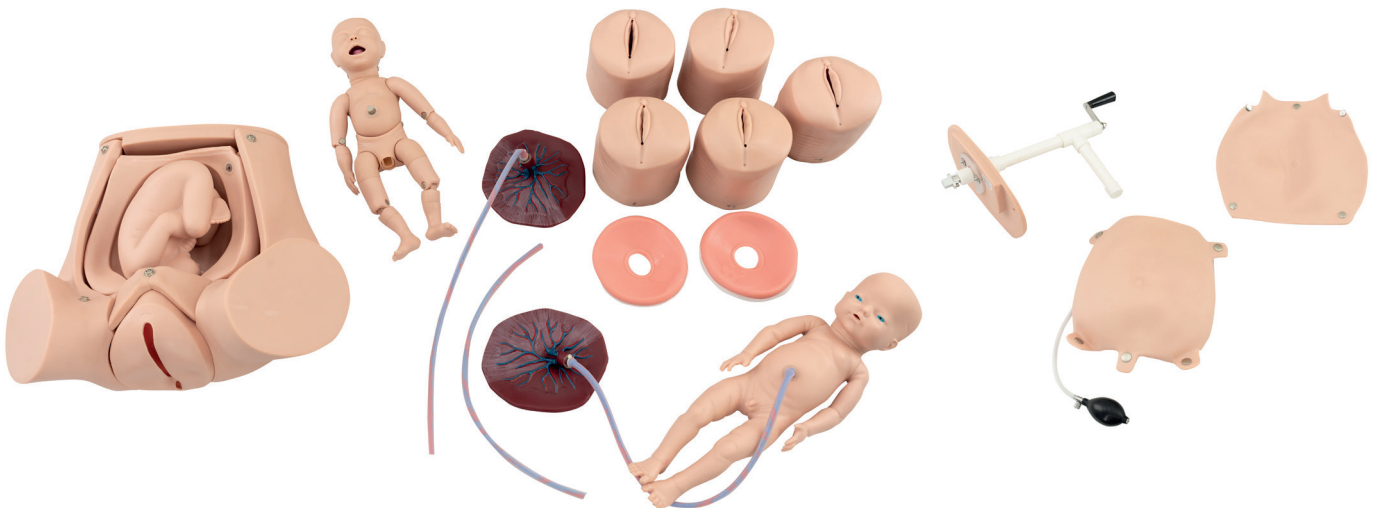
Width: 48 cm

Height: 21 cm

Weight: 6.8 kg

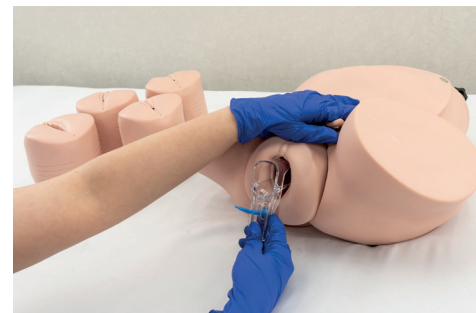
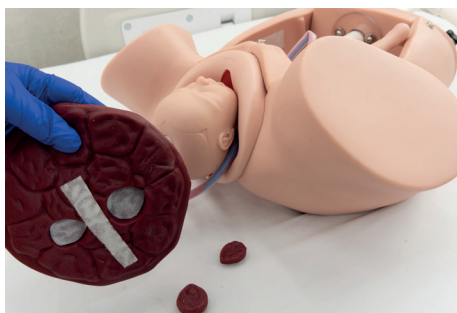


- Not easily deformed special plastic
- Realistic appearance
- General pelvis and spine bone structure
- Rotational movements of the fetus performed with the rotating arm mechanism
- Realistic palpable soft abdominal wall that can be filled with air and fetus can be placed into the lower buffer chamber.
- 2 different babies with umbilical cord and placenta for delivery and newborn trainings.



GENERAL APPLICATIONS

1. Pelvic measurement and vaginal examination.
2. Prenatal uterine patency examination with different cervix modules with 0, 2, 4, 5, 7 and 10 cm opening.
3. Abdomen palpation and Leopold maneuver training.
4. Many delivery practices such as normal, reverse and vacuum assisted delivery and expulsion of the placenta.



CERVICAL DILATION EXAMINATION MODULE SET

MODEL CODE: MT/54B

KEY FEATURES

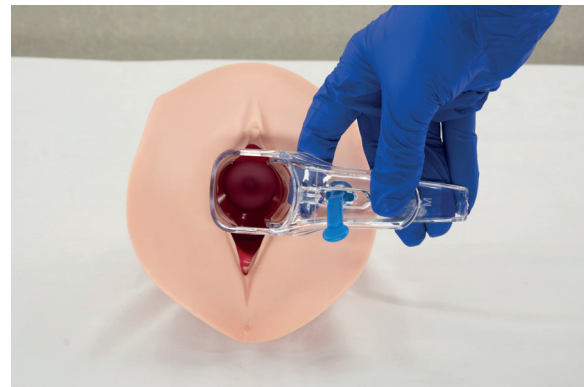
Anatomical Structure: Adult Cervix Structure

Weight: 4.25 kg (set of 6)

- Not easily deformed special plastic
- Realistic appearance

GENERAL APPLICATIONS

1. It consists of 6 modules showing the dilatation change of the cervix with dimensions of 0, 2, 4, 5, 7 and 10 cm, vaginal speculum can be used on them.



VULVA SUTURE TRAINING MODEL

MODEL CODE: MT/60B-K

KEY FEATURES

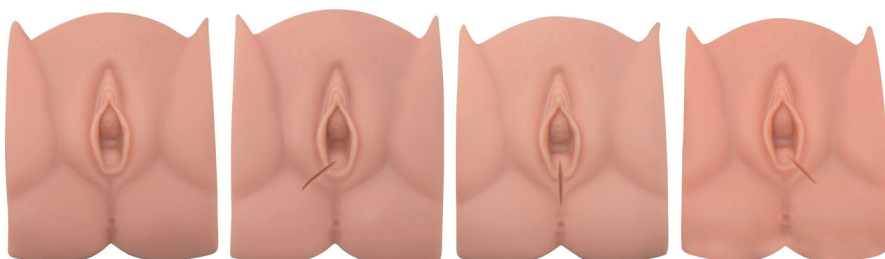
Anatomical Structure: Adult Cervix Structure

Weight: 4.25 kg (set of 6)

- Not easily deformed special plastic
- Realistic appearance

GENERAL APPLICATIONS

1. It consists of 6 modules showing the dilatation change of the cervix with dimensions of 0, 2, 4, 5, 7 and 10 cm, vaginal speculum can be used on them.



GYNECOLOGICAL TRAINING SIMULATOR

MODEL CODE: MT/61

KEY FEATURES

Anatomical Structure: Adult Female Hip and Genital Structure

Length: 42 cm

Width: 44 cm

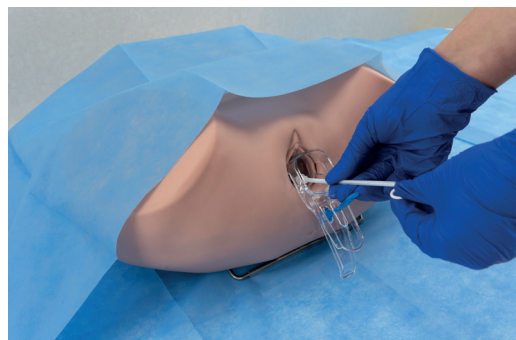
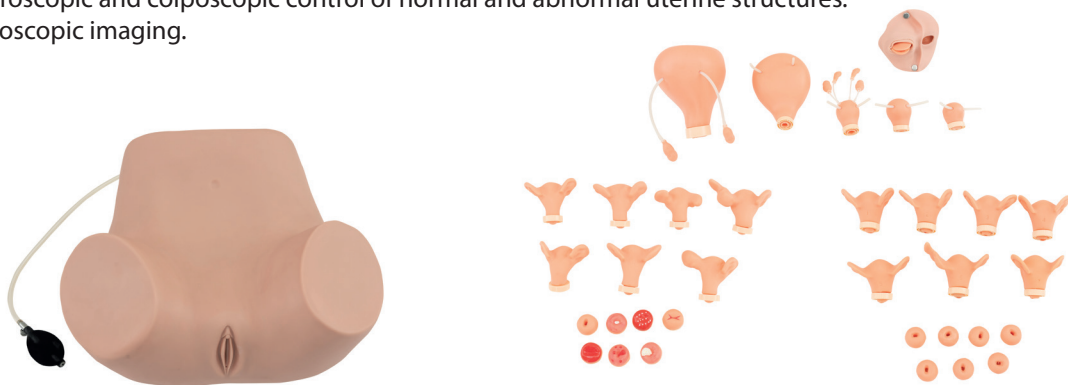
Height: 22 cm

Weight: 7.52 kg

- Not easily deformed special plastic
- Realistic appearance
- Observation of the spine, kidneys and urinary system on the posterior abdominal wall in the model.
- External-internal genitalia, rectum, anus, cervix and uterus structures
- Palpable abdomen
- Changeable normal-abnormal cervix and uterus structures
 - a. Normal and abnormal cervical modules (for vaginal speculum and electronic colposcopy) (7 pcs)
 - b. Normal uterine and uterine with normal and external congenital anomalies modules (9 pcs)
 - c. Normal and abnormal uterus and cervix structures (for hysteroscopy) (7 sets)
 - d. Pregnant and postpartum uterus models (4 pcs)

GENERAL APPLICATIONS

1. Placing contraceptive devices and observing the procedures performed through the transparent uterus.
2. The desired position can be given to the uterus. (retroversion-anteversion)
3. Hysteroscopic and colposcopic control of normal and abnormal uterine structures.
4. Laparoscopic imaging.



WEARABLE BREAST EXAMINATION MODEL

MODEL CODE: MT/62A-K

KEY FEATURES

Anatomical Structure: Adult Female Breast Structure

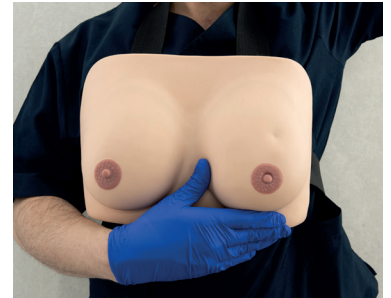
Length: 30 cm

Width: 20 cm

Height: 12 cm

Weight: 1.79 kg

- Not easily deformed special plastic
- Realistic appearance
- Prominent areola
- Realistic liquid breast mass that can be palpated
- It can be worn with belts connected from the neck and back



GENERAL APPLICATIONS

1. Different sized structures and masses such as fibroadenoma and carcinoma which can be palpated.
2. Detection of deformations with inward collapse of the nipple.
3. Observing of intraductal papilloma structure.
4. Breast asymmetry examination.

BREAST EXAMINATION MODEL

MODEL CODE: MT/62C

KEY FEATURES

Anatomical Structure: Adult Female Chest and Rib Structure

Length: 43 cm

Width: 38 cm

Height: 17 cm

Weight: 3.25 kg

- Not easily deformed special plastic
- Realistic appearance
- Distinctive rib structure
- Realistic liquid breast mass that can be palpated
- Ability to be worn with belts connected from the neck and back



GENERAL APPLICATIONS

- a. Detection of cancer masses in the right and left breast.
- b. Detection of benign and movable fringed tumors.
- c. Detection of different size and malignant tumor hardness in mammary glands.
- d. Malignant tumor and lymph metastasis; Enlargement of glands in the clavicle and armpit can be palpated.
- e. Detection of sagging breast.
- f. Detection of hyperplastic lobule.
- g. Observing of an orange peel-like image on the skin.
- h. Monitoring of diabrosis and bleeding on one side of the breast.

NEWBORN BABY NURSING CARE SIMULATOR

MODEL CODE: MT/65K

KEY FEATURES

Anatomical Structure: Full Size Baby

Length: 50 cm

Width: 23.5 cm

Height: 12.5 cm

Weight: 3.2 kg

- Not easily deformed special plastic
- Realistic appearance
- Eyes that can be opened and closed
- Anterior and posterior fontanelle, coronal suture, sagittal suture structure.
- Realistic fontanelle structure
- Flexible body structure that can be moved easily



GENERAL APPLICATIONS

1. Umbilical cord care.
2. Eye and ear cleaning and drop application.
3. Simulation of fever measurement from ear, mouth and rectum.
4. Newborn care training such as holding the baby, swaddling, bathing, changing diapers, and breastfeeding.

YENİDOĞAN BEBEK BAKIM MANKENİ

NEWBORN BABY CARE MANIKIN

MODEL CODE: MT/66C

KEY FEATURES

Anatomical Structure: Full Size Baby

Length: 51 cm

Width: 20 cm

Height: 12 cm

Weight: 3.20 kg

- Not easily deformed special plastic
- Realistic appearance
- Easily movable neck, shoulder, elbow, hip and knee joints

GENERAL APPLICATIONS

1. Eye, ear and nose cleaning and application of drops.
2. Newborn care training such as holding the baby, swaddling, bathing, changing diapers, and breastfeeding.



PREMATURE BABY WITH MOVING JOINTS

MODEL CODE: MT/66A

KEY FEATURES

Anatomical Structure: Full Size Baby

Length: 42 cm

Width: 16 cm

Height: 11 cm

Weight: 3 kg

- Not easily deformed special plastic
- Realistic appearance
- Fontanel suture structure
- Elastic lower and upper extremities
- Easily movable neck, shoulder, elbow, hip and knee joints



GENERAL APPLICATIONS

1. Newborn care training such as holding the baby, swaddling, bathing, changing diapers, and breastfeeding.

RIA TRAINING SIMULATOR

MODEL CODE: MT/71A

KEY FEATURES

Anatomical Structure: Adult Female Vulva and Uterus Structure

Length: 20 cm

Width: 13 cm

Height: 12 cm

Weight: 0.365 kg

- Not easily deformed special plastic
- Realistic appearance
- Coronal section of the uterus
- Observation of vaginal canal, cervix, inner layer of uterus, uterus, ovary, ovaries



GENERAL APPLICATIONS

1. IUD insertion and observing the procedure through the transparent top layer.






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