



Professional Manufacturer of Medical Models, Simulators and Manikins.

Shanghai Jolly Medical Education Co.,Ltd.

Marketing Center: Bldg.#14, No. 251 Jinyu Road, Shanghai, 201205, China

Production Base: Bldg.#1, No. 59 Xiabian Fumin Road, Dongguan, 523956, China

Tel.: 86 21 50193088 50193128

Website: www.medmod.cn

Email: anniee@medmod.cn; export@medmod.cn



+ 86 13817269520 (Anniee Chen)

+ 86 13472501822 13817141385 (Lily Chen)

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Catalog

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Simulators for Clinical Training

Shanghai Jolly Medical Education Co., Ltd.

COMPANY PROFILE

We, Shanghai Jolly Medical Education Co., Ltd, locate in the central part of Pudong New Area, neighboring Pudong Airport and Airport Integrated Free Trade Zone in the east and Disneyland in the west, and close to Shanghai East Railway Station which is under construction. The advantaged geographic position provides "Jolly Medical" more convenient and efficient service!

"Jolly Medical" establish with the faith in constantly perfecting the medical education by means of persistent developing and innovation by ourselves, to make medical models more realistic, make training more standard and make assessment more normative! "People's Medical Publishing House" (PMPH), directly controlled by China Ministry of Health, work together with us hand in hand since 2015, to make joint efforts to become experts in overall plan for standardized medical simulation center, "Teach specialized medical knowledge and realize standardized training for medical simulation, standardize and normalize China's medical simulation education, and make China's medical simulation education go to the world" !

With guidance of experts in different depts, our products currently are more than 1000 species, involved in internal medicine, surgery, gynecology, pediatrics, obstetrics, first aid, nursing, traditional medicine, diagnostics, imaging, stomatology and anatomical models, and they have been exported to the United States, Germany, the Netherlands, UK, Russia, Brazil, Mexico, the Middle East and other 91 countries! After pleasant cooperation with numerous hospitals and colleges home and abroad, our brand "MedMod" is well known by more and more customers throughout the world, and "Jolly Medical" becomes a mostly welcomed professional medical model manufacturer!

We, the whole "Jolly Medical" team, run the company with heart and soul, keep product quality system improving and thriving, demonstrate excellent value via our service and realize our dreams by means of eternal innovation!

Sincerely hope we'll have chance to provide best products and best service for our esteemed customers all the time, to have more outstanding performance on the world stage and to make contribution to the medical simulation education as much as we can!

JY/B-TSim04 Comprehensive Dentistry Treatment System

Features

- Lowest chair level: <420mm, Highest chair level>750mm
- Chair load capacity: ≥130kg
- Cushion backrest adjustment: according to work efficiency and requirements
- Double-joint headrest: requires stretching length, top rake and caster to be adjustable
- Operating mode: manually, pedal in 4 directions, with auto diagnosis system of faults
- Backrest is aluminum alloy casting, single-compression moulding, and no seam
- Driven by DC electric motor, which is imported and mute
- Doctor chair
- Triaxial mouth lamp
- Aluminium alloy body box, integrated spittoon
- Film viewer
- Water heater with dry burning-resistant protection
- Air-brake balance arm

Standard configuration:

- | | |
|--|---|
| • Dental chair with imported DC motor 1 set | • Handpiece water purification system 1 set |
| • Therapeutic machine 1 set | • vapour-pressure saliva pump 1 set |
| • Doctor chair 1 set | • Spray gun for three-way use 2 sets |
| • Foot switch 1 pc | • Hydraulic pressure saliva pump 1 set |
| • Four-hole high speed handpiece: 2 pcs | |
| • Four-hole low speed handpiece: 1 set (straight handpiece and contra-angle handpiece) | |
| • auto control system to clean the spittoon 1 set | |
| • auto constant temperature water supply system for mouth wash 1 set | |





Hundreds of patents for utility models
Dozens of software copyright registration certificates



MedMod®



Provides Turnkey Solution in Conformity with Teaching
Standards for Medical Simulation Center

Provides Standardized Medical Training

Make the simulation more realistic,

Make the teaching more standard!



Turnkey Solution (Project Display)



Nurse station



Clinical skills training room



Delivery room



ICU



Simulated ward



Operating room

We provide:

- 1) Turnkey solution service for medical simulation center;
- 2) Central operation management plan and assist teaching center construction;
- 3) Product configuration plan in conformity with customer's requirements and characteristics;
- 4) Professional product training and after-sales maintenance;
- 5) Center humanistic environment construction;
- 6) Declaration and evaluation of competitive courses and demonstration bases;
- 7) Construction plan of standardized training bases for general practitioners, residents and specialists;
- 8) High-quality education credit training
(national continuing education credits can be awarded).

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First aid Medicine

Disaster Emergency Platform

In the whole disaster relief work, emergency treatment of emergencies and disasters is different from the normal medical work, so how to carry out emergency treatment in a predictable and targeted manner has become a major issue in modern emergency medicine.

By the entire disaster scene simulation and continuous rehearsal, emergency personnel can make correct judgment at the first time. In this case, the patient can get the effective first-aid treatment within several life-and-death minutes, which can save their lives.



High Simulation Trauma Manikin - Jecy

Features:



1. The manikin can be used to exercise first-aid skills of war wound management, patient transportation, etc.
2. Head: simulated pupils (normal and mydriasis).
3. Pulse: palpate carotid artery and get real artery pulse
4. Tracheal intubation: supports tracheal cannula via mouth.
5. BP: perform non-invasive BP measurement with simulated sphygmomanometer, and Korotkoff's Sound can be heard.
6. CPR: According to AHA 2020 guideline for CPR, supports multiple ventilation ways: mouth to mouth and BVM to mouth, etc; electronically monitor airway opening, blowing volume, blowing frequency, blowing times, compression sites, compression times, compression depth and frequency, upload the data which collects from the sensor to the computer, so the operation can be shown in real time, and the software can automatically judge if the operation is correct or not. There's English voice prompts during the whole process.
7. Defibrillation: support real and simulated defibrillation.
8. Drug administration: subcutaneous injection and intramuscular injection at bilateral deltoids; intramuscular injection at bilateral vastus lateralis muscles, buttock intramuscular injection, arm intravenous injection or transfusion (blood transfusion).
9. Basic nursing: oral care, hair and face washing, changing the clothes and oxygen inhalation.
10. Supports nasal feeding and tracheotomy care.
11. Trauma evaluation: supports training in sterilization, dressing change, hemostasis, binding up and wound care



High Simulation Trauma Manikin - Jack

Features:

1. Head: simulated pupils (normal and mydriasis).
2. Pulse: real carotid pulse can be palpated.
3. BP: perform non-invasive BP measurement with simulated sphygmomanometer, and Korotkoff's Sound can be heard.
4. Drug administration: subcutaneous injection and intramuscular injection at bilateral deltoids; intramuscular injection at bilateral vastus lateralis muscles, buttock intramuscular injection, arm intravenous injection or transfusion (blood transfusion).
5. Basic nursing: oral care, hair and face washing, changing clothes and oxygen inhalation, etc.
6. Supports nasal feeding and tracheotomy care.
7. Supports training in male and female catheterization, bladder irrigation and enema.
8. Trauma evaluation: supports training in sterilization, dressing change, hemostasis, binding up and wound care.

High Simulation Trauma Manikin - John

Features:



Simulate real war wound cases to be used for battlefield first aid training and assessment. With this manikin, war wound management (hemostasis, binding up, etc.), the whole process of patient transportation (spinal injury) and pre-hospital and in-hospital emergency skills (ventilation, CPR and trachea cannula can be simulated).

CPR Implement standard: AHA(American Heart Association) 2020 guideline for CPR & ECC

Manikin Function:

1. Full-body adult male
2. Realistic appearance, accurate anatomical structure, with complete whole-body skeleton showing real bone landmarks.
3. Adopt wireless communication technology, powered by in-built lithium battery, can be continuously used for over 8 hours after full battery charging.
4. Whole oronasal cavity, airway and esophagus; supports cricothyrotomy endotracheal intubation; supports chest rise and spontaneous respiration.
5. With external compression detector, dynamic curves of compression depth, compression sites and compression frequency can be showed in real time with records and assessment.
6. Neural Response: pupils state can be changed from pinpoint-like to mydriasis; pupils will be mydriasis in dead state.
7. Airway: left lung, right lung and bilateral pulmonary obstruction; oropharynx and nasopharynx intubation; compound tube insertion, L.M.A and other airway management; cricothyroidotomy and thyrocricocentesis.
8. Voices including heart sounds, breath sounds, patient pronunciation and alarm by incorrect transportation method, etc.





Software Function:

(1) Graphical Touch Operation Training Software

A) Interface based on images, "Simulated Patient" can be divided into 9 modules, which can show related events and drive case scenario after "touch" and "click", and this provides visualized and humanized operation for teaching demonstration.

B) Simulative multi-parameter monitor can provide managable waveforms and physiological parameters, including (I,II) chest leads ECG waveform, IBP waveform, respiratory curve, blood-oxygen level, heart rate, NIBP, body temperature, pulse and etCO₂, etc. It allows dynamic and quantitative observation of the intelligent emergency trauma manikin, captures its instant changes and gives feedback on therapeutic effects in time.

C) Supports hemostasis by pressure bandage with tourniquet, during the entire stop-bleeding process, the software can monitor and show the changes of the hemostatic pressure value in the real time, if the value is in the correct scope for 20 seconds, the manikin will stop bleeding automatically.

D) CPR module supports real time statistics of compression and blowing quality, prompts for compression interruption time, real-time display of compression depth, statistics display of percentages of correct compression sites and in adequate compression release, calculation of total value.

(2) Smart Assessment, Judgement and Save System

The system accurately record the students' examination scenes with images, waveforms and numbers, objectively judge, grade and icloud save the exam results, and it also supports display, save and print function.

(3) Smart Case Edit

Provides rich real medical signs, allows to independently create new cases, vital signs and rescue measures. After the user properly enter related parameters, the system can save the case according to user's requirements. The condition of the patient varies with user's operation. The system will make records automatically, and allows to perform CPR, trauma hemostasis, defibrillation, pace-making and drug therapy training.



Integrated First-aid Simulation Training System (3G Man)

Item No.: JY/3GMan 3800

Features:



Make clinical diagnosis and teamwork integrated, adopt computer-immersed virtual interaction technology to simulate real emergency scenarios and create realistic onsite feeling. "3D simulated patient" shows the changes of disease and vital signs. Built in 8 subjects and over 20 emergency cases including heart arrest, bradycardia, tachycardia, chest pain, toxicosis, overdose, stroke, dyspnea and craniocerebral injury, etc, which completely covers all the courses in the AHA guidance of Fight Heart Disease and Stroke.

Product advantages:

- 1) Realistic three-dimensional animation, immersive;
- 2) Open diagnosis and treatment mode, which allow students to fully disseminate their clinical thinking;
- 3) Various laboratory index varies with treatment and can be tracked in time;
- 4) Highly intelligent system make users even have same training case but with different conditions at random;
- 5) Absolutely liberalized operation perfectly reflects how students master the knowledge and how the teamwork is.



Main devices for adult emergency skills training:

- 1) Advanced mobile computer x 1pc
- 2) Intelligent acute and critical rescue manikin x 1pc
- 3) Simulated multi-parameter monitor x 1pc

- 4) Defibrillator x 1pc
- 5) Other common advanced rescue devices and emergency medicine.



Software Operating Interface



Software Script Editing Interface

Optional Software:

Advanced iCloud Record and Evaluation Software

The system provides a video server that can record operation process, monitor signs, and event logs synchronously through the central monitoring network system. Allow to display video frame, multi-parameter monitor signs and operation log to display on one screen, and annotation text can be made on the timeline. Timeline management allows the user to move to any recorded time point in to review the event or the comments; during playback, the video, monitor signs, event log, and annotation text are in sync with the timeline and the system supports bug drag play.

Software Parameters:

- 1) Historical recording records are arranged and displayed in a graphical block list. The display blocks include information such as recording time, on-site first-taken pictures, case names, trainees and teachers, etc., which makes it convenient to browse and search.
- 2) Provides fuzzy search conditions such as recording time, case name, trainees and teachers to accurately find historical recording items.
- 3) Allows to record video frame, multi-parameter monitoring signs and operation log in one screen, and allows to make annotation text on the timeline.
- 4) During playback, timeline management allows the user to move to any recorded time point to review the event or the comments.
- 5) Edit/add system annotation template entries;
- 6) Support multiple accounts log-in;



Advanced ACLS Manikin (wireless)

Item No.: JY/Sim380A

Features:



This system is mainly based on first-aid knowledge, suitable for training and continuing education of emergency medicine at different levels, and it allows evaluation, assessment, and cases editing. It increases the authenticity, flexibility and repeated operability of teaching, and helps to cultivate students' correct clinical thinking and teamwork spirit.

1. The manikin features realistic appearance, flexible joints and accurate structures such as mouth, nose, tongue, gingiva, pharynx, esophagus and epiglottis, etc, which can be used for teaching demonstration. Built-in lithium battery and air pump.
2. Manikin's pupil can be set according to the clinical cases (normal, mydriasis, miosis).
3. Artery pulses can be palpated, including carotid pulse and femoral pulse, etc.
4. Allows to open the airway by means of head-tilt/chin-lift and jaw-thrust maneuvers; supports multiple ventilation methods such as mouth-to-mouth, mouth-to-nose, BVM and breathing machine, etc.
5. Supports foreign body clearance.
6. Trachea cannula: the screen can show if the tube is correctly inserted into the trachea; simulation of spontaneous respiration with chest rise;
7. According to AHA 2020 guideline for CPR and ECC, the threshold value of compression and tidal volume can be adjusted; if compression sites, depth and frequency is correct or not are all displayed.
8. Allows to connect to simulative ECG monitors, defibrillators and AED;
9. Simulated bedside monitoring system truly reproduces the clinical environment: provides hundreds of normal/abnormal electrocardiograms, respiratory curves, dynamic ETCO₂ waveforms, and monitors vital signs of heart rate, blood oxygen saturation, systolic blood pressure, diastolic blood pressure, mean arterial pressure, respiratory rate and body temperature in real time. And all the indexes above are adjustable.
10. There's a POP feeling for proper venepuncture, simulative blood can be extracted and it supports repeated exercises.
11. Basic nursing: oral care, foreign body clearance, sputum suction, oxygen inhalation, nasal feeding, venepuncture, intramuscular injection, subcutaneous injection, bathing, changing clothes, external auditory canal irrigation, eye care, turning over, hot and cold therapy and atomized inhalation therapy, etc.
12. BP: Shows systolic pressure, diastolic pressure, NIBP measurement, etc.



Advanced ACLS Manikin (wireless)

Item No.: JY/Sim380

Features:



- 1) Represents of an Asian adult male with accurate anatomical structures, and supports wireless manipulation;
- 2) Powered by built-in lithium battery, allows to set all kinds of breathing modes and connect to real ECG and real difibrillation pacing monitor, which is suitable for treatments during various transportation environments.
- 3) Comes with complete oronasal cavity, airway and esophagus; supports cricothyrotomy endotracheal intubation; supports chest rise.
- 4) With external compression detector, dynamic curves of compression depth, compression sites and compression frequency can be showed in real time with records and assessment.



Simulated Training for Acute and Critical Adult Rescue:

Main devices for adult emergency skills training: one advanced computer, one intelligent adult emergency manikin, one multi-parameter monitor and one defibrillator. And other common advanced rescue devices and emergency medicine.



Advanced ALS Manikin (wireless)

Item No.: JY/ALS370

Features:



- 1) Represents of an Asian adult male with accurate anatomical structure, and supports wireless manipulation;
- 2) Comes with complete oronasal cavity, airway and esophagus; supports cricothyrotomy endotracheal intubation; supports chest rise.
- 3) With external compression detector, dynamic curves of compression depth, compression sites and compression frequency can be showed in real time with records and assessment.
- 4) Venepuncture: arm venepuncture or transfusion (blood transfusion).
- 5) Use real sphygmomanometer to have NIBP measurement and get real high fidelity korotkoff's sounds.
- 6) Sounds *include* heart sounds, breath sounds and patient's pronunciation.



ALS Emergency Software APP Features:

1. Airway management: simulated patient's can judge if the trainee's operation is correct or not, and give corresponding physiological and pathological reactions.
2. CPR Training: available Assessment Mode and Training Mode for choice, wrong voice prompts, manikin can recover spontaneous respiration and artery pulse with pupils change from mydriasis to normal status after successful CPR operation.
3. Treatment of tension pneumothorax: simulated patient's can judge if the trainee's puncture operation is correct or not, and give corresponding physiological and pathological reactions.
4. Defibrillation and pace-making: allows to connect to real emergency equipments of any brand and monitor the corresponding pathophysiological changes; also allows to work with sumulative defibrillation and pacing equipments which match with the system.

Comprehensive Emergency Training System (wired)

Item No.: JY/ACLS-10001

Features:



Implement standard: AHA(American Heart Association) 2020 guideline for CPR and ECC

1. Head

- 1) Simulated pupils: select different state of pupils, including mydriasis, normal pupils and pin-point pupils.
- 2) Manikin's voice: A large number of speech data is stored in the system. Manikin can make different voice according to the pathogenetic conditions, and the volume and Play Mode can be set via the software.

2. Pulse

- 1) Supports real artery pulse, e.g. carotid pulse, radial pulse and femoral artery pulse can be palpated.
- 2) Pulse frequency is same as heart rate.

3. Breath

- 1) Manikin supports real spontaneous respiration with chest rise.
- 2) Exhalation of simulative gas CO₂.
- 3) Separate control of left/right lung.
- 4) Supports multiple breathing modes, and respiratory rate and depth is adjustable.

4. Airway management

- 1) tracheal intubation via mouth, correctly insert into the trachea, pull out of the trachea, mistakenly insert into the esophagus, and the software can show all the operation in real time.
- 2) Tracheotomy operation and care.
- 3) Airway opening: three head postures: looking up, lying flat, lifting forehead, any change on the head posture can be relatively shown on the software.
- 4) Simulate tongue swelling
- 5) Stiff neck
- 6) Laryngospasm
- 7) Trismus
- 8) Pharyngeal obstruction

5. Auscultation

- 1) Breath sounds 2) Heart sounds 3) Bowel sounds

6. BP

- 1) measure blood pressure with simulative BP control box.
- 2) Real Korotkoff's Sound can be heard.

7. Monitoring of Vital Signs

- 1) Pulse, BP, blood oxygen monitoring, ECG monitoring, etc.
- 2) ECG: a large quantity of data stored in the system, supports real ECG monitoring, and simulates Electrocardiogram of various diseases.

8. First Aid



- 1) CPR: According to AHA 2020 guideline for CPR, supports multiple ventilation ways: mouth to mouth and BVM to mouth, etc; electronically monitor airway opening, blowing volume, blowing frequency, blowing times, compression sites, compression times, compression depth and frequency, upload the data which collects from the sensor to the computer, so the operation can be shown in real time, and the software can automatically judge if the operation is correct or not.
- 2) Defibrillation: support real and simulative defibrillation
- 3) Pace-making: support real and simulative pace-making, and the software monitors pace-making beginning, pace-making capture beginning, pace-making heart rate, pace-making capture ending and pace-making end.
9. Drug administration
 - 1) Intramuscular injection: subcutaneous injection and intramuscular injection at bilateral deltoids; intramuscular injection at bilateral vastus lateralis muscles, buttock intramuscular injection
 - 2) Intravenous injection: arm intravenous injection or transfusion (blood transfusion)
 - 3) Operate simulative infusion pump and injection pump.
10. Pneumothorax puncture
 - 1) Manually squeeze the bulb, puncture at bilateral midclavicular line, the second rib with puncture needle, and gas can be drawn out after successful puncture
11. Thoracentesis & Drainage
 - 1) Perform thoracentesis and drainage at right midaxillary line, the 6th - 7th rib, and liquid can be extracted after successful puncture.
12. Basic nursing function
 - 1) Comes with fixed artificial teeth for oral cavity care
 - 2) Supports basic nursing operation, e.g. Face washing and hair washing, eye and ear rinsing
 - 3) The limbs are flexible enough for movement, left and right, up and down. The neck and mandibular joint are also movable, which makes it possible for training in clothing changes, binding up and fracture fixation, etc.
 - 4) Supports oxygen inhalation and multiple oxygen supply modes (via nasal catheter & mouth mask, etc), and the concentration of oxygen therapy is adjustable.
 - 5) Gastric intubation: simulates gaseous distention and supports gastrointestinal decompression training.
 - 6) Supports colostomy care and rectum stoma care.
 - 7) Interchangeable male and female genital organs for male catheterization and female catheterization.
 - 8) Supports enema operation.
13. Case Training /Assessment
 - 1) Multiple emergency cases are built in the software, and users can directly select one for training.
 - 2) Independent case edit module for users to edit the cases as required.
14. Monitoring software
 - 1) Monitor all kinds of vital signs and get parameters.



JY/J120 (optional)

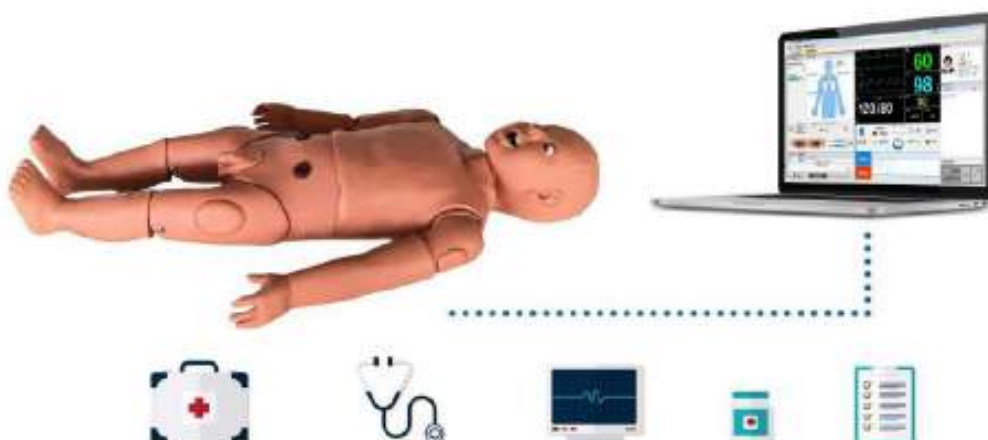


Child ACLS Emergency Training System (five-year-old)

Item No.: JY/ACLS-2500 (wired)

Item No.: JY/ACLS-2500W (wireless)

Features:



Implement Standard: AHA (American Heart Association) 2020 Guideline for CPR & ECC

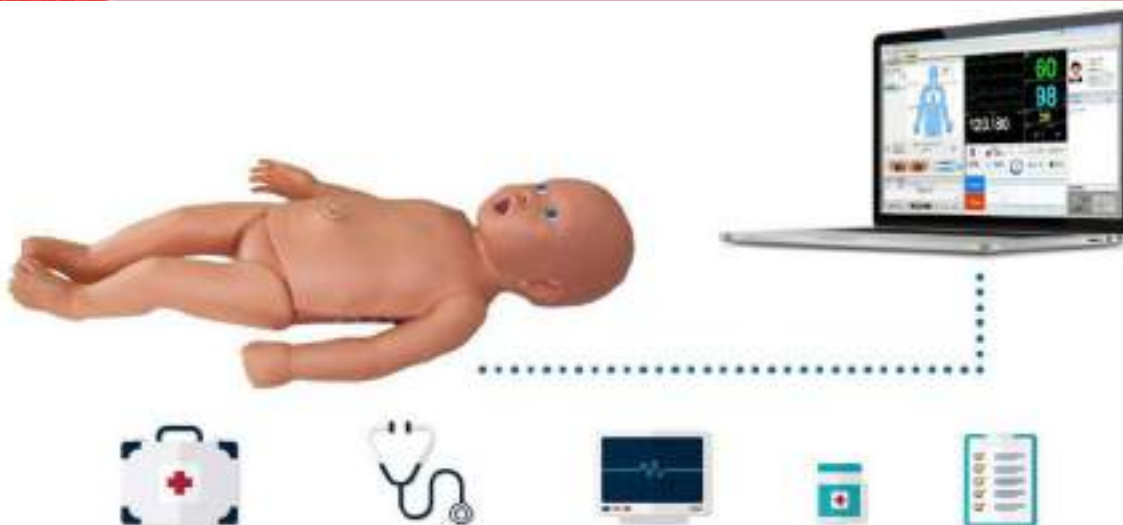
1. Pupils: one normal and the other mydriasis;
2. Carotid pulse can be palpated.
3. Airway management: realistic mouth, nose, tongue, gingiva, pharynx, esophagus and epiglottis, simulation of foreign body clearance, airway opening by means of head tilt, chin lift and jaw thrust. Supports endotracheal intubation, and there's prompts on the screen if intubation is correct or not.
4. Simulates spontaneous respiration with chest rise, support bilateral and unilateral chest rise.
5. Cardiopulmonary auscultation.
6. Thorax and Abdomen
 - 1) Manikin comes with organs: lungs, stomach, bladder and rectum. Both lungs support ventilation, and liquids can be injected into or drained out of the bladder and rectum.
 - 2) Pneumothorax puncture and paracentesis can be performed bilaterally.
 - 3) Auscultation: heart sounds, breath sounds, bowel sounds, and normal heart sound and breath sound vary with monitored heart rate and respiratory rate.
 - 4) Gastric intubation: supports gastric lavage and gastrointestinal decompression operation, detects tube position via auscultation, and gastric liquids can be extracted after successful intubation.
 - 5) Simulation of skin color: normal, central cyanosis, peripheral cyanosis, mixed cyanosis and pallor.
 - 6) Urethral catheterization: boy and girl perineum part is interchangeable, supports both male and female catheterization.
 - 7) CPR: supports multiple ventilation ways: mouth to mouth, mouth to nose, BVM to mouth and endotracheal intubation, etc; electronic monitoring of airway opening, intubation depth, blowing times and tidal volume, compression times and frequency, compression sites and depth and auto judgement of the ratio of compression and artificial respiration.
 - ★ Real defibrillation and pace-making: working together with real defibrillator and pace-maker prepared by user-self can achieve real defibrillation and pace-making.
 - ★ ECG monitoring: working together with real ECG monitor prepared by user-self can achieve real ECG monitoring.
 - ★ Simulative defibrillation and pace-making: working with simulative cardiac defibrillation pace-maker, available choice of defibrillation energy, and the max energy is 360J.
7. Limbs: manually measure the blood pressure, venepuncture/transfusion, skin care, intramuscular injection, bone marrow puncture (tibia), flexible cervical vertebrae and joints make it possible to adjust the body position from sitting to decubitus.
8. Software:
 - 1) Provides a variety of medicines, and intravenous drip and multiple routes of administration can be chosen. Preset the common dosage, usage and pharmacodynamics physiological reactions for each medicine.
 - 2) Provides various auxiliary examinations: biochemical reports, CT, ultrasound, ECG, etc.
 - 3) Training and assessment: a large number of system memory questions, first-aid theoretical knowledge, ECG recognition training, emergency scenes and cases, CPR training and assessment.
 - 4) Virtual case proficiency and assessments: built in common clinical case scripts involved in different depts.

Infant ACLS Emergency Training System

Item No.: JY/ACLS-2600 (wired)

Item No.: JY/ACLS-2600W (wireless)

Features:



Implement Standard: AHA (American Heart Association) 2020 Guideline for CPR & ECC

1. Life size infant manikin with flexible joints and realistic soft ribs, lungs, heart, stomach, liver, trachea and esophagus, etc.
2. Pupils: one normal and the other mydriasis.
3. Simulates spontaneous respiration, femoral pulse, umbilical artery pulse; cyanosis changes on infant cheek, lips, hands and feet with varying degrees.
4. CPR:
 - 1) External chest compression: the screen displays if compression depth and frequency is correct or not.
 - 2) Head hypsokinesis, electronic monitoring of airway opening status, supports multiple ventilation modes such as mouth to mouth, mouth to nose, BVM and breathing machine, etc.
5. Allows to work together with simulative defibrillator and pace-maker, default output energy is 1-360J, available 1-3 times of defibrillation, which can be freely set.
6. System will give prompts for both correct and wrong defibrillation.
7. For each defibrillation, ECG shows the changes of defibrillation waveforms.
8. Supports real and simulative AED.
9. Venepuncture: infant's arm supports venepuncture; skin and vessels are replaceable.
10. Nasal feeding: simulative gastric liquids can be extracted after proper gastric intubation.
11. Nearly 100 kinds of common emergency medicine for choice,
12. kinds of administration methods (intradermal, subcutaneous, intramuscular, intravenous injection, intravenous drip, intratracheal, external, sublingual, oral, rectal, injection pump and infusion pump) computer will display and make records automatically after correct operation.
12. Other functions of the software.
13. System will give prompts for wrong operation or setup.
14. Entire process records, save, print with passwords setting, safe and effective.
15. Optional network module: divided into teacher end and student end, including teacher modules, class mode, group mode, group discussion, teacher monitoring, student demonstration, broadcast teaching, window teaching, phonology teaching, rapid tutoring and electronic whiteboard, etc, which makes it easy to realize the interaction between teachers and students and situational teaching.

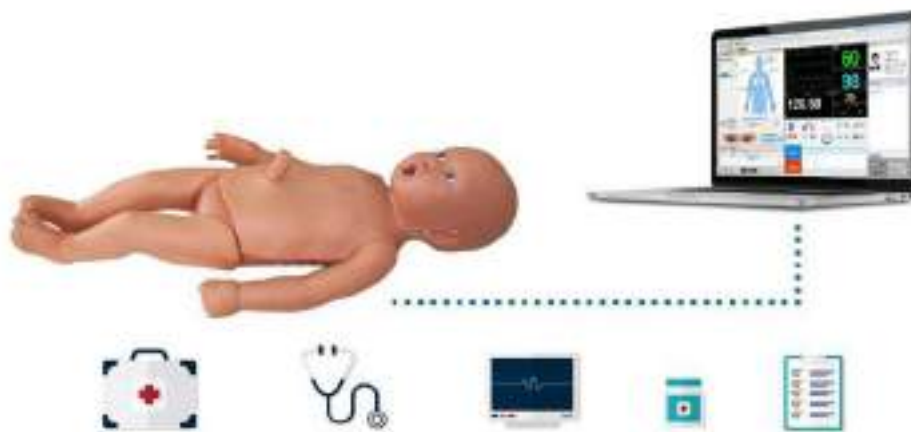


Neonatal ACLS Emergency Training System

Item No.: JY/ACLS-2700 (wired)

Item No.: JY/ACLS-2700W (wireless)

Features:

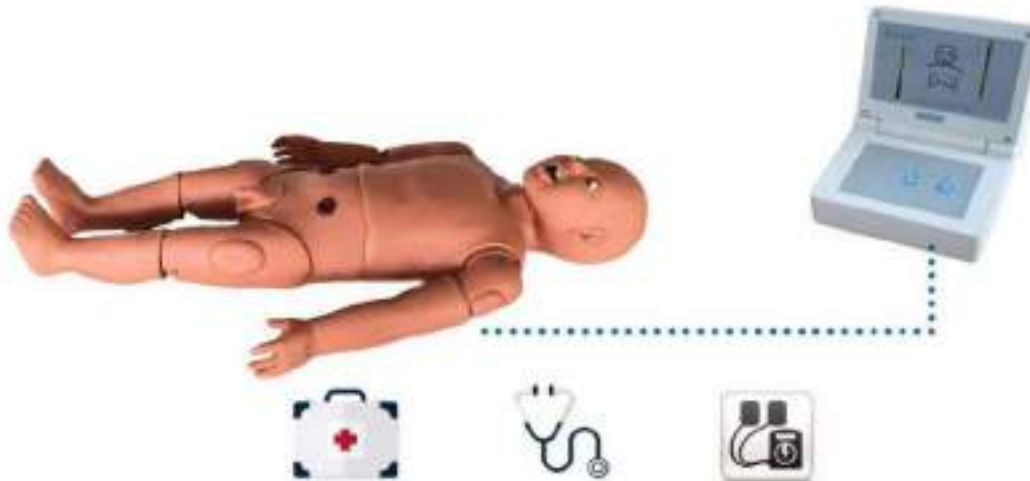


1. This product consists of neonatal nursing manikin, computer, control box and ECG monitor.
2. Great cases editing function, manikin's conditions vary with clinical treatment, which can cultivate student's correct clinical thinking and team spirit.
 - 1) Built in numerous real cases, which can be easily applied on software in a short time.
 - 2) Edit cases as required by user-self, easy to do.
 - 3) The course of disease can be stopped, suspended and replayed. Teacher can change patient's vital signs at any time to change the course to increase the difficulty of treatment and to assess the students' resilience.
3. The neonatal manikin comes with flexible joints and realistic anatomical structure such as soft ribs, lungs, heart, stomach, liver, trachea, esophagus and umbilical cord.
 - 1) umbilical vein catheterization: allows to extract umbilical venous blood and make injection delivery;
 - 2) There's obvious POP feeling and bone marrow can be extracted when tibia puncture is properly done;
 - 3) There's obvious POP feeling and venous blood can be extracted after proper venepuncture, and medicine can be injected into the vessel.
4. Neonatal cyanosis emergency system
 - 1) there're cyanosis changes on neonatal cheek, lips, hands and feet at varying degrees.
 - 2) The development of cyanosis is adjustable with 5 speed.
 - 3) Treatment: oxygen therapy and administration can be performed according to the manikin's condition, and administrate rational dosage according to its body weight and other index.
5. CPR: according to AHA (American Heart Association) 2020 for CPR & ECC
 - 1) Two working mode: training and assessment.
 - 2) Different assessment criteria and levels of difficulty can be set for different populations (emergency major, medical specialty, ordinary people, etc.) at varying age groups (adults, children, and infants).
 - 3) Three assessment criteria setting methods: system default; computer automatically measure teacher's actual operation, get the data and set it as the standard strength; tolerance settings.
6. Defibrillation:
 - 1) practice for synchronous/asynchronous defibrillation;
 - 2) Defibrillation energy: 1-360J, defibrillation times: 1-3, freely setup;
 - 3) System will give prompts for both correct defibrillation and wrong defibrillation;
 - 4) For each defibrillation, ECG shows the changes of defibrillation waveforms.
 - 5) After correct defibrillation, the system responds automatically, returning to a normal sinus electrocardiogram, or else displaying the death electrocardiogram.
7. AED: simulates "electric shock consulting system defibrillator", default output energy: 150J, 200J, 300J, turns to normal sinus ECG after correct operation.
8. External pacemaker: electrocardiogram changes automatically after each pacing.
9. Nearly 100 kinds of common emergency medicine for choice, 12 kinds of administration methods (intradermal, subcutaneous, intramuscular, intravenous injection, intravenous drip, intratracheal, external, sublingual, oral, rectal, injection pump and infusion pump), computer will display and make records automatically after correct operation.

Child ACLS Emergency Training Manikin (Wired, Five-year-old)

Item No.: JY/ACLS-250

Features:



1. Pupils: one normal and the other mydriasis
2. Carotid pulse can be palpated
3. Airway management: realistic mouth, nose, tongue, gingiva, pharynx, esophagus and epiglottis, simulates foreign body clearance, supports airway opening by means of head tilts, chin lifts and jaw thrust; supports endotracheal intubation.
4. Cardiopulmonary auscultation
5. Thorax and abdomen
 - 1) Manikin comes with organs: lungs, stomach, bladder and rectum. Both lungs support ventilation, and liquids can be injected into or drained out of the bladder and rectum.
 - 2) Pneumothorax puncture and paracentesis can be performed bilaterally.
 - 3) Auscultation: heart sounds, breath sounds, bowel sounds, and normal heart sound and breath sound vary with monitored heart rate and respiratory rate.
 - 4) Gastric intubation: supports gastric lavage and gastrointestinal decompression operation, detects tube position via auscultation, and gastric liquids can be extracted after successful intubation.
 - 5) Urethral catheterization: boy and girl perineum part is interchangeable, supports both male and female catheterization.
6. CPR: supports multiple ventilation ways: mouth to mouth, mouth to nose, BVM to mouth and endotracheal intubation, etc; electronic monitoring of airway opening, intubation depth, blowing times and tidal volume, compression times and frequency, compression sites and depth and auto judgement of the ratio of compression and artificial respiration.
 - ★ Real defibrillation and pace-making: working together with real defibrillator and pace-maker prepared by user-self can achieve real defibrillation and pace-making.
 - ★ ECG monitoring: working together with real ECG monitor prepared by user-self can achieve real ECG monitoring.
 - ★ Simulative defibrillation and pace-making: working with simulative cardiac defibrillation pace-maker, available choice of defibrillation energy, and the max energy is 360J.
7. Limbs: manually measure the blood pressure, venepuncture/transfusion, skin care, intramuscular injection, bone marrow puncture (tibia), flexible cervical vertebrae and joints make it possible to adjust the body position from sitting to decubitus.

Infant ACLS Emergency Training Manikin (Wired)

Item No.: JY/ACLS-260

Features:



1. Vital signs simulation: pupils (one normal and the other mydriasis), femoral pulse, brachial pulse and radial pulse, etc.
2. Airway management: realistic mouth, nose, tongue, gingiva, pharynx, esophagus and epiglottis, supports endotracheal intubation, sputum suction, gastric intubation.
3. NIBP measurement, intramuscular injection, bone marrow puncture, venous transfusion, venepuncture.
4. Cardiopulmonary auscultation.
5. CPR Training.
6. Real and simulative defibrillation, pace-making and ECG monitoring, etc.



Neonatal ACLS Emergency Training Manikin (Wired)

Item No.: JY/ACLS-270

Features:



1. Vital signs simulation: pupils (one normal and the other mydriasis), femoral pulse, brachial pulse and radial pulse, etc.
2. Airway management: realistic mouth, nose, tongue, gingiva, pharynx, esophagus and epiglottis, supports endotracheal intubation, sputum suction, gastric intubation.
3. NIBP measurement, intramuscular injection, bone marrow puncture, venous transfusion, venepuncture.
4. Cardiopulmonary auscultation.
5. CPR training. Real and simulative defibrillation, pace-making and ECG monitoring.
6. Umbilical nursing and neonatal nursing operation, etc.



Advanced CPR Training Manikin (New Construction)

Item No.: JY/Sim3300

Features:



Implement Standard: AHA (American Heart Association) 2020 Guideline for CPR & ECC

This CPR manikin features new-type simulated ribs structure with head tilting and available 180° rotation, which makes it easy to remove foreign body, built in light-reflex pupils, bilateral carotid pulse, and built-in sensor to detect external chest compression and artificial respiration (properly head tilting) and spontaneous chest rise after rescue.

This product helps to learn CPR practical skills and provides corrective feedback for training operation. The 2020 International Resuscitation Guide has comprehensively reviewed the correlation clinical studies on the effects of compression depth, compression frequency and other factors on ROSC and discharge survival rate, and put forward strict requirements for CPR:

1. Decrease compression interrupt: compression proportion CCF > 60%.
 2. Compression frequency: 100-120 times/min.
 3. Compression depth: at least 50mm, not over 60mm.
 4. Full thoracic springback in case of compression dependence.
 5. Avoid excessive ventilation.
- ★ Monitor and feedback in real time:
- 1) real time feedback on compression sites, depth, frequency and thoracic springback;
 - 2) Detects if airway is open; the built-in sensor detects the blowing tidal volume and drives the chest to rise up and down; gives feedback on volume and speed of air blowing;
 - 3) Can be used stand-alone or can be used with network.



6. Replica of Asian adult male, made from high polymer material, and the limbs are detachable;
7. Wireless connection to the manikin, powered by built-in lithium battery or eight dry cell.
8. Pupillary light reflex
9. New-type simulated thoracic ribs structure
10. Carotid pulse can be palpated bilaterally with spontaneous chest rise.
11. Supports BLS flow training, simulative AED and real defibrillator.
12. Supports result printing, and comprehensive and objective performance statistics can be generated automatically.
13. Supports QR code scanning.
14. Can be used alone or used with network.



Optional software:

Virtual Scenario Prehospital Emergency Training Software

Product Series

Item No.	Platform	Connection	Lithium battery	Simulated AED	Simulated Defibrillator	Medical Defibrillator	Virtual Scenario Software
Sim3300	Android	Bluetooth	√	None	None	None	√
Sim3300.100	Android	Bluetooth	√	√	√	None	√
Sim3300.200	Android	Bluetooth	√	√	√	√	√
Sim3300.300	Windows	Wifi	√	√	√	√	√

Advanced CPR Assessment System (New Construction)

Item No.: JY/Sim3350

Features:

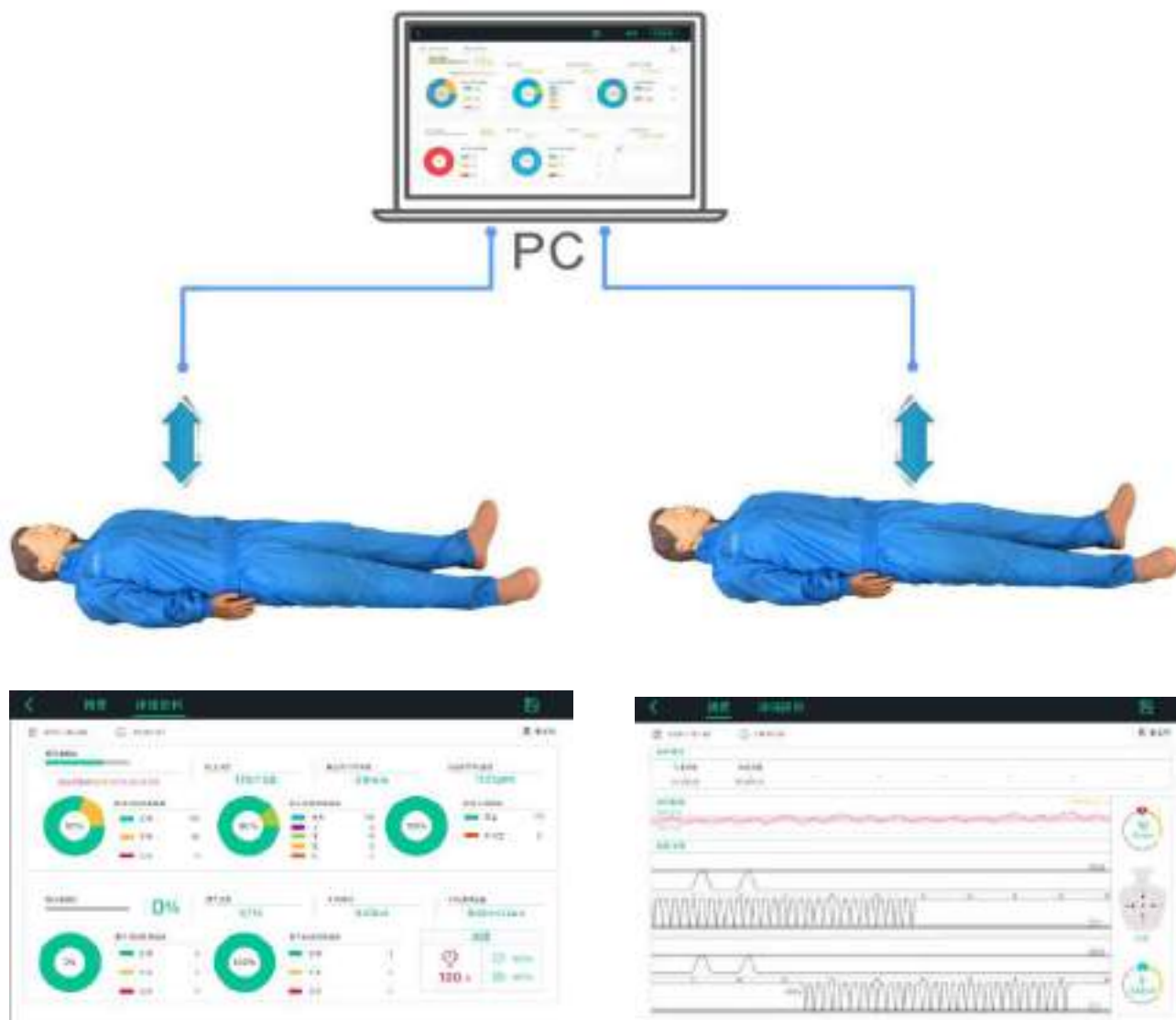


Implement Standard: AHA (American Heart Association) 2020 Guideline for CPR & ECC

- 1) External chest compression;
- 2) Open the airway by means of head tilt, chin lift and jaw thrust
- 3) Supports mouth-to-mouth and BVM assisted ventilation, and available chest rise after effective artificial respiration.

Besides all functions of JY/Sim3300, this system supports,

- 1) Independent ECG monitoring interface;
- 2) A computer can synchronously control multiple models for training assessment; operation transcripts are automatically generated and aggregated, and individual transcripts or batch transcripts can be selected for printing;
- 3) Real-time quantitative monitoring display: supports three grid display modes when multiple teams operate synchronously, showing each team's real time quantized value of compression/blowing (including the compression depth, compression frequency, blowing volume, correct percentage, compression interruption time and compression/blowing cycles).
- 4) Provides multiple emergency cases, and also supports cases edited by user-self, to work together with simulative AED.
- 5) Fully supports adult basic life support training process;



Optional software:

Virtual Scenario Prehospital Emergency Training Software

Product Series

Item No.	Platform	Connection	Lithium battery	Simulated AED	Simulative Defibrillator	Medical Defibrillator	Virtual Scenario Software
Sim3350	Windows	Wifi	√	None	None	None	√
Sim3350.100	Windows	Wifi	√	√	√	None	√
Sim3350.200	Windows	Wifi	√	√	√	√	√

Advanced CPR Assessment Platform (Web)

Item No.: JY/Sim3358

Features:



Following 2020 International CPR guidelines, the whole system consists of online training and assessment software, mobile CPR assessment device and central cloud management system. This quantitative CPR Training and assessment system allows multiple people to have CPR training synchronously; supports electronic process examination and grades objectively and subjectively at the same screen. Supports customized contest flow and project scores, and up to 10 judges can make evaluation on the tablet at the same time.

A. Central Cloud Management System

- 1) Student Management:
- 2) Customized contest flow, project scores:
- 3) Electronic exam mode (with multiple examiners and one examinee):
- 4) Intelligent judgment, save and print:
- 5) Performance statistics:

B. CPR Assessment Integrative APP Software

Supports multiple examiner assessment mode. According to electronic assessment flow, examiner should bind the manikin for evaluation firstly; when the examinee enters the room, start examination. Evaluate the operation objectively with quantitative figures for body position placement, compression maneuver and humanistic care, etc.

C. Online Training and Assessment Software Features:

- 1) Fully compatible with AHA 2020 international guideline for CPR & ECC; helps to learn practical skills of adult basic life support and CPR quality, and gives corrective feedback on training operations.
- 2) The system records the operating sequence and time of entire CPR process specifically, and provides operation for environmental safety, consciousness judgement, call 120, pulse palpation, breath test and foreign body removal, etc.
- 3) Software can set a standard for adults same as AHA required.
- 4) Electronic monitoring of compression, blowing and other index for the whole process.
- 5) Independent ECG monitoring interface, available info on the simulative defibrillator such as ECG display, blood oxygen saturation curve, respiration curve, exhalation-end carbon dioxide curve, body temperature and NIBP, etc; Pulses and ECG are available by the external compression. (peculiar to Windows).
- 6) Automatically generate comprehensive and objective statistics:
- 7) One computer can synchronously control multiple models for training assessment; operation transcripts are automatically generated and aggregated, and transcripts can be printed individually or in batches.
- 8) Real-time quantitative monitoring display: supports three grid display modes when multiple teams operate synchronously, showing each team's real time quantized value of compression/blowing.
- 9) Provides multiple emergency cases, and also supports cases edited by user-self, to work together with simulative AED, fully supports adult basic life support training process.



Product Series

Item No.	Platform	Connection	Lithium battery	Simulated AED	Simulative Defibrillator	Medical Defibrillator	Virtual Scenario Software
Sim3358	Windows	Wifi	√	None	None	None	√
Sim3358.100	Windows	Wifi	√	√	√	None	√
Sim3358.200	Windows	Wifi	√	√	√	√	√

Basic Life Support Training Manikin (CPR+AED)

Item No.: JY/BLS100

Item No.: JY/ALS100 (endotracheal intubation)

Features:



Implement standard: AHA (American Heart Association) 2020 guideline for CPR and ECC

1. Simulates pupils changes;
2. Simulates carotid pulse controlled by the software;
3. Supports CPR training, including external chest compression, airway opening and artificial respiration. Operating outcome can be shown in real-time on the software or on the monitor;
4. Comes with AED trainer;
5. Supports endotracheal intubation exercise (optional).

Advanced Adult CPR Training Manikin (WiFi Wireless)

Item No.: JY/CPR100W

Features:



Implement standard: AHA (American Heart Association) 2020 guideline for CPR and ECC

1. Manikin connected to the computer automatically via WIFI.
2. Manikin vital signs such as carotid pulse, heart rhythm, BP and SpO₂ (etc.) vary with the rescue outcome.
3. with inbuilt sensor, supports real-time feedback and monitoring the compression depth, frequency and blowing volume.
4. CPR operating modes: CPR Training, CPR Popularization and CPR Assessment.
5. Real-time statistics of correct and wrong blowing and compression times, and the computer graphical interface displays if the compression site is correct or not.
6. Real-time operating curves display blowing volume and compression depth: supports data statistics and results printing.
7. Voice prompt available during the whole process with adjustable volume.

Adult CPR Training Manikin (Wired)

Item No.: JY/CPR-011

Features:



Implement standard: AHA (American Heart Association) 2020 guideline for CPR and ECC

1. Accurate anatomical features, realistic feeling, natural complexion and perfect appearance
2. Manikin connected to the electronic monitor via compression and ventilation duct.
3. Manikin vital signs:
 - 1) Initial state: manikin's pupil mydriasis and no carotid pulse
 - 2) After successful rescue: manikin's pupil recover, and carotid pulse begin self-pulsation
4. Manikin's left shoulder supports consciousness judgement, and the result report can be printed after operation
5. Simulate airway opening, and the relative green light on the monitor will be triggered once the airway is open.
6. CPR operating modes: CPR Training, CPR Popularization and CPR Assessment:
7. Electronic monitoring: the electronic lights monitor the airway opening, compression sites (including one correct position and four wrong positions), times of correct and wrong artificial respiration and external chest compression.
8. Bar code shows the volume of insufflation: correct value should be 500 - 600ml.
 - 1) insufficient blowing, the bar code is yellow,
 - 2) proper blowing, the bar code is green,
 - 3) excessive blowing, the bar code is red.
- Bar code shows the compression depth: correct value should be 5cm - 6cm.
 - 1) Insufficient compression depth, the bar code is yellow,
 - 2) proper compression depth, the bar code is green,
 - 3) excessive compression depth, the bar code is red.
9. English voices prompts during the whole process and the volume is adjustable.
10. Compression frequency: 100-120 times/minute
11. Remote control can be used to reset, playback and simulate emergency call, pulse check, foreign body removal and breathing judgement, etc.
12. Power state: adopts 220V external power source, which can be used for both manikin and electronic monitor.

JY/CPR100B Adult CPR Training Manikin (Bluetooth Wireless)



CPR Training Manikin

Item No.: JY/CPR-009

Features:



Implement standard: AH A (American Heart Association) 2020 guideline for CPR and ECC

1. Pupil demonstration: one mydriasis and the other normal
2. Simulate standard open airway
3. Simulate free movements of upper limbs
4. External chest compression: display and alarm device
5. Artificial respiration (Inhalation): display and alarm device
6. Operating period: Ratio of compression and artificial respiration: 30:2 (one or two persons), complete 5 cycles.
7. Compression frequency: 100 - 120 times/minute
8. Compression depth: 5-6cm
9. Squeeze the bulb manually to simulate carotid pulse
10. Working conditions: adopts 220V external power source



Half Body CPR Training Manikin

Item No.: JY/CPR-008

Features:

Implement standard: AHA (American Heart Association) 2020 guideline for CPR and ECC

1. Pupil demonstration: one mydriasis and the other normal
2. Simulate standard open airway
3. Simulate free movements of upper limbs
4. External chest compression: display device and alarm device
5. Artificial respiration (Inhalation): display device and alarm device
6. Operating period: Ratio of compression and artificial respiration: 30:2 (one or two persons), complete 5 cycles.
7. Compression frequency: 100 - 120 times/minute
8. Compression depth: 5-6cm
9. Squeeze the bulb manually to simulate carotid pulse
10. Working conditions: adopts 220V external power source



Half Body CPR Training Manikin

Item No.: JY/CPR-006

Features:

Implement standard: AHA (American Heart Association) 2020 guideline for CPR and ECC

1. Simulate standard open airway
2. Support training in artificial respiration and external chest compression
3. Compression Frequency: 100-120 times/minute
4. External breast compression, intensity display of correct (5cm -6cm):
 - 1) The yellow indicator light display of correct compression position
 - 2) Buzzing sound of correct compression intensity, the green indicator light display
 - 3) Alarming sound of wrong compression intensity, the red indicator light display
5. The inflated tidal volume can be observed by the chest rise, commonly it should be 500-600ml.
6. Power supply: power adapter



Half Body CPR Training Manikin (Basic)

Item No.: JY/CPR-005

Features:

Implement standard: AHA (American Heart Association) 2020 guideline for CPR and ECC

1. Simulate standard open airway
2. Support training in artificial respiration and external chest compression
3. Compression Frequency: 100-120 times/minute, take the "tick" sound as the sign, and the compression depth should be 5cm - 6cm.
4. The inflated tidal volume can be observed by the chest rise, commonly it should be 500-600ml.
5. Power supply: power adapter



AED Simulator

Item No.: JY/AED001

Features:

1. Simulate AED workflow during first-aid procedure with voice prompts, and it hasn't high tension shock motion.
2. Interchangeable voice prompts, English or Chinese; and the volume is adjustable.
3. Pre-set up 9 programs of training mode, each mode is simulated real AED scenarios that meet the latest international training standards, and BLS process can be suspended or continued anytime.
4. Fault simulation, choosen via remote control, including "Something else touches patient's body during defibrillation", "wrong position of electrode pad", "no need of defibrillation", "need difibrillation", "machine error" and "battery low".
5. Can be used with manikins in any code and produced by any factory.



Half Body CPR Training Combination

Item No.: JY/AED001+

Features:

1. Simulate standard open airway
2. External breast compression, intensity display of correct (at least 5cm):
 - 1) Buzzing sound of correct compression intensity
 - 2) Alarming sound of wrong compression intensity
3. Artificial respiration (inhalation): the volume of inhalation is observed through observing the wave of breast; (tidal volume $\leq 500\text{ml}/600\text{ml}-1000\text{ml} \leq$)
4. Operation methods: exercise operation



Half Body CPR Training Manikin

Item No.: JY/CPR-017A

Features:

Implement standard: AHA(American Heart Association) 2020 guideline for CPR and ECC

1. Simulation of normal airway obstruction
2. Provide CPR operation practice ; simulation of airway opening and chest compression
3. Simulation of the chest expansion when the airway is empty
4. Simulation of the suffocation, foreign body obstruction in airway
5. Can operate adult Heimlich maneuver
6. Simulation of Carotid pulse
7. Individual MOUTH/NOSE piece. replaceable; comes with 3 MOUTH/NOSE piece;

Item No.	CPR	Obstruction	Control Box
JY/CPR-017A	√	√	
JY/CPR-017B	√		
JY/CPR-018A	√	√	√
JY/CPR-018B	√		√



Mini CPR Training Torso (Simple Version)

Item No.: JY/CPR-019

Features:

1. Small-size torso for CPR training;
2. Interchangeable child and adult working modes;
3. Supports airway opening, air blowing and external chest compression;
4. Available chest rise after successful artificial respiration;
5. Available voice prompts for correct compression.



Child CPR Training Manikin

Item No.: JY/CPR-003

Features:



1. Simulate standard open airway
2. External breast compression: display device and alarm device
 - a. Indicator light display of correct and wrong compression; alarm of wrong compression
 - b. Intensity display of correct (2-3 cm) and wrong (<2cm or >3cm) compression; alarm of wrong compression
3. Artificial respiration (inhalation): display device and alarm device
 - a. Inhalation <150-200ml or > 200ml, wrong indicator light display and alarm prompting; Inhalation between 150-200ml right indicator light display
 - b. Inhalation too quickly or too much result in air entering into stomach; indicator light display and alarm prompting
4. Ratio of compression and artificial respiratory: 30:2 (one person) or 15:2 (two persons)
5. Operating cycle: one cycle includes five times of 30:2 or 15:2 ratio of compression and artificial respiration
6. Operation frequency: at least 100-120 times per minute
7. Operation methods: exercise operation
8. Examination of carotid response: pinch the pressure ball by hand and simulate carotid pulse
9. Working conditions: Input power is 110-240V

Infant CPR Training Manikin

Item No.: JY/CPR-002

Features:



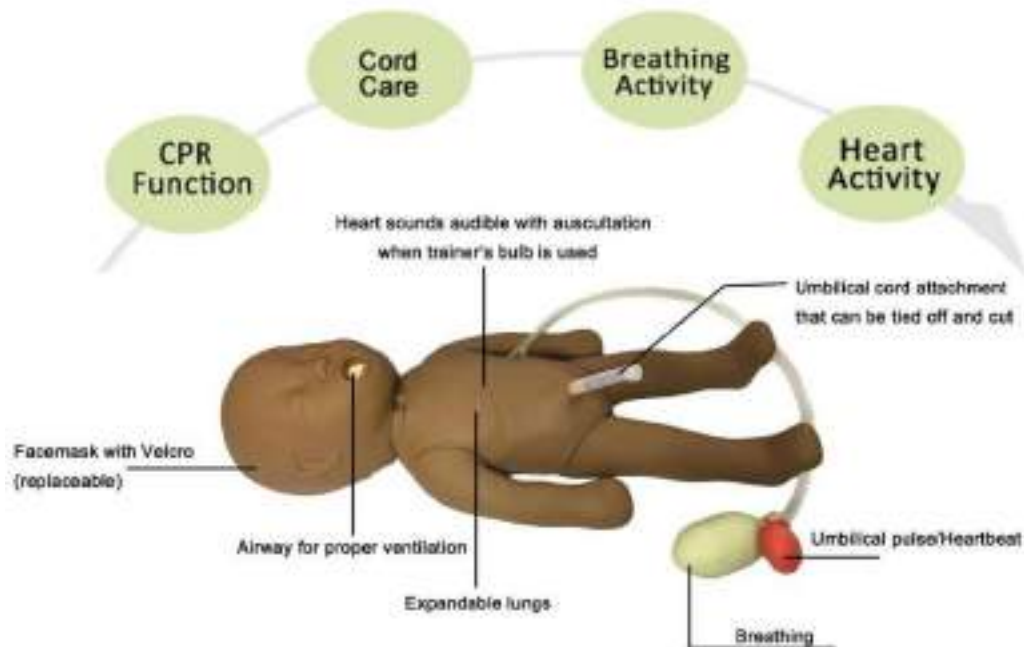
Implement standard: AHA (American Heart Association) 2015 guideline for CPR and ECC

1. Simulating standard open airway
2. Manually external breast compression with finger(s)
3. Respiration: during mouth-to-mouth & mouth-to-nose artificial respiration, chest rise can be seen
4. Operating period: one period includes five cycles of CPR according to ratio of compression and artificial respiration (30:2/single or 15:2/double)
5. Compression frequency: 100-120 times per minute
6. Compression depth: it should be 1/3 of chest anteroposterior diameter at least, about 4cm.
7. Pinch the pressure ball by hand to simulate brachial artery pulse
8. Supports colostomy care
9. Simulates abdominal suture and supports wound care
10. Working condition: Input power is 110-240V

Baby Jack Newborn Resuscitation Simulator

Item No.: JY/M-Baby

Features:



1. CPR: supports BVM to mouth, obvious chest rise; and external chest compression;
2. Simulates airway opening
3. Umbilical cord cutting and nursing
4. Equipped with pressure bulbs, manually squeeze the red one, there will be umbilical artery pulse; squeeze the green bulb, there will be spontaneous respiration.

Infant Obstruction Manikin

Item No.: JY/CPR-001

Features:

1. Artificial respiration and external chest compression
2. Simulation of natural airway, chest expand when airway opened
3. Airway opening and chest compression
4. Accurate anatomy, proportion of the standard live baby design
5. Simulation of body airway obstruction.



Trauma Simulator

Item No.: JY/J-011

Features:



1. Bone tissue exposure
2. Simulate all kinds of trauma of body, burned skin is replaceable.
3. Simulate rinsing, disinfection, hemostasis, dressing, fixation and transportation for wound parts.
4. Simulate open fracture and breakage in different body positions for management.
5. Trauma care: disinfection, dressing change, hemostasis and binding up.
6. Advanced trauma modules to come with,
 - 1) Facial burn: 1, 2, 3 degree
 - 2) Gun wound in the left palm
 - 3) Laceration in forehead
 - 4) Opened fracture of right thighbone
 - 5) The wound in jaw
 - 6) Compound femur fracture of left thigh
 - 7) Opened clavicular fracture and contusion wound on the chest
 - 8) Metal pricking wound in right thigh
 - 9) Opened tibia fracture of right leg
 - 10) The wound in abdomen with small intestine evisceration
 - 11) Opened fracture of right foot with truncating trauma on small phalanx
 - 12) Opened humerus fracture of right upper arm
 - 13) Opened fracture of right hand with parenchyma laceration
 - 14) Burns in right forearm: 1, 2, 3 degree
 - 15) Truncating trauma of leg thigh

Spinal Injury Transport Simulation Standardized Patient

Item No.: JY/J-012

Features:



1. Full body manikin with injuries at neck and spine, which can be used to examine how to transport neck fracture patients and spinal injury patients.
2. Voice prompts for incorrect positions when neck bows forward, leans backward and turn to left and right; voice prompts for incorrect positions during waist ante flexion and rear extension.
3. Voice prompts for wrong operation, and it will disappear when the manikin is placed correctly.
4. Pupils: one normal and the other mydriasis for contrast teaching demonstration
5. Supports trachea cannula and tracheotomy care.
6. Adopts straight moving with several persons. Avoid single person embracing the chest and moving alone in case of second spinal cord injury.
7. Equipped with several sensors, voice prompts will be activated when the transport method is wrong.
8. Supports nursing skills, e.g. nasal feeding, ileostomy and colostomy care, stoma irrigation, urethral catheterization, and deltoids injection.
9. Working condition: use DC 12V external power or rechargeable lithium battery.

Limbs Fracture First-aid External Fixation Simulation Standardized Patient

Item No.: JY/J-013

Features:



1. Simulates head trauma and limbs closed fracture, students can be familiar with symptoms of malformation, bony crepitus and abnormal motion and so on, and they can make diagnosis and treatment.
2. Master the operating skills of wounds rinsing, disinfection, binding up, restoration, fracture fixation and transport, which has great clinical meaning for surgical trauma first-aid skills training.
3. Trauma includes radius and ulna closed fractures (upper forearm), Tibia and fibula closed fractures trauma (lower limbs), and thigh compound trauma. The end of fracture is touchable, fracture-angle abnormality, with feeling of bone friction.
4. Mandible trauma modules: open jaw trauma modules, and wound management can be done for the jaw.
5. Basic nursing function: I.V. Injection, urethral catheterization, etc.
6. All types of fracture brace can be used with this manikin.
7. Can be widely used for emergency teaching demonstration and actual practice.

Simulative Cardiac Defibrillation Pacemaker

Item No.: JY/J120

Features:

1. The appearance and function is consistent with that of the real clinical one; supports wireless connection.
2. Built-in lithium battery.
3. Main functions:
 - 1) ECG monitoring, synchronous and asynchronous defibrillation, synchronous pacing, printing.
 - 2) Defibrillation: set the defibrillation energy range [0-360J].
 - 3) Pacing: pacing frequency and power settings; pacing capture judgment; pacing capture ECG display; the synchronization effect of pacing captures to heart rate; Chinese/English setting.

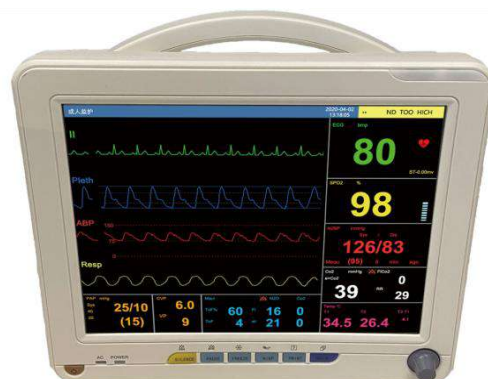


Simulative ECG Monitor

Item No.: JY/J130

Features:

1. Same appearance and interface with clinical ECG monitor.
2. Supports plug-in NIBP cuff, ECG leads and SpO2, etc.
3. Supports physical key functions such as on/off, mute, alarm pause, waveform freezing, selection, NIBP, main menu and rotation.
 - 1) The system will automatically inflates/deflates the cuff during the measurement of NIBP.
 - 2) Supports detection of ECG leads position .
 - 3) Support detection of SpO2.
 - 4) Supports display of auxiliary examination results such as CT, MR and blood tests, etc.
 - 5) Supports adjustments in the alarm upper and lower limits of heart rate, respiration, blood pressure, blood oxygen monitoring values, supports switches of ECG leads.
 - 6) Can be used together with JY/J120 simulative cardiac defibrillation pacemaker.
 - 7) Displays the passive heart rate waveform generated by CPR compression in real time.



Debridement Suture Head Model

Item No.: JY/J-11

Features:

1. Replica of an adult head and neck part with soft skin.
2. Clear skin layer, precise structure, realistic operating feeling, supports repeated suture exercise.
3. Allow to palpate skull fracture, bilateral upper transverse fracture type I & III, the nasal bone fracture, bilateral jaw fractures, C-6 spinal fractures, hemotympanum and deviation of the trachea, and display anisocoria.
4. Provides a surgical incision for teaching demonstration.



Trauma Accessories Kit

Item No.: JY/J-010

Features:

1. Facial burn: 1, 2, 3 degree
2. Laceration in forehead
3. The wound in jaw
4. Opened clavicular fracture and contusion wound on the chest
5. The wound in abdomen with small intestine evisceration
6. Opened humerus fracture of right upper arm
7. Opened fracture of right hand (including parenchyma laceration)
8. Gun wound in the right palm
9. Opened fracture of right thighbone
10. Compound femur fracture of left thigh
11. Metal pricking wound in right thigh
12. Opened tibia fracture of right leg
13. Opened fracture of right foot with truncating trauma on small phalanx
14. Burns in left forearm: 1, 2, 3 degree
15. Truncating trauma on left thigh
16. Closed tibia fracture of right leg and contusion wounds in left ankle and foot



High Simulation Trauma Evaluation Modules

Item No.: JY/J-010H

Features:

Fragment wound inlet, mild contusion, spider bites, shotgun wound outlet, shotgun wound inlet, military gun wound inlet, penetrating wound, sabre wound, moderate electric burning, moderate contusion, second-degree burn; third-degree burn, military gun outlet, serious electric burning, fragment wound outlet, scalp contusion, crus degloving injury, open fracture, knife wound, and intestine exposed wound, etc.



Trauma Limbs

Item No.: JY/J-009

Features:

1. Upper limbs and lower limbs trauma models;
2. Can be used as accessories, and can be connected to the CPR manikins.



Trauma Makeup Kit

Item No.: JY/J-HZ

Features:

1. Consists of make-up products, basic tools and trauma modules, which can be directly used for models and real human bodies,
2. Allows to produce different makeup looks, including scald, burns, bruises, bleeding, blood vomiting, gun wounds, etc.
3. Trauma modules can be placed on models or real human bodies to simulate different types of trauma.



Airway Management Simulator

Item No.: JY/J-004

Features:

1. Anatomically accurate head and neck structures, which will be more effectively to illustrate "Sellick maneuver".
2. Simulate laryngospasm and edema.
3. Supports thyrocricocentesis and tracheotomy care.
4. Supports practice in airway obstruction clearing and liquid foreign body suction.
5. Observe lung breathing movement when making artificial respiration, and supports practice in breath sounds auscultation.
6. Tracheal intubation via mouth
7. Nasal feeding and gastric lavage
8. Supports oral cavity, oropharynx and nasopharynx suction, make bronchial suction via mouth or nose with bronchoscope
9. Comes with simulative sputum to make the practice more realistic
10. Squeeze the bulb manually to simulate the carotid pulse



Airway Intubation Training Simulator

Item No.: JY/J-005

Features:

1. Accurate anatomical marks with good view of intubation
2. Supports trachea cannula via mouth and nose
3. Proper intubation, the lungs will inflate after air supply
4. Mistakenly insert into esophagus, the stomach will inflate after air supply, and there's electronic alarm function
5. If wrong operation make laryngoscope compress the teeth, there will be electronic alarm function



Electronic Trachea Intubation Training Simulator

Item No.: JY/J-006

Features:

1. Oral intubation
2. Correct operation, sound prompting, and pulmonary expansion
3. Wrong operation, stomach expansion or laryngoscope compressing the teeth will activate warning prompting.
4. Examination of pupil response: normal and mydriasis
5. Thyrocricoid punctures position instruction



Tryrocricocentesis Tracheostomy Simulator

Item No.: JY/J-007

Features:

1. Simulate dorsal position and neck extending
2. Accurate structure: thyroid cartilage, cricoid cartilage, crico-thyroid membrane,
3. Trachea is touchable.
4. Percutaneous thyrocricoid puncture, cricothyrotomy, tracheotomy can be practiced.
5. Comes with simulative trachea and neck skin for replacement



Infant Tracheotomy Care Simulator

Item No.: JY/H-303

Features:

1. Precise anatomy: pharynx, epiglottis, trachea, esophagus, position of tracheotomy, cricoid and left, right bronchial trees;
2. Tracheotomy care;
3. Suction via oral cavity;
4. Clean and care of tracheal cannula.

JY/H-403 Neonatal Tracheotomy Care Model

Airway Intubation and CPR Training Torso

Item No.: JY/J-008

Features:

1. The simulated airway can be used with laryngeal mask and compound cannula;
2. Lungs breathing movements can be observed during artificial respiration;
3. Trachea cannula, pharyngeal and esophageal intubation can be done via mouth and nose;
4. Supports oral, oropharyngeal and nasopharyngeal suction via mouth or nose with a bronchoscope;
5. Supports practice in opening airway and resuscitation ball-mask ventilation and CPR compression.



Neonate Tracheal Intubation Simulator

Item No.: JY/J-001

Features:

1. Realistic anatomy of neonate
2. Oral intubation and nasal feeding
3. Lifelike material
4. Directly observe the expansion of lungs and stomach by insufflating air into the tube and stomach so as to verify if the tube position is right.



Infant Tracheal Intubation Simulator

Item No.: JY/J-002

Features:

1. Realistic anatomy: tongue, pharynx, epiglottis, larynx, chordae vocals, trachea
2. Oral intubation and nasal feeding
3. Lifelike material
4. Simulate head tilt to operate conveniently
5. Directly observe the expansion of lungs and stomach by insufflating air into the tube and stomach so as to verify if the tube position is right.



Child Tracheal Intubation Simulator

Item No.: JY/J-003

Features:

1. Anatomically accurate mouth, larynx, trachea
2. Oral intubation and nasal feeding
3. The neck should be backward in order to open airway
4. Insufflating air into the tube so as to verify whether the tube position is right.



CPR Face Shield Sheet (50 pcs/box)

Item No.: JY-10005

Features:



CPR Compression Board

Item No.: JY-10004

Features:



Heimlich Training Vest (Adult)

Item No.: JY/J-CPR1

Features:



Heimlich Training Vest (Child)

Item No.: JY/J-CPR2

Features:



Organophosphorus Poisoning Emergency Standardized Patient

Item No.: JY/H-114

Features:



1. Adult male manikin with accurate anatomical marks and flexible joints; nipples, ribs, sternum and xiphoid are palpable, and viscera of real size can be observed.
2. Pupils: bilateral pinpoint-like;
3. CPR: supine position, head leaning back, easy to remove foreign bodies from respiratory tract;
4. Nasal feeding: simulative gastric juice can be extracted after successful intubation;
5. Gastric lavage: comes with a transparent stomach of real size, and gastric lavage can be done via mouth and nose with stomach pump, electric suction apparatus, stomach tube and gastric washing machine;
6. Interchange male and female urethral catheterization, and there will be simulative urine after proper operation;
7. Supports BP measurement on the left arm, and teacher can set systolic pressure, diastolic pressure and heart rate;
8. Intravenous injection: choose puncture needles of different types, there will be "POP" feeling during puncture, and blood will flow back after proper venepuncture. Transfusion can also be practiced.
9. Comes with injection modules for replacement.

Electronic Transparent Gastric Lavage Training Simulator

Item No.: JY/H-0005

Features:

1. Transparent chest wall, viscera are exposed such as stomach and lungs, easy to verify if the operation is correct;
2. Gastric tube can be inserted via mouth or nose; supports nasal feeding, gastric lavage, hemostasis and stomachoscopy; simulative gastric liquids can be extracted after proper operation, and liquids in the digestive tract can be drained out after all the operation.
3. Trachea cannula via mouth or nose; supports operation such as sputum suction and oxygen inhalation, etc.
4. Supports tracheotomy postoperative care and oral cavity care.
5. Manually generate carotid pulse.
6. Pupils (LCD): normal, mydriasis and pinpoint-like.



Transparent Gastric Lavage Manikin

Item No.: JY/H-0002

Features:

1. Replica of an adult male upper body, Support supine position and left lateral position;
2. Accurate anatomical structure, including teeth, tongue, uvula, trachea, bronchus, lungs, esophagus, stomach, diaphragm, gall bladder, pancreas, spleen, duodenum and colon, etc.
3. Comes with transparent thorax-abdomen shell, which makes it easy to see inner anatomical structure and whole operating process.
4. Come with a life-size transparent stomach, easy to observe how the gastric tube come into and come out of the stomach, with capacity of 300ml liquid.
5. The liquid in the digestive tract can be eliminated from body thorough a special pipeline.
6. Light warning system prompts different anatomical positions of gall bladder. (manually press the buttons to trigger the lights)



Multi-functional Transparent Gastric Lavage Simulator

Item No.: JY/H-0003

Features:

1. Replica of the upper body of an adult male with a transparent plastic front cover for thorax and abdomen part, which makes it easy to observe the positions and morphological structures of those organs, and the entire process how to insert the gastric tube and how to do gastric lavage.
2. Design based on normal human body's anatomical structure, high simulation and available feeling of resistance similar to performing gastric intubation on a real person.
3. Supports gastric lavage operation in different body positions (supine position, left-lateral position, sitting position); supports gastric lavage by means of gastric tube, electric suction device and gastric machines.
4. Supports basic nursing function, laboratory examination and simulates vital signs.



Child Transparent Gastric Lavage Simulator

Item No.: JY/H-2032

Features:

1. Developed as a teaching aids to train and make clinical medical workers know how to deal with pediatric emergency.
2. Replica of the upper body of a child with a transparent cover, easy to observe the shape and positions of viscera in the chest cavity and abdominal cavity, with a direct view on how to insert the gastric tube and process gastric lavage, it's very helpful to guide learners to have actual practice of gastric lavage.
3. The life-like shape and simulating structure can help to provide a good training.
4. Available postures such as supine position, left-lateral position and sitting position, etc, and gastric lavage can be operated by means of gastric tube, electric suction apparatus and gastric washing machine.



Upper Limb Trauma Amputation and Hemostasis Model

Item No.: JY/H-0027

Features



Compress the brachial artery to stop bleeding.

Lower Limb Trauma Amputation and Hemostasis Model

Item No.: JY/H-0028

Features



Compress the femoral artery to stop bleeding.

Interactive Hemostasis Emergency Training Arm (standalone)

Item No.: JY/J-110

Features

1. Simulates an adult's trauma arm
2. With simulative blood powder, vividly simulates multiple forearm traumatic bleeding, e.g. Gunshot, sharp injury, blast injury, etc.
3. Simulate radial artery pulse
4. Available practice of hemostasis by tourniquet pressure dressing, different pressure leads to different hemostasis effects, and the bleeding speed and the distal artery pulse rate will have corresponding dynamics changes.
5. Pressure changes are displayed in real time during the whole hemostasis process.



Interactive Hemostasis Emergency Training Leg (standalone)

Item No.: JY/J-112

Features

1. Simulates an adult's trauma leg, arterial hemorrhage and dorsal artery pulse, and the bleeding speed is adjustable.
2. With simulative blood powder, vividly simulates multiple forearm traumatic bleeding, e.g. Gunshot, sharp injury, blast injury, etc.
3. Simulate radial artery pulse
4. Available practice of hemostasis by tourniquet pressure dressing, different pressure leads to different hemostasis effects, and the bleeding speed and the distal artery pulse rate will have corresponding dynamics changes.
5. Pressure changes are displayed in real time during the whole hemostasis process.



Interactive Hemostasis Emergency Training Arm (online)

Item No.: JY/J-1100

Features:

1. Simulates standard Asian adult arm with realistic appearance and accurate anatomical structure.
2. Simulates forearm traumatic bleeding condition, and bleeding time, pulse rate, historical cases enquiry, type of bleeding (vein/artery) can be setup, students can judge according to bleeding features.
3. Simulates radial artery pulse.
4. Available training for hemostasis and binding up after vein/artery bleeding, and the bleeding frequency is consistent with pulse rate.
5. Practice hemostasis with tourniquet: the model can smartly feel the pressure, different pressure leads to different hemostasis effect, and pressure changes are displayed dynamicly and synchronously during the whole hemostasis process.
6. Operating results can be seen after training, easy for teachers to evaluate students' operating levels.



Interactive Hemostasis Emergency Training Leg (online)

Item No.: JY/J-1120

Features:

1. Simulates standard Asian adult arm with realistic appearance and accurate anatomical structure.
2. Simulates forearm traumatic bleeding condition, and bleeding time, pulse rate, historical cases enquiry, type of bleeding (vein/artery) can be setup, students can judge according to bleeding features.
3. Simulates radial artery pulse.
4. Available training for hemostasis and binding up after vein/artery bleeding, and the bleeding frequency is consistent with pulse rate.
5. Practice hemostasis with tourniquet: the model can smartly feel the pressure, different pressure leads to different hemostasis effect, and pressure changes are displayed dynamicly and synchronously during the whole hemostasis process.
6. Operating results can be seen after training, easy for teachers to evaluate students' operating levels.



Optional Accessories

Item No.	Optional Accessories	Available Function	Matching Products
Of any manufacturer	Real Cardiac Defibrillation Pacemaker	Real defibrillation and pace-making	JY/3GMan 3800、JY/Sim380、JY/ALS370 、 JY/ACLS-10001 、 JY/Sim3300、 JY/Sim3350、 JY/Sim3358
JY/J120	Simulative Cardiac Defibrillation Pacemaker	1. LCD display, shows real operation steps. 2. Safe and reliable, training effects same as the real one, won't cause any damage to human body.	JY/3GMan 3800、Jecy、Jack、John、JY/Sim380、 JY/ALS370 、 JY/ACLS-10001、 JY/Sim3300、 JY/Sim3350、 JY/Sim3358
Of any manufacturer	Real AED	Real AED	JY/3GMan 3800、JY/Sim380、JY/ALS370 、 JY/ACLS-10001
	Simulative AED	1. English voice prompts for operating steps. 2. Automatically detect the heart rhythm, select a mode and analyze if it needs defibrillation automatically.	JY/3GMan 3800、Jecy、Jack、John、JY/Sim380、 JY/Sim3300、 JY/Sim3350、 JY/Sim3358、 JY/CPR100B
Of any manufacturer	Real ECG Monitor	Real ECG monitoring	JY/3GMan 3800、JY/Sim380、JY/ALS370 、 JY/ACLS-10001 、
	Simulative ECG Monitor	Display parameters such as 12-lead ECG, blood oxygen saturation, CO2, etc.	Jecy、Jack、John、JY/3GMan 3800、JY/Sim380
	Recording and Broadcasting System	with local area network, observe students' operating maneuvers and procedures from all sides; record and playback for the whole process.	JY/3GMan 3800、JY/Sim380、JY/ALS370 、 JY/ACLS-10001、 JY/Sim3300、 JY/Sim3350、 JY/Sim3358
	Training and Assessment System	Records the entire process of students' operation, easy for teachers to guide students to improve training skills and assessment scores.	JY/3GMan 3800
	Situational Virtual Reality System	Simulates real onsite environment, vivid feels make the training effects better.	JY/3GMan 3800、JY/Sim380、JY/ALS370 、 JY/ACLS-10001、 JY/Sim3300、 JY/Sim3350、 JY/Sim3358、 John
JY/J-009	Trauma Limbs	1. Easy to replace imbs' trauma and burn skin; 2. Simulates rinsing, hemostasis and binding up for wound area; 3. Management for limbs' open facture and rupture.	JY/Sim380、JY/ALS370 、 JY/Sim3300、 JY/Sim3350、 JY/Sim3358
JY/J-HZ	Trauma Makeup Kit	Perform make-up on the manikin as required to meet the needs of debridement.	John、Jecy、Jack、JY/J-011、all kinds of manikins and real human skin
JY/J-010	Trauma Accessories Kit	1. Simulates all kinds of trauma modules, wearable and replaceable. 2. Simulates rinsing, hemostasis and binding up for wound area;	JY/J-011、all kinds of nursing manikins and real human bodies

Wearable Thoracic and Abdominal Surgery Training Model

Item No.: JY/WP1001

Features:

1. The simulated human tissue structure includes multiple organs such as skin, subcutaneous tissue, cricoid cartilage, thyroid cartilage, sternal stalk, sternal horn, papilla, intercostal space, ribs, intercostal muscle, intercostal nerve and blood vessels, pleura and lung tissue, intestines and liver, etc.
2. Wearable design, suitable for both manikin and real persons.
3. Provides protection at the back of the tissue to prevent it from hurting the wearer.
4. Simulates cricothyrotomy, tracheotomy, bilateral thoracotomy and closed drainage, exploratory thoracotomy, abdominal laparotomy and organs bleeding control.



Tibia IOI Training Model

Item No.: JY/WB400.1

Features:

1. Replica of an adult lower limb with obvious body surface signs, including groin, thigh, calf and foot.
2. Made of polymer material, environmental protection and pollution-free, and high simulation of skin.
3. Palpable tibia trochanter, and supports bone marrow puncture to establish infusion access.
4. Inbuilt liquid path makes the liquids easy to discharge.
5. Skin and blood vessels are replaceable.



Wearable Cricothyroid Puncture Training Model

Item No.: JY/WT100.1

Features:

1. Replica of an adult neck part with obvious body surface signs.
2. Wearable design, suitable for both manikin and real persons.
3. Protective devices are provided for surgical operation sites.
4. Simulates skin bleeding during the establishment of emergency airway.
5. Accurate anatomical structure with simulated cricothyroid membrane and there will be a "POP" feeling after proper thyrocricocentesis.
6. Consumables at thyrocricoid puncture site are replaceable.



Wearable Trauma Simulation Kit

Item No.: JY/WP200

Features:

1. The realistic skin with character of softness, elasticity and tear resistance.
2. Wearable design, suitable for both manikin and real persons.
3. Suture, paste and bleeding can be performed on the wounds to well practice the handling skills under different conditions.
4. Includes the trauma modules at head, limbs, chest, abdomen and shoulder, showing various types of trauma; some wounds can simulate bleeding, and blood flow speed is adjustable; supports tourniquet hemostasis and bandaging.
5. Comes with 9 trauma modules and 6 trauma paste modules.



Wearable Burn Simulation Kit

Item No.: JY/WP201

Features:

1. The realistic skin with character of softness, elasticity and tear resistance.
2. Wearable design, suitable for both manikin and real persons.
3. Can be used for burn grade classification and burn area evaluation; cover the face, chest, abdomen, buttocks and limbs, showing the burn grade of I degree, shallow II degree, deep II degree and III degree, accompanied with performance of skin redness, blistering, brown and charring.
4. Provides cosmetic materials to realize better burn effect.



Wearable Explosive Injury Simulation Kit

Item No.: JY/WP202

Features:

1. The realistic skin with character of softness, elasticity and tear resistance.
2. Wearable design, suitable for both manikin and real persons.
3. Comes with multiple face masks for over 20 types of wounds; liquids flowing out of the mask simulates sweating, tearing, nasal discharge and oral reaction excreta.
4. Other masks have different stages of smallpox, anthrax and chemical burns.
5. Adhesive wounds show the stages of IED injury and disease state.
6. Comes with 18 trauma modules, which can be quickly applied into trauma management training.



Wearable Bullet Wound Simulation Kit

Item No.: JY/WP203

Features:

1. The realistic skin with character of softness, elasticity and tear resistance.
2. Wearable design, suitable for both manikin and real persons.
3. It can simulate complex injuries such as foot explosion injury, arm gunshot wound, leg gunshot wound, shrapnel injury, avulsion injury, open fracture with bleeding and limb amputation injury, etc., which represents the wounds caused by explosions and chemical disasters.
4. The kit shows 12 types of trauma wounds.
5. Provides cosmetic materials to draw some wounds.
6. Comes with a transfusion bag for some wounds to simulate bleeding, and practice bleeding management skills.



Basic Wading Rescue Manikin

Item No.: JY/WB200

Features:

1. Replica of an adult upper body, made from new waterproof material, skin resistance to high and low temperature and of good flexibility.
2. Can achieve adult drowning suspension state and sinking after adding the weighted vest, which makes the manikin meet the requirements of drowning rescue training.
3. Supports CPR training.
4. The mouth and nose parts are replaceable.



Burn Training Manikin

Item No.: JY/WB802

Features:



1. Replica of an adult male, 175cm tall ($\pm 5\%$).
2. With realistic appearance and accurate anatomical structure, reflects the whole body flexible skin and subcutaneous muscle tissue, simulates full body bone structures and shows the bony landmarks.
3. Airway management : open the airway by three modes, head tilting, forehead and neck raising and chin lifting with hands, supports endotracheal intubation.
5. Palpable carotid artery and radial artery pulses.
6. with oral cavity, nasal cavity, airway and esophagus; supports cricothyroid membrane puncture.
7. Simulate multiple burn on the whole body at degree I, degree II and degree III.





Clinical Medicine

Comprehensive Puncture and Percussion Examination Skills Training Simulator

Item No.: JY/L-1001

Features

1. Realistic Manikin

- 1) Automatic carotid artery, right femoral artery pulse and left femoral artery pulse, realistic palpation feeling;
- 2) Percussion: supports training in pneumothorax, hydrothorax, hepatic dullness and shifting abdominal dullness in abdomen
- 3) While liver puncture operation, palpation of liver area, patient may groan; Liver puncture with breath holding prompts to limit puncture time
- 4) Realistic and obvious body surface symbol: sternomastoid muscle, sterna angle, appendix ensiformis, clavicle, cervical rib, anterior superior, etc;
- 5) Replaceable bone marrow puncture modules
- 6) Voice prompts for proper puncture and wrong puncture



2. Convenient and flexible console

- 1) Convenient to move, simple fixation and stable
- 2) Manikin's body position can be easily changed according to operation, such as supine position, sitting position, semi-sitting position, right arm reclining, prone position, anteverted sitting position, etc;
- 3) Buttons on the control panel for choice and comes with a human torso and prompts for needle penetrating sites.

3. Realistically simulate operation process, provide 10 puncture sites:

- 1) right internal jugular venipuncture
- 2) right subclavian venipuncture
- 3) right femoral venipuncture
- 4) left pneumothorax puncture
- 5) left pleural effusion puncture
- 6) liver puncture and pus aspiration
- 7) abdominocentesis
- 8) pericardiocentesis
- 9) intracardiac injection
- 10) anterior superior iliac spine bone marrow puncture

4. With touch-button on the control panel, illustrate the clinical meaning and operation methods of puncture sites in detail.

5. Before puncture, there will be workflow explanation; and there will be voice prompts and indicator light prompts for correct or wrong operation position;

6. Available voice prompts to explain operation in training mode; unavailable of this function in test mode

Abdominal Shifting Dullness Percussion and Abdominocentesis Simulator

Item No.: JY/L-1002 JY/L-1002B Without Control Console

Features

1. Replica of a standard patient, which features soft texture and realistic touch feeling
 2. Accurate anatomical landmarks such as inferior margin of costal arch, cuspides, straight muscle of abdomen, umbilicus, groin, anterior superior spine and crista iliaca, etc.
 3. Take left or right arm recumbent for abdominal shifting dullness percussion training.
 4. Take incline or left arm recumbent for abdominocentesis
 5. Obvious "POP" feeling after successful puncture and simulative abdominal hydrops can be extracted.
- Note: The skin and all kinds of puncture cavities are replaceable.



Electronic Pleural Puncture of Back Simulator

Item No.: JY/L-1003

Features

1. The manikin backward sits in the armchair, arms put on the edge of the chair back, and head puts in the forearm, which meets clinical puncture requirements.
2. Distinct body surface symbols, can touch armpit, the seventh cervical vertebra, thoracic vertebra, shoulder blade bone, ribs, intercostal space, etc.
3. Puncture can be performed at anterior axillary line, midaxillary line, posterior axillary line or linea scapularis, and there will be obvious "Pop" feeling when the needle penetrates into the pleural cavity, and simulative pleural effusion can be extracted if the puncture is successful.
4. Lumbar puncture
5. Puncture sites equipped with electronic detecting system, and there will be voice prompts for proper puncture or wrong puncture.
6. Same puncture site support repeated puncture training.



Central Venepuncture Intubation Training Simulator

Item No.: JY/L-1004

Features

1. The model takes the hyperextension of the shoulder, with head turning to the left;
2. Accurate anatomical structure such as the triangle area which formed by the clavicular head, sternum head and clavicle of the sternocleidomastoid, can be easily sensed to ascertain puncture site.
3. Simulate carotid pulse.
4. Support internal jugular vein puncture intubation technique training, subclavian venipuncture, intubation technique training, and supraclavicular venipuncture intubation technique training. And there will be obvious "Pop" feeling when the needle penetrates into the vein, and simulative blood can be extracted.
5. Supports the heart floating swan-ganz intubation and CVP measurement training.



Electronic Thoracic cavity Closed Drainage Simulator

Item No.: JY/L-1005

Features

1. Mechanical breathing device: the electronic standardized patient with spontaneous breathing, chest and abdominal breathing movement;
2. Collarbone midline (double side) before the second rib, liquid (double side) between the front rib or hydraulic line 5. Respectively implemented drainage tube placement, and visible sealed bottle inside liquid level fluctuates up and down with the breath;
3. Possible postoperative drainage tube nursing training.



JY/L-1005D Thoracic cavity Closed Drainage Nursing Care Simulator

Bone Marrow Puncture Simulator

Item No.: JY/L-1007

Features

1. Accurate cutting marks: top notch on the sternum, before the iliac spine can obviously touch, such as easy to puncture.
 2. Position: Feasible iliac spines centesis on before training, and sternum punctures handle, pierce through simulation marrow cavity has obviously lost feeling, and can extract the bone marrow.
 3. Easy to replace the skin and simulated marrow cavity.
- Note: The skin and all kinds of puncture cavities are replaceable.



Electronic Liver Abscess Puncture Simulator

Item No.: JY/L-1008

Features

1. Liver abscess puncture, can find liver area pressure point, have the breath training language tips, can puncture with breath rhythm;
2. Puncture has conspicuously failed feeling, can take out simulation liver ichor;
3. Take half lying position (simulation) in severe patients thoracentesis, buckle diagnosis available flatness, puncture has conspicuously failed feeling, can take out your chest effusion;
4. Electronic surveillance: needle along the lower ribs on the edge of the vertical Pierce, piercing the error with language.



Advanced Pericardium Puncture Simulator with intracardiac injection

Item No.: JY/L-1009

Features

1. Simulation model in inclining clinostatism with soft texture, true feeling and realistic appearance.
2. Accurate anatomical positions: such as sternum, xiphoid process, ribs, and intercostal space and so on, which can be obviously felt.
3. Puncture training in pericardial area and inferior to the junction of xiphoid process and the 7th costicartilage is available, and when the puncture needle enters pericardial cavity, there will be liquid with negative pressure.



Full-functional Venipuncture Simulator

Item No.: JY/L-1010

Features

1. Simulation of standardized patients take the hypothesis, shoulder pillow hyperextension, low head and turned The left side, texture soft, feel real, image lifelike appearance;
2. Low accurate anatomical position: the clavicle, the sternal end of clavicle, sternocleidomastoid, On the sternum, navel, groin, and inguinal ligament surface marks, Can clear perception;
3. Low simulation carotid pulse, pulses;
4. Low feasible training internal jugular vein puncture, femoral vein puncture, etc.,
5. Puncture has frustrated feeling, can take out simulation venous blood;
6. Low viable heart floating catheter technique training.



Note: skin and simulated blood vessels can be replaced, supply of consumables.

Lumbar Puncture Simulator

Item No.: JY/L-1011

Features

1. Take a seated position or a lateral position. When lying laterally, the back is perpendicular to the bed surface, and the head is bent forward. The knees are flexed to the abdomen and the trunk is arched.
2. Accurate puncture site structure: There are complete 1 to 5 lumbar vertebrae (vertebral body, vertebral arch plate, spinous process), from the outside to the inside are skin, subcutaneous tissue, muscularis, supraspinous ligament, interspinous ligament, ligamentum flavum, Lastly for the dura.
3. The following operations are available: spinal anesthesia, lumbar puncture, epidural block, caudal nerve block, radial nerve block, lumbar sympathetic block, etc.
4. Simulated lumbar puncture, successful cerebrospinal fluid outflow.
5. The puncture skin can be replaced.



Full-functional Central Venous Injection Simulator

Item No.: JY/L-1013

Features

1. Simulate an adult's torso, supine position, head to the left;
2. The anatomy is obvious, including the necessary anatomical structure for puncture;
3. Can simulate carotid and femoral arterial beats;
4. Internal jugular vein, external jugular vein, subclavian, Intravenous and femoral vein puncture exercises;
5. The groin, neck module, and internal blood vessels can be replaced.



Central Venous Puncture and Catheterization Simulator

Item No.: JY/L-1014

Features

1. Precise anatomical structure: suprasternal notch, clavicle, right cervical ribs, sternocleidomastoid and etc.
2. Lifelike vessel structure: internal jugular vein, external jugular vein, subclavical vein and brachiocephalic vein.
3. The puncture of internal jugular vein and Subclavical vein and heart catheterization can be practiced.
4. The skin and veins can be replaced and students will feel an apparent "pop" when the needle has been thrust into the vein.



Peripheral Puncture and Central Venous Puncture Simulator

Item No.: JY/L-1015

Features

1. Simulative adult torso with right arm. There are apparent anatomical marks: clavicle, suprasternal notch, sternocleidomastoid muscle, pectoralis major muscle, ribs and deltoid muscle.
2. Lifelike veins: superior vena cava, internal jugular vein, subclavical vein, cephalic vein, basilic vein and median cubital vein, etc.
3. With apparent anatomical marks, the model can be used to practice the puncture of internal jugular vein, subclavical vein, cephalic vein and heart catheterization.
4. The skin and veins can be replaced. There will be a "POP" feeling when puncture needle has been properly thrust into the veins.



PICC Simulator

Item No.: JY/L-1016

Features

The model is suitable for central venipuncture of internal carotid vein and subclavical vein and peripheric venipuncture (arm veins) of cephalic vein. The cervical veins and arm veins can be filled with simulative blood.

1. Replica of an adult torso with right arm with apparent anatomical marks: clavicle, suprasternal notch, sternocleidomastoid muscle, pectoralis major muscle, ribs and deltoid muscle.
2. Involved superior vena cava, internal jugular vein, subclavical vein, cephalic vein, basilic vein and median cubital vein, etc.
3. With apparent anatomical marks, the model can be used to train puncture and catheterization of internal carotid vein, subclavical vein, cephalic vein and heart catheterization.
4. The skin and veins are replaceable. There's an apparent "POP" feeling when puncture needle penetrates into the veins properly.
5. The heart floating Swan-Ganz intubation can be exercised.



PICC Intervention Simulator

Item No.: JY/L-1017

Features

1. Replica of an adult upper body with obvious landmark.
2. Transparent cyclic system: cephalic vein, basilic vein, jugular vein, subclavian vein, precava and heart; the whole process of the catheter entering precava can be seen.
3. Demonstration and practice of central and peripheral venepuncture can be done.



Pneumothorax Treating Simulator

Item No.: JY/L-1018

Features

1. A male half-body structure with anatomical features. Pneumothorax decompression exercises can be performed.
2. Correct anatomical marks are used to help locate training.
3. Provide bilateral bone midline second rib gap or midline The fifth intercostal space can be used for thoracic decompression training to discharge gas.
4. Hand-pinch inflation is very convenient.
5. Puncture can be repeated several hundred times in the same lung sac.



Thoracentesis Drainage Simulator

Item No.: JY/L-1019

Features

1. Pneumothorax decompression, closed chest drainage of hydropneumothorax and drainage tube care after operation can be practiced.
2. Two visual windows in right thorax to show each layer of anatomical structures.
3. Pneumothorax decompression training, closed drainage of hydropneumothorax training and thoracocentesis training in the left thorax.
4. The puncture pad and drainage wound pad can be replaced.

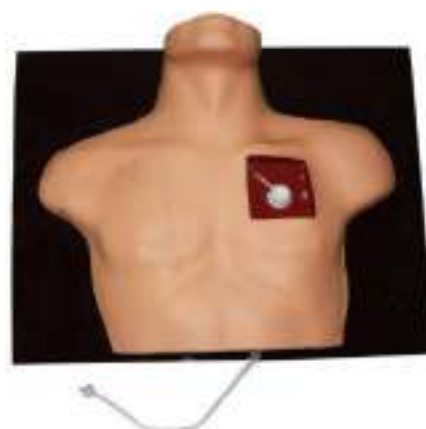


Venous Intervention Simulator

Item No.: JY/L-1020

Features

1. Adult's upper body, realistic morphology and true texture.
2. Standard puncture position and obvious marks on body surface, easy for location.
3. Vein catheterization
 - * Median cubital vein, internal jugular vein and subclavian vein all allow venous puncture practice. And there's backflow of blood for proper puncture;
 - * Can simulate difficult intubation;
4. Chemotherapy pump
 - * Show the path and operation method of embedding chemotherapy pump internally;
 - * Clearly react all the possible abnormal conditions caused by the pump in the body: chemotherapy pump incline, shifting and rolling over;
 - * Available exercise on touching where to place the internal chemotherapy pump;
 - * Practice in disinfection before administration and injection;
 - * Equipped with 3 different thoracic muscle modules to simulate shallow, moderate and deep embedment of chemotherapy pump;
5. Show the path and method of subcutaneously central vein catheterization.
6. Allow operation such as medicine transfusion, fluid infusion, blood specimen collection, heparinization and nutrition supply



Lumbar Puncture Simulator

Item No.: JY/L-1021

Features

1. The waist 1 and the waist 2 are naked and easy to observe the shape of the spine.
2. Waist 3 - Waist 5 is a functional position with obvious body surface markings for easy identification.
3. The following operations can be performed: spinal anesthesia; epidural anesthesia; anesthesia of the appendix.
4. There is a sense of blockage when the needle is inserted. Once injected into the relevant area, there will be a sense of fall and simulate cerebrospinal fluid outflow.
5. Simulator can be vertical and horizontal puncture.



Peritoneal Dialysis Simulator

Item No.: JY/L-1022

Features

1. The peritoneal dialysis model is specially designed for medical persons.
2. Standard position of ostomy and simulative liquid will flow out.



Maxillary Sinus Puncture Training Simulator

Item No.: JY/L-1025

Features

1. The maxillary sinus puncture training can be performed on the left and right nasal cavity of the model, and a successful breakthrough can be achieved by puncturing the inferior turbinate.
2. The maxillary sinus cavity can be flushed with pus, and the fluid and pus can be seen flowing out of the maxillary sinus opening of the middle meatus.
3. This model is an adult male head with real human skin texture. The model material feels real.
4. The model can undergo repeated puncture training.
5. The model is compact and easy to handle.



Abdominal Puncture Training Model

Item No.: JY/L-1026

Features

1. Replica of a female standardized patient with blinking eyes and accurate anatomical structures, such as clavicle, breast, ribs, intercostal space, suprasternal fossa, midclavicular line, anterior axillary line, anterior superior iliac spine, iliac crest and umbilicus, etc.
2. Supports training in preoperative disinfection, towel laying and local anesthesia.
3. Supports abdominal puncture training.
4. Supports breast palpation and breast puncture biopsy training.
5. The skin of the puncture area can be easily replaced.



Bladder Puncture Simulator (Male)

Item No.: JY/H-0020

Features

1. The anatomy of the model is accurate and the bony marks are obvious.
2. Male catheterization and bladder irrigation, puncture and other operations
3. The bladder can be replaced, and fluid can be injected to make the bladder filling.



Bladder Puncture Simulator (Female)

Item No.: JY/H-0021

Features

1. The model has an accurate anatomical structure with obvious bony marks and can expose the urethral meatus.
2. Female catheterization and bladder irrigation, puncture and other operations.



Sengstaken-Blakemore Tube Training Simulator

Item No.: JY/L-1032

Features

1. Replica of an adult male with distinct anatomical signs and simulated internal organs.
2. Realistically simulates the gastric fundus vein bleeding, after effective rescue, successfully stop the bleeding.
3. There will be a "POP" feeling after proper venepuncture, and vein blood can be extracted, and transfusion can also be done.
4. Skills available to be practiced,
 - 1) Three-cavity two-capsule compression
 - 2) Venepuncture
 - 3) Catheterization
 - 4) Stomach tube insertion and gastric lavage
 - 5) Subcutaneous injection
 - 6) Intramuscular injection
 - 7) Aerosol inhalation therapy
 - 8) Oxygen inhalation
 - 9) Ostomy care, etc



Knee Cavity Injection Simulator

Item No.: JY/L-101A

Features

1. It has the characteristics of local anatomy of knee joint, femur, patella, tibia, four biceps femoris muscle and patellar ligament, suprapatellar bursa, synovial plica (fat pad) and lateral collateral ligament of knee. Other structure, apparent surface markers, it can be used to locate the joint correctly.
2. Method for puncture and injection of knee joint cavity (synovial bursa) capable of training
3. When the puncture site is operated correctly, the model has a corresponding part of the green light display.
4. Standard puncture position, can be injected into the synovial cavity liquid, repeated operation training.
5. Skin is replaceable.



Elbow Cavity Injection Simulator

Item No.: JY/L-101B

Features

1. Standard anatomical structure with internal condyle of humerus, external condyle of humerus, cubital nerve, ulna, radial bone and cavity of elbow joint;
2. Therapy site of golf elbow and tennis elbow;
3. Right arm elbow bend and can rotate along a fixed axis;
4. Used for therapy training of soft tissue intra-articular injection for elbow injury and inflammation.
5. Puncture site training: golf elbow and tennis elbow, alarm after press or puncture



Shoulder Joint Cavity Injection Simulator

Item No.: JY/L-101C

Features

1. Standard anatomical structure such as scapula, clavicle, humerus, deltoid, biceps muscle of arm and ligament of shoulder joint;
2. Puncture and injection sites study;
3. Six different regions for puncture and injection;
4. Intelligent evaluation system: the green light on the control box shows the correct puncture site.



Wrist Joint Cavity Injection Simulator

Item No.: JY/L-101D

Features

1. Replica of an adult wrist;
2. Supports carpal metacarpal articular intracavity injection, injection sites including the first carpal metacarpal joint, trigger finger, processus styloideus radii stenosing tendinitis, median nerve carpal canal and carpal canal.
3. Indicator lights will be on for correct puncture.



Ankle Joint Cavity Injection Simulator

Item No.: JY/L-101E

Features

1. Replica of an adult foot and ankle with obvious anatomical structure.
2. Supports intracavity injection at different sites of foot and ankle joints.
3. Indicator lights will be on for correct puncture.



Adult Femoral Artery Puncture Simulator

Item No.: JY/L-106

Features

1. Replica of an adult male torso in supine position.
2. Supports femoral artery puncture.
3. Supports arterial blood collection.
4. Comes with an extracorporeal circulation device.
5. Skin and blood vessels are replaceable.



Lymph Node Palpation Simulator

Item No.: JY/L-1036

Features

1. Replica of an adult male body with obvious body surface markings.
2. Included palpation of lymph nodes in eight different locations such as cervical lymph nodes, left and right preauricular lymph nodes, left and right ear lymph nodes, axillary lymph nodes and left and right inguinal lymph nodes.
3. Normal and different lesions of lymph nodes identification.
4. Can be replaced with different symptoms to simulate a variety of cases. There are electronic sensing areas in the three palpated lymph nodes of the model, accompanied with voice prompts during palpation.



Subclavian venepuncture Simulator (electronic)

Item No.: JY/L-1037

Features

1. Replica of a simulated standardized patient in supine position with accurate anatomical structure such as: clavicle, clavicular sternal end, sternocleidomastoid muscle umbilicus and inguin, etc.
2. Electronic simulation of carotid pulse, femoral artery pulse;
3. Supports venepuncture training in internal jugular vein, subclavian vein and femoral vein, and there'll be a "POP" feeling and simulative blood flows back after proper venepuncture.
4. Heart floating Swan-Ganz intubation can be practiced.



Advanced Cardiopulmonary and Abdominal Examination Teaching System

Item No.: JY/TCZ1100T (Teacher system)

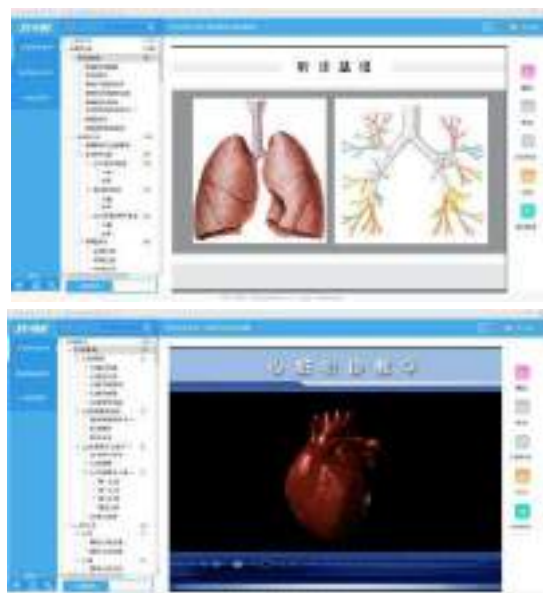
Item No.: JY/TCZ1100S (Student system)

Item No.: JY/TCZ1100S2 (Student system)

Item No.: JY/TCZ-1102

Item No.: JY/TCZ-1103

Features



1. Adopt an electronic stethoscope that can automatically identify the auscultation sites. Use the "non-contact landmark network" technology to completely cover each auscultation site and auscultation area. Through the identification and management of logic programs, intelligent auscultation is achieved and the electronic stethoscope is placed on the simulated human body. Any of the auscultation sites can hear their respective physical signs, like physical examination on real patients; more than 150 physiological and pathological signs of common cardiovascular examinations and more than 80 chest and lung examination signs are collected.
2. Cardiac auscultation: vividly reproduce nearly one hundred kinds of heart sounds. besides five common cardiac auscultatory valve areas, the system is equipped with "interior cardiac apex auscultation site", "lateral cardiac apex auscultation site", and "the fourth intercostal space on the left sternal border" auscultation site, available to hear pericardial friction, pericardial knock, etc.; with clinical breath sounds auscultation sites and "non-contact landmark network" technology, the system realizes auscultation of full lungs (including manikin's back), and all breath sounds in left anterior chest accompanied with corresponding heart sounds. A shock sensor is used to simulate diastolic fine tremor, systolic fine tremor and continuous fine tremor; newly added "apical beat" to simulate the "change in the apical position" of the organic heart disease, which deepens the description and understanding of the heart sounds production mechanism; besides simulation of mitral insufficiency and aortic stenosis murmur conduction auscultation, newly added "pulmonary artery stenosis murmur conduction", and murmurs become weak gradually with extension of conduction distance.
3. new "expanding listening and teaching demonstration" for teacher system.
4. whole team teaching demonstration & group teaching demonstration
5. real-time teaching demonstration.

Online Physical Diagnosis Skills Training System (Teacher system)

Item No.: JY/TCZ-10001T

Online Physical Diagnosis Skills Training System (Student system, one auscultation manikin and one abdominal palpation manikin)

Item No.: JY/TCZ-10001S

Online Physical Diagnosis Skills Training System (Student system, two auscultation manikins and one abdominal palpation manikin)

Item No.: JY/TCZ-10001S2

Physical Diagnosis Skills Training System (standalone, cardiopulmonary auscultation and palpation)

Item No.: JY/TCZ-10002

Physical Diagnosis Skills Training System (standalone, abdominal auscultation and palpation)

Item No.: JY/TCZ-10003

Features

1. Cardiopulmonary Auscultation Manikin

- 1) Replica of a standard adult male upper body, rotatable, easy to disassemble, guarantee and re-assemble.
- 2) The inner cavity is made from imported PVC material and formed by means of injection molding. The manikin adopts landmark technology, which more realistically represents the auscultation signs. Meanwhile, there're 4 sites to palpate tremble, and the sites can be smartly selected according to different clinical cases

2. Basic auscultation:

- 1) Heart: vividly represents nearly a hundred kinds of heart sounds auscultation, and heart sounds conduction auscultation and tremble palpation can be realized at relative positions.
- 2) Lungs: it's whole-lung auscultation and supports over 70 kinds of breath sounds auscultation. Explanation for pulmonary

JY/TCZ-10001.1 Breast palpation

JY/TCZ-10001.2 BP measurement



auscultation can be vividly demonstrate with the help of pictures and cartoons.

3. Differential auscultation:

- 1) Heart: summarize 11 kinds of triple rhythms, choose any two kinds from them for comparison, meanwhile compare with other easily-confused heart sounds. Two kinds of contrast heart sounds can respectively appear on the manikin to enhance learning effect.
- 2) Lungs: well chosen a dozen of breath sounds for differential diagnosis, and these two easily confused sounds can respectively appear at the left lung and right lung, which makes contrast more intuitional!

4. Abdominal palpation manikin

- 1) Replica of an adult female in supine position, made from imported PVC material and formed by means of injection molding, features high temperature resistance, low temperature resistance, non-deformation and good suppleness.
- 2) The belly shows slow abdominal respiration, it will rise up accompanied with inhalation, and it will sink accompanied with

exhalation. The viscera inferior to the diaphragm move up and down with breathing movement. The palpation sign changes every 30 seconds.

3) BP measurement: supports artery BP measurement training. The systolic pressure, diastolic pressure, pulse rate and auscultation intervals can be set freely, and the volume of Korotkoff's sound is adjustable.

4) Liver palpation: available palpation for normal liver, hepatomegaly in varying degree and livers of different texture.

5) Spleen palpation: available palpation for splenomegaly in varying degree, mild splenomegaly at right clinostatism, and the larger spleen at splenic notch.

6) Gall bladder palpation: supports palpation for normal gall bladder and cystic enlarged gall bladder. When gallbladder tenderness examines positive, the manikin will say "hurts"; when Murphy sign examines positive, the manikin will say "hurts" and suddenly hold her breath.

7) According to the anatomical and pathological physiological characters of abdominal viscera, design tens of kinds of common combined signs of liver, gall bladder and spleen.

8) common tenderness and rebound tenderness: tenderness palpation for gastric ulcer, duodenal ulcer, etc; rebound tenderness palpation for necrotizing pancreatitis and purulent appendicitis, etc. Manikin saying "hurts" indicates correct palpation.

9) Breast palpation: distinguish the size and sites of common benign tumor of the breast, malignant tumor, lymph follicle and lobular hyperplasia.

10) function of abdominal palpation: supports auscultation of normal bowel sounds, enhanced bowel sounds and vascular murmur of renal artery stenosis.

5. Cardiopulmonary multimedia teaching software

1) Applying multimedia technology, the software creates over 120 cartoons, over 30 copies of audio resources, over 130 heart sounds pictures, and a lot of anatomical pictures and ECG, and combines them effectively. Students can observe heartbeat and valve activity as a real patient in class, meanwhile, they can hear the heart sounds and breath sounds collecting from the clinics at the corresponding sites, which makes teach imbued with facticity and interest, and realizes synchronous teaching of teacher system and student system. It includes two parts: cardiopulmonary basic auscultation and differential auscultation.

2) Auscultation test and exercise: According to the requirements of syllabus, compile multimedia smart examinations and questions, and time and volume of the exam questions can be set freely. The manikin will make relative sign according to the exam question for student to have auscultation training and test, which features great self-learning and review.

6. Abdominal palpation multimedia teaching software

1) Applying multimedia technology, the software combines over 50 audio files and a large number of pictures and cartoons, realistically represents the anatomical characteristics of liver, spleen and gall bladder, vividly describes the key points of palpation mechanism, methods and skills to be mastered, common palpation mistakes and palpation contents and its clinical meanings. Common tenderness and rebound tenderness palpation and abdominal auscultation can be realized, and synchronous teaching of teacher system and student system can also be realized. Multimedia smart test question bank highlights the advanced teaching method of repeated practice and intensive training.

2) Random test and exercise: According to the requirements of syllabus, compile multimedia smart examinations and questions, and time and volume of the exam questions can be set freely. The manikin will make relative sign according to the exam question for student to have palpation training and test, which features great self-learning and review.

7. IC card management software

1) students info record and class management: easy to query score of a student in cardiopulmonary auscultation test, abdominal palpation test and comprehensive cardiopulmonary auscultation examination.

2) Introduce/export student info can test scores, and print the answer sheet.

8. ECG teaching and training software

1) Based on the syllabus of 《diagnostics edited by People's Medical Publishing House and with the application of multimedia technology, combine multiple synchronized animation and over 30 ECG pictures, and combine theoretical knowledge and practice tactfully.

2) Includes ECG teaching, ECG recognition and ECG edit; On view of basic ECG knowledge, make specific analysis and explanation for ECG measurement, normal data and abnormal ECG.



Advanced Cardiopulmonary and Abdominal Examination Teaching System

Item No.: JY/TCZ-1000T (Teacher's software)、 JY/TCZ-1000S (Student's software)

Features



1. Auscultation and Palpation Manikin

1) Replica of a standard adult female torso in supine position, with soft belly, elastic skin and accurate anatomical structures such as Lower costochondral margin, xiphoid process, superior abdominal horn, rectus abdominis, umbilicus, anterior superior iliac spine and pubic area, etc.

2) Provides a typical physical examination of 80 heart patients and 60 lung patients with comprehensive signs; Place the electronic stethoscope on any auscultation site of the manikin, there'll be corresponding signs, just like a physical examination of a real patient.

3) Auscultation by electronic stethoscope and adopting USB sound card can make auscultation effect increased by 50%, which greatly improves the auscultation effect of heart sound and breath sound, and enhances the stability and durability; besides five conventional valve auscultation areas, the site "the fourth intercostal auscultation site at the left margin of the sternum" should be provided for cardiac auscultation. The auscultation sites of respiratory sounds is consistent with those in clinic. Full lung auscultation in the front chest can be realized through "non-contact landmark network" technology, and the auscultation of respiratory sounds in the left front chest is accompanied by corresponding heart sounds.

4) Cardiac auscultation:

4.1) Vividly reproduces nearly 100 kinds of heart sounds auscultation, besides five conventional valve auscultation areas, the site "the fourth intercostal auscultation site at the left margin of the sternum" should be provided for cardiac auscultation, and sounds such as pericardial friction sound and pericardial percussion sound can be heard; the auscultation sites of respiratory sounds is consistent with those in clinic. Full lung auscultation in the front chest can be realized through "non-contact landmark network" technology, and the auscultation of respiratory sounds in the left front chest is accompanied by corresponding heart sounds.

Artificial valvular sounds and artificial paced sounds are newly added for auscultation of abnormal heart sounds caused by placement of artificial devices.

4.2) Besides the auscultation that simulates mitral insufficiency and aortic stenosis murmur conduction, auscultation of pulmonary stenosis murmur conduction is newly added. With the extension of conduction distance, the intensity of noise decreases gradually.

4.3) Cardiac differential auscultation: summarize 11 kinds of triple rhythms, choose any two kinds from them for comparison, meanwhile compare with other easily-confused heart sounds. Two kinds of contrast heart sounds can respectively appear on the manikin to enhance learning effect.

4.4) Lung auscultation: All kinds of auscultation sites such as where normal breath sounds, abnormal breath sounds, wet and dry rales and pleural friction sounds locate are in consistent with those in real patient. The manikin supports over 70

kinds of breath sounds auscultation. Explain lung auscultation with vivid pictures and animation.

4.5) Lung differential auscultation: well chosen a dozen of breath sounds for differential diagnosis, and these two easily confused sounds can respectively appear at the left lung and right lung, which makes contrast more intuitional!

5) Teacher's main control computer adds the function of audio amplifying demonstration, cardiopulmonary auscultation can be done at each auscultation site of the electronic standard patient, and the heart sounds and breath sounds can be directly expanded output for the students to have simultaneous auscultation, which makes teachers easy to demonstrate and illustrate.

6) Abdominal examination teaching system not only includes simple abdominal palpation teaching content, but also includes the syllabus of diagnostics. It includes all the contents of abdominal examination, such as theory teaching of abdominal body surface signs and partitions, abdominal visual diagnosis, palpation, percussion and auscultation, etc.

7) Simulates 43 kinds of abdominal examination signs; and truly imitates the movement of the liver, gallbladder and spleen under the diaphragm during abdominal breathing and abdominal breathing, and simulates real patients, which allows students to have repeated palpation training.

8) Liver palpation: available palpation for hepatomegaly in varying degree and livers of different texture.

9) Spleen palpation: available palpation for splenomegaly in varying degree, and splenic notch can be palpated for the larger spleen.

10) Gall bladder palpation: swollen gallbladder with tenderness, swollen gallbladder without tenderness, Murphy's sign positive test, difference of simple gallbladder tenderness and Murphy's sign positive test.

11) Abdominal diseases with ten kinds of tenderness, rebound pain signs, for students physical examination training.

12) with various abdominal vascular murmur and bowel sound auscultation signs.

13) BP measurement: supports artery BP measurement training. Systolic pressure, diastolic pressure, pulse rate and auscultation interval can be set arbitrarily, and the volume of Korotkoff sound can be adjusted.

2. Online interactive teaching main control platform

1) Laboratory local area network structure, divided into teacher control machine and student experiment machine, with network teaching and assessment functions. Whole teaching: teacher master computer can edit teaching content, cases, test questions, real-time transmission to all students; Real-time teaching: the master computer of the teacher can relay all the teaching content to all the students in real time for teaching.

2) Teaching Software

2.1) The system software should adopt the mixed architecture of C/S and B/S. Teachers log in the backstage through the browser, and realize the management of questions editing, student info input, examination management, etc. Software in Teacher version/student version can be used for cardiopulmonary sound courseware teaching, simulation of cardiopulmonary sound auscultation and examination, etc.

2.2) Create a timetable: Teachers can create a schedule sorted by date. Individual course items include a list of medical exam courseware, auscultation of case sounds, and organizational unit tests or assessments. Supports list and chart display. The teaching software only displays the content set by the course after importing the course project.

2.3) Create a new question bank: the question types in the question bank include theoretical questions (single and multiple choice questions, T/F questions, etc.), skills operation questions (choice questions of heart sounds auscultation, lung sounds auscultation, ECG recognition, etc.).

2.4) Comprehensive and practical: online multimedia chest examination teaching system has cardiopulmonary auscultation skills training content, and it's completely in accordance with the new version of diagnostics teaching syllabus, including all the content of chest examination. Cardiopulmonary auscultation skills training and assessment can realize theory examination and skills assessment, question bank and automatically grading papers, score statistics and printing, etc.

2.5) Unique style of the new animation: video images not only include animation, but also electrocardiogram, cardiogram, echocardiogram, color Doppler, etc. The image templates come with instructional pictures of cardiopulmonary auscultation sites, and CT, X-ray and related anatomical, physiological and pathological pictures can be found in some cases.

3. ECG teaching: Includes ECG teaching, recognition and editing, detailed analysis and explanation of basic ECG knowledge, ECG measurement, normal data and abnormal ECG.

4. Differential auscultation skills training: This system, controlled by the computer programming, represents hundreds of typical patient cardiopulmonary auscultation signs on the relative sites of the manikin. Vividly simulates pleural friction sounds, heart sounds, arrhythmias, heart murmurs, and so on for students repeated learning. A variety of cardiopulmonary signs and sounds with small differences in auscultation signs and confusion were selected for comparison, and with help of words, charts and skills training, students can quickly grasp the key points of identification.

5. Theory examination: This system consists of the theory examination question bank and cardiopulmonary skills question bank, teachers can also modify or edit the question bank. According to the teaching demands, freely group questions through advanced technology and automatically generates test papers. According to the requirements of skill examination papers, automatically call for the physical signs of cardiopulmonary auscultation and assess the grades, and the grades of the whole class can be automatically summarized and printed.

ECG Manikin (online)

Item No.: JY/XDT-1001

ECG Manikin (standalone)

Item No.: JY/XDT-101

Features

1. The manikins features flexible and elastic skin with marks of the auscultatory site, anti-aging, sturdiness and durability.
2. Controlled by micro-computer; a variety of normal and abnormal ECG signals are stored in the manikin; each ECG signal is showed by the analog-to-digital code.
3. Connect with the common ECG or ECG monitor when using, and connect the lead wire of the ECG machine to the relevant parts of limbs and chest respectively
4. For teaching practice and assessment, operate the code button on the manikin panel and input the ECG code according to your need, then ECG waveform will be automatically described via the ECG machine and monitor
5. Realistic waveform and adjustable heart rate



Auscultation Manikin

Item No.: JY/TCZ001

Features

1. Half-body male manikin
2. Rotatable, convenient to maintenance and delivery
3. Resonance cavity structure principle makes cardiopulmonary sound fully save and keep tone
4. Over 80 kinds of Hi-fi auscultatory sounds



Abdominal Palpation Manikin

Item No.: JY/TCZ002

Features

1. Elective palpation positions and experience of different symptoms
2. Palpation: liver palpation, spleen palpation, gallbladder palpation and syntheses palpation, frequent disease tenderness and rebound tenderness.



Advanced Blood Pressure Arm

Item No.: JY/H-1012

Features

1. This model is a simulated right hand. It has remarkable exterior features and precise anatomical structure. Arterial blood pressure measurement training can be run on this simulator.
2. It provides the sound of Korokoff Gap.
3. The contraction pressure and diastolic pressure can be set individually before practice.
4. The numerical value of the contraction pressure and the diastolic pressure can be set in any value.
5. Pressure value is indicated by mm Hg.
6. The setting precision can be as low as 1 mm Hg.
7. Audio volume is adjustable.
8. A monitor is used in practice.

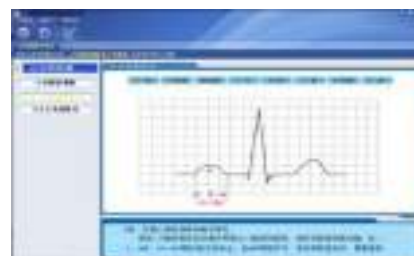


ECG Simulated Teaching System

Item No.: JY/XDT-100

Features

1. Pure software product, ECG materials and assessment mode are equivalent to product XDT-1001.
2. ECG materials: It contains the principle analysis of ECG, basic theory introduction of ECG, exercises, examination questions, etc. Each ECG has an automatic measurement scale, which can train students' ability to analyze ECG independently;
3. Assessment mode: teacher system and student system. Through teacher's software, users can do theoretical study, test paper editing and assessment organization; students can take networked exams with students system.



Cardiopulmonary Auscultation Training Vest

Item No.: JY/XD-1

Features

1. Collects most common clinical normal and pathological heart sounds and breath sounds;
2. Wearable design
3. Teacher can choose different heart and lung sounds at random for students' diagnosis
4. Multiple auscultation sites for heart sounds and lung sounds are built in the front chest, back and midaxillary line, etc.
5. Choose different sounds via remote control for auscultation exercise.



Combined Cardiopulmonary Auscultation Unit

(single person)

Item No.: JY/TZY-1A

Features:

- Contains normal and abnormal heart sounds, breath sounds, bowel sounds and vascular murmurs of adult, child, infant and neonate, over 20 kinds per age group.

JY/TZY-1B supports 20 persons' auscultation at any sites simultaneously**Adult Cardiopulmonary Auscultation Unit**

(single person)

Item No.: JY/TZY-100A

Features:

- Contains normal and abnormal heart sounds, breath sounds, bowel sounds and vascular murmurs of adult
- Work together with electronic stethoscope.

JY/TZY-100B supports 20 persons' auscultation at any sites simultaneously**Child Cardiopulmonary Auscultation Unit**

(single person)

Item No.: JY/TZY-200A

Features:

- Contains normal and abnormal heart sounds, breath sounds, bowel sounds and vascular murmurs of child.
- Work together with electronic stethoscope.

JY/TZY-200B supports 20 persons' auscultation at any sites simultaneously

Infant Cardiopulmonary Auscultation Unit (single person)

Item No.: JY/TZY-300A

Features

- Contains normal and abnormal heart sounds, breath sounds, bowel sounds and vascular murmurs of infant.
- Work together with electronic stethoscope.

JY/TZY-300B supports 20 persons' auscultation at any sites simultaneously



Neonatal Cardiopulmonary Auscultation Unit (single person)

Item No.: JY/TZY-400A

Features

- Contains normal and abnormal heart sounds, breath sounds, bowel sounds and vascular murmurs of neonates.
- Work together with electronic stethoscope.

JY/TZY-400B supports 20 persons' auscultation at any sites simultaneously



Child Auscultation Manikin

Item No.: JY/TZ200

Infant Auscultation Manikin

Item No.: JY/TZ300

Neonatal Auscultation Manikin

Item No.: JY/TZ400

Features

- Normal and abnormal heart sounds, breath sounds, bowel sounds and vascular murmurs can be auscultated on each manikin.
- Work together with electronic stethoscope.





Ear Irrigation Simulator

Item No.: JY/L-W01

Features

1. Represents the standard body position for ear irrigation;
2. Comes with accurate ear anatomy, internal specific structure can be observed by otoscope, such as auditory meatus, tympanic membrane, etc.
3. Practice ear irrigation with this model in case of any hurt to real patients.



Ear Diagnostic Simulator

Item No.: JY/L-W02

Features

Standard body position of the ear, push/pull lesion to select lesions.

1. Total 12 kinds of normal or diseased ear drum:
 - 1) Acute otitis media
 - 2) Acute otitis media without obvious signs
 - 3) Abnormal secretion of middle ear
 - 4) Tympanosclerosis
 - 5) Myringotomy
 - 6) Ear wax (a little big)
 - 7) Acute middle ear infection
 - 8) Otitis media (case 1)
 - 9) Otitis media (case 2)
 - 10) Effusion of posterior ear drum
 - 11) Perforation of ear drum
 - 12) Normal tympanic membrane

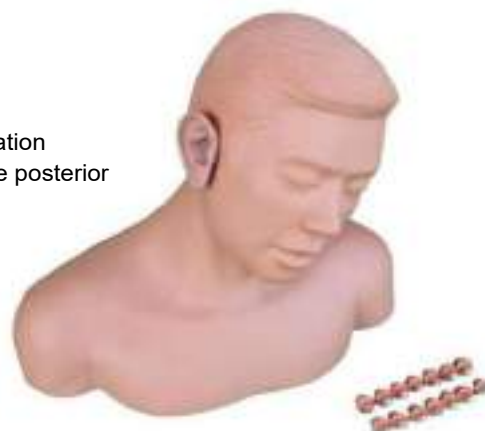


Ear Inspection Simulator

Item No.: JY/L-W03

Features

1. Simulation of right ear, standard intra-aural examination site
2. Accurate anatomical structure of auricle, external auditory canal, tympanic membrane;
3. Ear lesion examination via otoscope;
4. Provide 24 kinds of ear lesion components for convenient replacing;
5. Including:
 - 1) Normal tympanic membrane
 - 2) Retracted tympanic membrane
 - 3) Small tympanic membrane perforation
 - 4) Whole tympanic membrane perforation
 - 5) Traumatic perforation of tympanic membrane
 - 6) Dry central perforation of the posterior
 - 7) Myringotomy with insertion of tube
 - 8) Bullous myringitis
 - 9) Herpes blisters on the tympanic membrane
 - 10) Eardrum Tympanosclerosis
 - 11) Tympanosclerosis crescentic sclerosis plaques
 - 12) Serous otitis media effusion
 - 13) Congestive early acute otitis media
 - 14) Acute otitis media
 - 15) Purulent otitis media
 - 16) Chronic suppurative otitis media
 - 17) Pearl-tumor
 - 18) Foreign body in ear
 - 19) Ear washing and drops
6. Earwax clean-up operation practice
7. Ear lesions component easy to replace.



JY/L-W03.1 Lesion module: 16pcs

JY/L-W03.2 Lesion module: 25pcs

JY/L-W03.3 Lesion module: 35pcs

Electronic Ear Inspection Simulator

Item No.: JY/L-W04

Features

1. Accurate anatomical structure such as auricle, external auditory canal, eardrum, etc.
2. Inspect ear lesions with otoscope.
3. Allow to practice in cleaning the earwax.
4. Comes with over 14 negative films of ear lesions, no need to replace all the ear module, easy to operate.



Ocular Inspection Model of Retinopathy

Item No.: JY/L-W05

Features

Replacement of different eyeground diseases, slide simulates common clinical oculopathy, including:

1. Normal retina
2. Age-related retina macular degeneration/colloid Bodies
3. Central retinal vein occlusion
4. Hypertensive retinopathy
5. Papilledema
6. Excavation of optic disc
7. Optic atrophy
8. Mild background diabetic retinopathy
9. Background (pure) diabetic retinopathy
10. Proliferative diabetic retinopathy
11. Proliferative diabetic retinopathy 2
12. Hypertrophic diabetic retinopathy
13. Diabetic retinopathy

Basic configuration:

1. Realistic affection, easy to replace and operate;
2. In favor of repeated contrast observation;
3. Provides 13 kinds of retinopathy accessories;



Electronic Retina Inspection Simulator

Item No.: JY/L-W06

Features

1. Replica of an adult head and neck, with delicate five sense organs and standard position for fundus examination.
2. Supports retina and various common fundus lesions examination
3. Simulates clinical eyes by auto-changing slides of different fundus lesions





Electronic Throat Examination Simulator

Item No.: JY/L-W08

Features

1. Model for adult upper body, standard test position with mouth open.
2. Soft tongue, can pull it out for facilitate inspection.
3. Oral epiglottis can be seen 2 cm size of the cancer module, can use the spatula to view the lesion location and traits.
4. You can use the spatula to view the lesion location and traits.
5. When the operation is correct, external electronic box can prompt.



Vocal Cord Tumor Examination Simulator

Item No.: JY/L-W09

Features

1. Model for adult upper body, standard check position, open mouth.
2. Vocal cord tumor operation

Vocal Nodules Examination Simulator

Item No.: JY/L-W10

Features

1. Model for adult upper body, standard check position, open mouth.
2. Vocal nodules can be checked for operation.



Vocal Cord Polyp Examination Simulator

Item No.: JY/L-W11

Features

1. Model for adult upper body, standard check position, open mouth.
2. Vocal cord polyp examination.

Lacrimal Irrigation Simulator

Item No.: JY/L-W12

Features

1. Replica of the upper body of an adult male, simulates normal lacrimal irrigation process.
 2. Comes with soft skin and realistic tissue tension and elasticity.
 3. Correct sitting body position.
- Comes with anatomical structure of normal lacrimal passage, including two lacrimal ducts and bilateral nasolacrimal ducts; each lacrimal ductule varies with the actual needle insertion angles.
4. Liquids can flow out of the nasal cavity or oral cavity after correct irrigation.
 5. Add simulative fester into simulative lacrimal ductule according to requirements of training and assessment to have irrigation training for obstructed lacrimal passage.



Nasal Cavity Bleeding Simulator

Item No.: JY/L-B22

Features

1. Replica of the upper body of adult male, in sitting position, with accurate anatomical structure including superior nasal concha, middle nasal concha, inferior nasal concha and maxillary sinus, etc.
2. Available two modes for choice: maxillary sinus and epistaxis.
3. Built-in photosensitive sensor for rhinoscopy, and electronic box will give prompts for proper operation.
4. Supports maxillary sinus tenderness examination, and electronic box will give prompts for proper operation.
5. Simulative blood can be injected into the model, and it will stop bleeding after proper operation and electronic box will give relevant prompts.



Surgical Suture Arm

Item No.: JY/L-B25

Features

1. With features of lifelike shape and realistic touch, the model suitable for cutting, suturing and bandaging exercise.
2. With wonderful elasticity and flexibility of skin, each model can be used for hundreds of times.



Surgical Suture Leg

Item No.: JY/L-B26

Features

1. It can be simulate basic surgical skills such as cutting, suturing, bandaging and etc.
2. With wonderful elasticity and flexibility of skin, each model can be used for hundreds of times.



Tenorrhaphy Model

Item No.: JY/L-B27

Features

1. Layered flexor tendon, can buckling any angle.
2. Made from polymer material, environmental protection and no pollution, high-emulation.
3. Equip skid proof pedestal.
4. Support layered suture flexor tendon, tendon edge repaired and hypodermic needle tendon suture, etc.





Wound Hemostasis & Suture Module

Item No.: JY/L-B28

Features

1. Comes with realistic skin tissue tension
2. Six holes bleeding at the same time to simulate emergency ligation
3. Supports repeated practice



Vasculature Operation Simulator

Item No.: JY/L-B29

Features

1. Provide vein and artery blood vessels of different inner diameters to know different suture distance, tension/technique among main artery, vein and arteriole.
2. High emulation and strongly elastic vessels
3. Equipped with vessel fixator, easy to operate.
4. Supports repeated practice.



Debridement Suture Head Training Simulator

Item No.: JY/L-B30

Features

1. Complete head model, realistic shape, soft skin.
2. Skin layer clear, precise structure, the operation feel real, can be repeated suture practice.
3. The model can touch the skull fracture, bilateral transverse maxillary fracture, I & III, nasal fracture, bilateral mandibular fracture, C-6 vertebral fracture, hemotympanum, deviated trachea, pupil teaching demonstration
4. The model provides a surgical incision for teaching.



Ophthalmic Suture Simulator

Item No.: JY/L-B30A

Features

1. Made of imported PVC plastic material by mold casting process, durable.
2. Lifelike appearance and rational structure.
3. Supports routine local cleansing and disinfection, wound suture operation after debridement (suture instruments prepared by user-self).
4. Helps to improve the ophthalmic suture skills and reduce the complications of surgery.



Rectal Touch Examination Simulator

Item No.: JY/L-1023A

Features

1. Replica of an adult buttocks with realistic appearance;
2. Made from high polymer material, environmental protection, and high simulation
3. Rectal examination body position: left lateral position
4. 13 kinds of intestines problem and 9 kinds simulative faeces for recognition
5. The simulative faeces can be easily put into its fixator, which makes it convenient for training and assessment



Rectal Touch Examination Simulator

Item No.: JY/L-1023B

Features

Digital rectal examination is the most necessary and simple examination method for BPH and rectal neoplasms. The model features clear anatomy structure of anus, rectum and prostate, vivid appearance, realistic touch feeling, easy replacement of prostate and rectum connection parts.

1. Prostate palpation:

- 1) Normal prostate: chestnuts size, can touch sulcus of prostate;
- 2) BPH: I degree of hyperplasia, egg size, shallow of sulcus of prostate;
- 3) BPH: II degree of prostatic hyperplasia, duck egg size, absent of sulcus of prostate;
- 4) BPH: III degree of prostatic hyperplasia, severe prostatic enlargement, regular surface and hard texture, goose' egg size, cannot touch the bottom of the prostate;

2. Rectum palpation:

- 1) Normal rectum
- 2) Rectum polyps: Most is solitary, with peduncular polyp;
- 3) Early rectum cancer: Palpable of tumor nodules on rectal wall surface, hard texture;
- 4) Advanced rectum cancer: Little big tumor nodules are palpable on rectal wall surface, with uneven surface, hard texture, the late development stage of rectum cancer





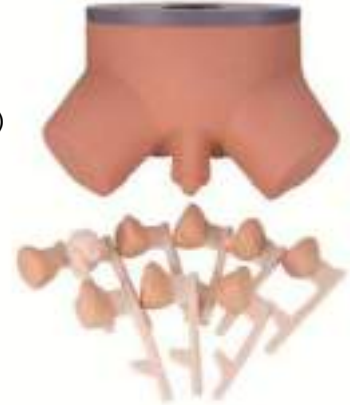
Prostate Examination Simulator

Item No.: JY/L-1024

Features

Basing on different degrees of prostate carcinoma, we design four interchangeable prostates:

1. Benign, slightly enlarged, but normal prostate gland simulates benign stage.
2. Prostate with two discreet, hard nodules (one is at left lobe; the other is at right lobe) simulate beginning stage.
3. Prostate with easily palpable large mass simulation intermediate stage. The small nodule has increased in size and has become an external hard mass on the surface of the gland.
4. Prostate with malignant invasive cancer simulation terminal stage. This gland is totally replaced with carcinoma. The entire gland will feel hard and irregular



Varicose Vein Simulator

Item No.: JY/L-1027

Features

1. Replica of an adult lower limb with obvious anatomical marks, including groin, complete thigh, shank and foot.
2. Made from high polymer material, environmental protection and high simulation.
3. Manually squeeze the bulb to simulate femoral artery pulse.
4. Supports great saphenous vein and calf vein group resection, great saphenous vein is very obvious, easy to ascertain during operation.
5. Supports incision suture training.
6. Available repeated exercise.
7. The skin and vessels are replaceable.



Surgical Suture & Bandage Simulator

Item No.: JY/L-1028

Features

1. Replica of an adult torso, 20 kinds of surgical incision available for recognition, including thyroidectomy, sternotomy (catheter drainage); mastectomy; pneumothorax catheter drainage; body odor surgery, breast abscess incision, femoral artery puncture incisions, cholecystectomy (catheter drainage), exploratory laparotomy, abdominohysterectomy, appendectomy, colostomy, ileostomy, bladder colostomy surgery, inguinal hernia, nephrectomy, laminotomy, phase II pressure ulcers, amputation, thoracotomy;
2. Used with real skin stapler to make suture for some incisions, easy for teaching demonstration.



Cricothyroid Membrane Puncture and Cut Simulator

Item No.: JY/L-1029

Features

1. Trachea anatomy is standard; trachea is touchable.
2. Simulate dorsal position and neck extending
3. Percutaneous tracheostomy, including various incision: longitudinal incision, transverse incision, crisscross incision, U shape and inverted-U shape incision
4. Cricothyrotomy endotracheal intubation



Preoperative Aseptic Technique Simulator

Item No.: JY/L-1030

Features

1. Replica of an adult torso with lifelike texture, obvious landmarks and vivid appearance.
2. Supports disinfection and operating drape methods.



Advanced Low-set Bandaging Simulator

Item No.: JY/L-1031A

Features

1. Simulate leg amputation patients, right leg cut off below the knee, left leg cut off in the middle of the thigh;
2. Convenient and reasonable model design, bandages can bypass the buttocks and wrap to the ridge level of the iliac;
3. Circular bandage, spiral bandage, Serpiginous bandage, figure of Eight bandage;
4. Demonstrate the fixing method of the two broken end after wrapping the bandage;





Advanced Up-set Bandaging Simulator

Item No.: JY/L-1031B

Features

1. Simulate head and neck, chest and upper limb amputation patient, right arm cut off from the wrist, left hand cut off from the elbow;
2. Provide many kinds of bandaging method: circular bandage, spiral bandage, serpiginous bandage, capeline bandage, masklike bandage, monocular bandage;
3. Demonstrate the fixing method of the two broken end after wrapping the bandage; Keep arms a little external rotation to facilitate the bandaging.



STD Test Simulator

Item No.: JY/L-1033

Features

1. Replica of an adult lower torso with realistic penis and touch feeling;
2. Made from high polymer material, environmental protection, high simulation;
3. There's a beansize excrescences at coronary sulcus, can be used for lesion dignosis;
4. Squeeze the red and swollen urethral orifice, there will be purulent secretion overflow, which can be used for smear exercise.



Male Genital Lesions Simulator

Item No.: JY/L-1033B

Features

1. Replica of an adult lower torso with realistic penis and touch feeling;
2. Includes 8 lesions, phimosis, varicocele, paraphimosis, hydrocele, testicular cancer, adenocarcinoma of the testis, oblique, inguinal hernia, cancer of the penis.

Advanced Trochar Training Model

Item No.: JY/L-B1

Features

1. Be used for insertion and puncture exercise of abdominal wall trochar;
2. Obvious anatomical layer, elastic skin and realistic touch feeling; realistic resistance feeling can be felt as needle penetrates into the skin, and characteristic of "pop" can be felt when needle has been penetrated into the skin;
3. Observe the whole insertion process of trochar through the transparent base;
4. Insertion with various types of trochar.



Surgical Skills Training Model

Item No.: JY/L-B3

Features

The model can provides trainings of incision, suturing and ligaturing of skin, blood vessel, intestinal canal and deep tissue.

1. Skin modules: surgical incision, suture, knotting, trimming and taking out stitches.
2. Intestinal canal modules: two types (20mm & 30mm) to practice forceps holder, incision, anastomosis, knotting and trimming.
3. Blood vessel module: practice forceps holder, cutting and ligation.
4. Deep knotting module: practice deep knotting skills in narrow and small space.
5. With small volume, portable and the modules are reemplaceable.



Abdominal Cutting and Suturing Simulator

Item No.: JY/L-B2

Features

1. Abdominal cutting and suturing training
2. Abdominal wall anatomy: skin, subcutaneous tissue, abdominal muscle and peritoneal membrane.
3. Inflate the balloon in peritoneal cavity and the abdominal wall will be under tension. The aim for the trainee is to enter the peritoneal cavity and close it again without bursting the balloon (damaging the intestines).



Advanced Vein Incision Simulator

Item No.: JY/L-B4

Features

1. The product is constructed with skin and subcutaneous tissue, with clear layer, realistic tissue tension and elasticity.
2. It can perform skin incision, angiodyastasis, knotting, ligation, stop bleeding, trimming, suture, taking out stitches, etc.
3. Each model comes with coarse and fine blood vessels for repeated angiodyastasis, ligation and stop bleeding practice.
4. Each module can be replaced after damaged. It is the best practice ways for beginners to improve surgical suturing skills.





Comprehension Surgical Skill Training Kit

Item No.: JY/L-B5

Features

1. 10 suture training modules;
2. 5 intestine modules of 30mm and 20mm diameter;
3. 10 blood vessel modules;
4. 1 set of surgical knotting skill training model;
5. 1 set of adult surgical suture leg models;
6. 1 adult surgical suture arm model;
7. 2 sets of suturing instruments;
8. 2 sets of scalpels (pieces) and sutures;



Suture Training Pad (with stand)

Item No.: JY/L-B6

Item No.: JY/L-B7

Features

It can be simulate basic surgical skills such as cutting, suturing, bandaging and etc.

JY/L-B7 Multi-funtional Cutting & Suturing Pad

Suturing training for kinds of trauma shapes and position



Item No.: JY/L-B6



Item No.: JY/L-B7

Skin and Muscle Suture Practice Pad

Item No.: JY/L-B8

Item No.: JY/L-B8S (with stand)

Features

1. The practice of cutting, suturing, and removing the basic skills of surgery can be performed.
2. The first layer of the product is a skin layer with a thickness of 2mm; the second layer is a fat layer. Thickness is 8mm; The third layer is muscle layer, thickness is 10mm, Cut practice muscle suturing and skin suturing.



Suture Training Kit

Item No.: JY/L-B9

Features

1. This kit consists of suture instrument, scalpel, suture needles, suture modules and instruction disc. With wonderful elasticity and flexibility of skin, each module can be used for hundred times.



Local Anesthesia Training Kit

Item No.: JY/L-B10

Features

1. Provide a skin anesthesia training piece and a ring infiltration anesthesia training piece.

JY/L-B10.1 Circular local infiltration anesthesia training module

JY/L-B10.2 Skin infiltration and anesthesia training module



Minor Operation Kit

Item No.: JY/L-B11

Features

1. Provide three skin modules: sebaceous cystectomy exercise module, lipomarectomy exercise module, epidermis common disease treatment training module.

2. Each module contains three lesion models: skin ridge, skin bleb, and seborrheic keratosis. Can carry skins excision, excision of the skin, sebaceous keratoderma and other basic techniques.

3. Including sebaceous gland resection module, lipoma resection pad, common skin and diseases training pad.



JY/L-B11.1 Sebaceous cystectomy exercise module

JY/L-B11.2 Liposectomy practice module

JY/L-B11.3 Epidermis Common Lesion Treatment Training Module



Sebaceous Cyst Excision Training Pad

Item No.: JY/L-B12

Features

1. Used for training, sebaceous cyst resection to local anesthesia, inject anesthetic removal process must be back to the suction action, prevent the anesthetic injection anesthetic poisoning caused by vessels, and even death.



Nails Extracting Training Kit

Item No.: JY/L-B13

Features

1. One stand and three finger tips is provided. The finger tips can be replaced.

JY/L-B13.1 Nail Extracting Training Module



Intestinal Anastomosis Module

Item No.: JY/L-B14

Features

1. Two types: 30mm and 20mm diameter.
2. With serous layer and mucous layer, the intestinal canal can be used to exercise all kinds of anastomosis.

JY/L-B14.1	30MM Diameter
JY/L-B14.2	20MM Diameter



Surgical Knotting Skill Training Module

Item No.: JY/L-B15

Features

1. The model is made of transparent plexiglass material and can be taught and observed. Evaluate self-operation ability.
2. Ingenious design uses a unique magnetic system to simulate tissue tension, parallel elasticity The cable simulates a blood vessel. Three types of cylinders make up a variety of knotting spaces. The deep structure performs various operations and deep knot training. It is flexible and easy to disassemble.
3. One-handed knotting, instrument knotting, surgical knotting, triple knotting and knotting can be practiced Identification of fake knots. Practice small space knots, large vertical space knots, large tilt empty Ties and trimming, clamping, cutting and ligation of blood vessels.
4. Simulated blood vessels can be replaced.



Multifunction Electronic Knotting Training Module

Item No.: JY/L-B16

Features

1. Unique knotting training design, made from transparent materials, and three different types of cylinders constitute various knotting training space;
2. The simulative vessel can be filled with simulative blood and it's easy to make replacement.
3. Alarm warning system will be triggered for overexertion, and it supports unstressing knotting training.
4. Special groove design, portable and easy for installment and replacement.
5. Supports repeated practice.



New Knotting Skill Training Module

Item No.: JY/L-B17

Features

1. Can practice various types such as single tie knot, square knot, triple or multiple knot knot, surgical knot and identify false junction, slip knot.
2. Three different cylinder models can simulate a variety of environments, such as tie-abdominal, pelvic deep knot, a large incision deep angled tie, tie a surgical incision and the like.
3. Simulated blood vessels elastic, strong sense of reality, but also exercises vessel ligation, cut lines.



Electronic Deep Knotting Module

Item No.: JY/L-B18

Features

1. Unique knotting training design, made from transparent materials, and two different types of cylinders constitute various knotting training spaces.
2. Unique tension system to imitate different tissue tension, and equipped with warning system.
3. The simulated blood vessel filled with simulative blood is of high resilience, and strong sense of reality while operation and it is easy for replacement.
4. Allow to simulate multiple knotting conditions and practice different knotting methods.





Vascular Ligation Module

Item No.: JY/L-B19

Features

1. Made of transparent material, which allows the trainer to observe and evaluate the operation ability.
2. Flexible blood vessels with a strong sense of reality during operation and easy replacement.
3. Kicking methods that can be practiced: one-hand knotting, two-hand knotting, and device mechanical knotting.
4. Types of knots that can be practiced: single knots, square knots, triple knots, or multiple knots, surgical knots and identifying false knots, slip knots.
5. Simulates a variety of knotting environment.
6. Trimming, clamping, cutting and branching of blood vessels can be performed.



Superficial Knotting Skill Training Module

Item No.: JY/L-B20

Features

1. The module is economical and durable, and repeated practice can improve students' operating skills.
2. Superficial knotting training and assessment can be performed when the operator mistakes superficial knotting; At the time, the referee can judge objectively and correctly.



Isolated Vascular Ligation Module

Item No.: JY/L-B21

Features

1. The product is durable, the skin module is clear and has a true tissue tension.
2. Supports practice different types of knotting methods



Surface Bleeding Ligation Training Module

Item No.: JY/L-B23

Features

1. The model has skin and subcutaneous tissue, hierarchical clarity, real tissue tension and elasticity.
2. Can carry surgical skin incision, vascular separation, tie, ligation, hemostasis, shear line, suture, take out stitches surgical training.
3. The model has two vessels, can repeated separation, ligation and hemostasis, module can be replaced after waste.



Breast Examination Simulator

Item No.: JY/F-0018

Features

1. Naturally realistic female breast model. Breast examinations can be conducted and assessed.
2. Dress-style structural design, better self-examination breast training.
3. Various common breast tumors are embedded in various parts of the breast.



Inspection and Palpation of Breast Simulator

Item No.: JY/F-0019

Features

1. Can be used to exercise mammary tumors palpation skill.
2. In order to facilitate training process, we implant benign tumors and malignant tumors into the mammary gland.
3. Basing on various position, size, texture, the students can identify the tumor is benign or malignant

JY/F-0019U= JY/F-0019 + Milk Spilling



Electronic Inspection and Palpation of Breast Simulator

Item No.: JY/F-0019D

Features

1. Contains the typical signs of various common breast tumors
2. Designed for bed diagnosis and self-examination.
3. Made of imported plastic materials, soft texture and real touch.
4. The model provides the following lesions:
 - Nodules: The texture is hard and the surface is not smooth and can be considered as a malignant tumor.
 - The texture is relatively soft and the surface is smooth and can be considered as a benign tumor.
 - Lymphatic metastases: Lymph nodes with hard texture can be touched in the armpits and neck.
 - Changes in nipples: rupture of nipples and spillage of bloody fluids.
5. There's voice alarm if the corresponding part is touched.

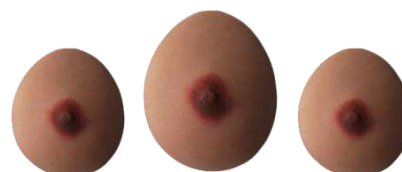


Breast Examination Model

Item No.: JY/F-0020C

Features

1. Consists of 3 breast models at different sizes, with high simulation, soft skin and realistic touch feeling.
2. Can be used for breast examination.



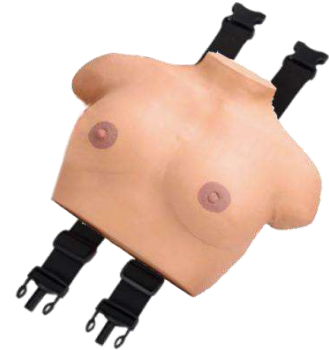


Breast Examination Simulator

Item No.: JY/F-0020

Features

1. Simulate a female upper body with moderate-size breast.
2. Can be tiled on the desktop to demonstrate teaching; and worn in front of breast for self-examination with help of the belts.
3. Breast tumor and typical features: 1) Hyperplasia of mammary glands; 2) Slick fringe of the benign tumor and movable; 3) Lots of different size and hardness malignant tumor in mammary glands; 4) Metastasis of malignant tumor and lymph, intumescence and accretion of absorbent gland in left arm pit and clavicle; 5) Sagging breasts; 6) Tangerine pericarp-like changes of skin; 7) Suffusion of one side mamilla;



NSV Model

Item No.: JY/F-JZ

Features

1. Simulate an adult male genital structure realistically.
2. Mainly for training vasectomy operation design.



Circumcision Model

Item No.: JY/F-PR

Features

1. Simulate an adult male's vulva;
2. Help students to make resection for overlong prepuce, i.e., make a straight cut at the back of the penis, and crosswise cut a circle of redundant prepuce.
3. With spare parts for replacement, the model can be used repeatedly;
4. Comes with simple surgical instruments for training use.



Deep Vessel Ligation Module

Item No.: JY/L-B31

Features

1. Simple design, durable.
2. Available practice of deep vascular ligation skills.
3. Unique knotting training design with 10 bleeding vessels to simulate real bleeding condition.
4. Equipped with multiple bleeding sites for student to work against time to make ligation and stop bleeding.
5. Comes with multiple ligation conditions, can practice different methods of deep ligation hemostasis.



Urethral End-to-End Anastomosis Simulator

Item No.: JY/ZK001

Features

1. The model comes with complete structure of urethra, bladder and rectum, at lithotomy position.
2. Simulates digital rectal examination and rectal rupture.
3. Represents the whole process of the anastomosis operation.
4. Suture the skin, secure the drain, vesicostomy, suture the bladder and suture the incision.



Great Saphenous Vein Transfusion Simulator

Item No.: JY/L-111

Features

1. Replica of the lower limbs of an adult male;
2. Allows to practice great saphenous venous transfusion, great saphenous venous incision and catheterization.
3. Incision suture; fracture fixation and binding up; intramuscular injection.
4. The left leg comes with scar after coronary angiography;
5. Available legs abduction to have required body positions and best view for surgery
6. Supports repeated exercises, and skin is replaceable.



Skin Venotomy Module

Item No.: JY/L-112

Features

1. Made from high polymer material, environmental protection, protection and high simulation of skin
2. Practice phlebotomy, vein ligation and venous catheterization
3. Routine skin disinfection, drape, local anesthesia
4. Supports repeated practice.



Abdominal Incision and Suture Training Simulator

Item No.: JY/L-113

Features

1. Ideal product for surgical suture exercises.
2. Excellent elasticity and flexibility of the skin, repeated suture exercises can be done with each model.
3. Practices basic surgical skills such as cutting, suturing, stitch removal, dressing, practising wound cleaning and dressing changes.
3. The skin is soft, elastic, and the subcutaneous tissue is lifelike.
4. Replica of the abdomen of real human body with visible skin texture.



High Intelligence Delivery Simulation System

Item No.: JY/F-Mum

Features



System Composition:

• Puerperal Manikin • Newborn • Fetus

Main function of Gravida Manikin:

1. Spontaneous lachrymation and sweat
2. Simulate colporrhagia, massive haemorrhage and abdominal amniotic fluid, etc.
3. Simulate all kinds of cyanosis and pale complexion, etc.
4. Chest rise during spontaneous respiration
5. Simulate Uterine Contraction: UC intensity varies with the progress of labor stages.
6. Simulate airway obstruction to realistically show ARDS performance
7. Multiple arterial pulses
8. Allow to auscultate hundreds of normal and abnormal heart sounds, lung sounds, bowel sounds and fetal heart sounds
9. Comes with 80 kinds of preinstalled voice to simulate puerperal chief complaint.
10. Vital signs monitoring: BO monitor, BP monitor and ECG monitoring, and supports monitoring the whole process of the uterine cavity from awaiting delivery, parturition and postpartum care.
11. With real anatomical structure
12. Uterine cavity monitoring: Available real-time curve changes of UC & FHR
13. The descending position of fetal head is controlled by the software, and coordinate with antenatal cervical and birth canal variation modules to measure the status of fetal head descent and cervix dilation.
14. Urethral catheterization
15. Delivery: Demonstration of LOA delivery, accompanied with auto uterine contraction, including engagement, decent, flexion, inner rotation, spread, restoration and outer rotation, fetal shoulder and fetus deliver, and the labor speed can be adjusted according to the teaching requirements.

First Aid: :

1. Simulate defibrillation and pace-making
2. Intravenous injection (hand & arm), intramuscular injection (deltoid, lateral thigh)
3. Infusion pump usage flow training
4. CPR Training
5. Drug therapy system: medicine species and dosage can be identified, and relative physiological changes will occur after drug administration.

High Intelligent Digital Training System of Obstetrics and Gynecology Skills (computer-controlled)

Item No.: JY/F-10001

Features



This is a computer interactive emergency delivery training system with powerful functions and comprehensive knowledge in subjects such as gynecology, obstetrics, paediatrics, first aid and nursing, etc. It mainly contains two sections: puerperal system and neonatal system, which covers first-aid knowledge points of the entire labor process, basic nursing, postpartum nursing care and BLS of infant and Mother, ACLS and PLS. It provides classical dystocia cases, e.g, normal labor, cord around neck delivery, breech dystocia, preeclampsia, caesarean birth, prolapse of umbilical cord, premature birth and potential hemorrhage before, during and after delivery. It clearly instructs obstetrical workers to identify different natal stages through partogram, diagnose abnormal labor stages in clinic and deal with it properly; to diagnose fetal distress in time by clinical fetal monitoring and handle it; and to train nursing care and emergency treatment for neonates. The software can self-edit clinical cases, simulate real clinical environment and cultivate students' ability in clinical diagnosis and team cooperation for labor and emergency cases.

1. Consists of puerperal system and neonatal system, and each system consists of manikin, computer, control cabinet and ECG monitor;
2. Great case edit functions make illness state vary with the clinical treatment, which can cultivate correct clinical thoughts and cooperative spirit of group for students;
 - 1). Designed with many real cases, so it is easy to apply the software;
 - 2). Edit course of disease as required, and the edit method is simple;
 - 3). When course of disease starts, it can be stopped, suspended, playback, and Teacher can change the vital signs of "patient" at any time to change the course, which can make treatment more difficult to check students' strain capacity
3. The puerperal features natural anatomical structure, with flexible limbs and dorsal lithotomy position can be realized.
 - 1). Take off the abdominal cover, fetus with flexible joints can be seen and it can realize multiple fetal positions;
 - 2). Equipped with gravid uterus, and allows Leopold maneuvers;
 - 3). The chest skin can be connected to simulators such as ECG, defibrillator, temporary external pacemaker and AED, etc;
 - 4). Comes with a built-in inductor, which can sense operations such as trachea cannula, chest compression and ventilation, intravenous injection, etc;
 - 5). Forearm intravenous injection: There will be "POP" feeling and blood return can be seen if puncture is correctly done. The skin and vessels are replaceable.

4. Labor of Stages & Fetal Heart Monitoring

- 1). FHR & UC monitoring: Easily set up all kinds of index of fetal vital signs and uterine contraction, and there' re real-time dynamic graphics during fetus monitoring, and the graph paper can be saved and printed;
- 2). Auto delivery: By drawing partogram and setting up the 1 st , 2 nd and 3 rd labor stages, the manikin can automatically demonstrate the childbirth process, including engagement, descending, flexion, inner rotation, spread, restoration and outer rotation, shoulder presentation and fetal birth, accompanied with uterine contraction, and the labor speed is adjustable;
- 3). Dystocia: Simulate all kinds of dystocia by setting up the software, changing the fetal position, and adjusting the pelvic bony stenosis degree; and the partogram will reflect the dystocia course.
- 4). Birth process can be suspended and repeated, so it' s easy for classroom teaching.
5. Neonate, flexible limbs, with realistic anatomic structures of ribs, lungs, heart, stomach, liver, trachea, esophagus and umbilical cord, etc.

- 1). Allows umbilical venous cannula to extract blood or inject into medicine;
- 2). There will be obvious "POP" feeling and bone marrow can be extracted if tibia puncture is correctly done;
- 3). There will be obvious "POP" feeling, and vein blood can be extracted if puncture is correctly done, and medicine can be injected into the neonatal manikin.

6. Newborn Cyanosis Emergency System

- 1). Cyanosis changes on newborn cheek, lips, hands, legs with different degree, mild or serious;
- 2). Equipped with 5-speed position to adjust the cyanosis condition;
- 3). Treatment: apply oxygen therapy and injection therapy to the newborn if necessary; rational dosage is required on the basis obaby's body weight;

7. CPR: AHA (American Heart Association) 2020 guideline for CPR & ECC

- 1). Two operation mode: Training & Assessment
- 2). Set up different assessment criterion for different group (first-aid major, medical major, ordinary people) and different age group (adult, child, infant), with different complexity;
- 3). Three patterns for setting assessment criterion:
 - a. default;
 - b. the computer automatically measures the whole data of teacher' s practical operation and make it as the standard, instead of an abstract value set by the tender-self, which makes the standard close to the actual operation;
 - c. Tolerance interval setting;

8. Simulate Bedside Monitoring System: completely same as clinical monitor, dynamically displays manikin' s physiological parameters such as SpO₂ , BP (SBP, DBP, MABP, IBP, NIBP), breath curves, respiratory rate, heart rate, ECG, ETCO₂, temperature, etc.

9. Defibrillation:

- 1). Allow to practice operation skills for synchronized defibrillation or nonsynchronous defibrillation;
- 2). Free to set defibrillation energy (1-360J) and defibrillation times (1-3);
- 3). Prompts for both correct and wrong defibrillation;
- 4). ECG shows various waveforms for defibrillation each time;
- 5). Auto system response after correct defibrillation, it recovers to normal sinus ECG, whereas, it shows death ECG;

10. AED Skills Points:

- 1). Critical "Patient" Life Support:
- 2). Use ECG monitor
- 3). CPR

- 4). Electric defibrillation: Synchronous electrovert & AED
- 5). External pace-making
- 6). Trachea Cannula
- 7). Sputum suction and atomizing inhalation
- 8). Hair washing, breast nursing, venepuncture, etc.
11. Labor Stages Monitoring:
 - 1). Fetal Heart Monitor
 - 2). Perineum Incision and Suture
 - 3). Leopold maneuvers
 - 4). Partogram drawing and application
 - 5). Vaginal delivery
12. Vacuum delivery (obstetrics forceps / fetal head aspirator)

Newborn Emergency & Nursing Skills:

- 1). First-aid for cyanosis ECG monitor application
- 2). Tibia puncture CPR
- 3). Electric defibrillation: Synchronous electrovert & AED External pace-making
- 4). Trachea cannula
- 5). Umbilical ligation, nursing, umbilical venous blood collection, umbilical venous cannula, etc.
- 6). Nasal feeding, oxygen inhalation, intravenous injection via umbilical vein, forearm vein and great saphenous vein, etc.



Maternal and Neonatal Childbirth Emergency Training System

Item No.: JY/F-10002

Features



Feature & Function:

1. Realistic anatomical structure of the puerpera with flexible limbs, and supports lithotomy position.
2. Removable abdominal cover, fetus for delivery comes with flexible limbs and supports all kinds of fetal positions.
3. Fetal heart sounds can be auscultated at the belly.
4. Supports prenatal Leopold maneuver to check fetal positions.
5. Auto delivery system, simulates the whole process of childbirth, and the fetal head descending position and dilation of cervical os can be measured during childbirth.
6. Supports puerpera tracheal intubation.
7. Puerpera's arm supports venepuncture and allows drug therapy.
8. Puerpera nursing care, including basic nursing, hair and face washing, oxygen inhalation and oral cavity care, etc.
9. Cervical modules support prenatal cervical examination and simulate 6 stages of cervical dilation.
10. Simulates all kinds of dystocia, e.g.: placenta previa, prolapse of cord, cord around neck, breech delivery.
11. Episiotomy modules include left incision, median incision and right incision; allow postoperative wound care for perineotom.
12. Uterus, 48 hours after delivery, can simulate postpartum uterus bleeding.
13. Emergency and vital signs monitoring: manually simulates carotid pulse, supports BP measurement and CPR Training.
14. Neonatal emergency nursing manikin supports neonatal care, neonatal CPR, trachea intubation, venepuncture and tibia puncture, etc.



Maternal Simulator

Item No.: JY/F-0001

Features

1. The model consists of adult female torso, full-term fetus.
2. The model with realistic rib, heart, lungs and other anatomical structure
3. Automatic delivery system, process through the delivery device fully simulate the real delivery to achieve position rotation
4. Delivery speed can be adjusted
5. Practicing, examining the fetal heart sound frequency, heart rate range of 60 - 180 times / min
6. With two months of pregnancy in simulated uterine size, can be filled with gas
7. A flexible joints, limbs soft full-term fetus



Advanced Childbirth Skill Training Simulator

Item No.: JY/F-0002

Features

Advanced Childbirth Skill Training Simulator

1. An anatomically correct pelvic model with fetus and placenta to give students experience with multiple technique and procedure for emergency childbirth.
2. Twin-born (one infant boy and one infant girl) presentation and delivery.



Optional Module	
C-section	F-0002.1
Urethral	F-0002.2
Placenta retention	F-0002.3

Advanced Childbirth Education Training Simulator

Item No.: JY/F-0003

Features

1. An anatomically correct pelvic model with fetus and placenta to give students experience with multiple technique and procedure for emergency childbirth.
2. Twin-born (one infant boy and one infant girl) presentation and delivery.
3. Can practice and master the comprehensive skills of normal labor, abnormal labor, midwifery and perineum protection.
4. Leopold Maneuver can be practiced in this model.



Leopold Maneuvers Simulator

Item No.: JY/F-0004

Features

1. The automatic birthing system rotates baby as it moves through the birth canal.
2. The model shows seven stages of birth: engagement----descent----flexion-----internal rolling ----spread-----reposition and external rolling----childbirth.



Vacuum Delivery Simulator

Item No.: JY/F-0005

Features

1. Smooth, soft skull with fontanelles for realistic vacuum delivery



Difficult Labor Simulator

Item No.: JY/F-0006

Features

1. The simulator can demonstrate all kinds of difficult deliveries.



Maternity Examination Simulator (with FHS)

Item No.: JY/F-0007

Features

1. Simulates a torso of adult female in supine position.
2. Consists of breast, pubic symphysis, pelvis and fetus, etc.
3. Supports practice in Leopold Maneuver, fetal heart sound auscultation, external pelvic measurement and mammary care.
4. Manually squeeze the bulb to inflate the uterus to adjust its size to be close to real human status
5. Necessary bones for abdominal measurement and pelvis measurement engraved in the simulator, which makes the palpation more realistic.
6. The speed and volume of the fetal heart sound can be adjusted anytime, FHR: 80 - 180 bpm, and it varies with the frequency.



Maternity Examination Simulator

Item No.: JY/F-0007L

Features

1. Palpation (four maneuvers of Leopold)
2. Pelvic measurement
3. Mammary nursing training
4. Squeeze the bulb to inject the air into the uterus, which realistically simulates real state of a pregnant belly.

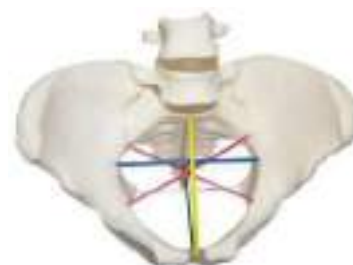


Pelvimetry Demonstration Model

Item No.: JY/F-0008

Features

1. Model for adult pelvis, real size, shortage of anatomical structures
2. Show the pelvic cavity surface of three products: pelvic entrance face, in the pelvis, pelvic exports
3. Including hip, the sacrum, sacral promontory, coccyx, ischial spine, sacroiliac joints, iliac shame promontory, toe bone joint, to 4, 5, lumbar structure, etc



Fundus of Uterus Exam.& Evaluation Simulator

Item No.: JY/F-0010

Features

1. With normal physiological changes of the postpartum women, provide assessment of postpartum fundus of uterus and massage skills training;
2. Hip joint is movable and can be placed correct body position;
3. Realistic anatomical landmark of united bones of toes;
4. Interchangeable Uterus:
 - 1) Normal uterus
 - 2) Postpartum uterus of the first hour
 - 3) Postpartum uterus of the second day
 - 4) Postpartum uterus of the second week
 - 5) Callous uterus with good contraction
 - 6) Soft uterus without good contraction
5. Expansion of vaginal orifice;
6. Easy to separate the labium minus and expose the vagina;
7. Lear energy of cunnus.



Pelvis with Fetal Heads Model

Item No.: JY/F-0011

Features

1. That can be observed during childbirth fetal relationship with the position of the pelvis.
2. Can be intuitive demonstration, declining, prone flexion, rotation, backstretch, reset and external rotation, fetal childbirth, etc. The whole process of delivery.
3. Can be used to demonstrate the use of forceps, when childbirth fetal attractor.



Gynecological Training Simulator

Item No.: JY/F-0012P

Features

1. Palpation of normal and pregnant uterus
2. Bi-manual pelvic and tri-manual pelvic examination
3. Vaginal examination
4. Contraceptive instrument insertion and removal
5. Observation of uterus, ovary, fallopian tubes, and ligament teres.



Gynecological Examination Simulator

Item No.: JY/F-0012

Features

1. Normal and abnormal uteri palpation
2. Bi-manual and tri-manual pelvic examination
3. Vaginal speculum and colposcope examination
4. Visually observe normal and abnormal lesion cervix
5. Placing and removal of IUD
6. Observe the septal size and position
7. Observe the uterus, ovary, fallopian tube, round ligament and other structures



8. Normal and abnormal cervix models

- 1) normal cervix
- 2) IUD placing and removal from normal cervix
- 3) chronic cervicitis
- 4) cervical laceration
- 5) cervical polyp
- 6) cervical inflammation Naboth cyst
- 7) acute cervicitis
- 8) cervical adenocarcinoma
- 9) trichomonad cervicitis
- 10) cervical verruca acuminata
- 11) cervical vitiligo

9. Normal and abnormal uteri and accessories models

- 1) normal uterus and accessories (uterine anterior wall is transparent, and it supports placing and removal of IUD)
- 2) myoma of uterus
- 3) uterus with right hydrosalpinx
- 4) uterus with right salpingitis
- 5) uterus with right oviduct tubercle
- 6) uterus with right tubal ovarian cyst
- 7) uterus with obvious anteversion and ante flexion
- 8) uterus with obvious hypsokinesis and retroflexion
- 9) gravid uterus (five-month fetus)
- 10) ectopic gestation
- 11) salpingemphraxis

Comprehensive Gynecological Examination Torso

Item No.: JY/F-0013H

Features

- 1) Replica of a female adult torso with accurate anatomical structures such as bilateral clavicles, armpit, breast, ribs, sternum, xiphoid, perineum and anterior superior spine, etc.
- 2) Made from high polymer material
- 3) Supports palpation for breast lumps, and all kinds of common mammary tumors are embedded in the different positions of the breast, including malignant tumor with hard texture and not-smooth surface, benign tumor with relatively soft texture and smooth surface and lymph gland, etc.
- 4) Simulates normal and abnormal uteri palpation, supports bi-manual pelvic and tri-manual pelvic examination.
- 5) Visual recognition of normal and abnormal cervixes.
- 6) Vaginal examination by means of speculum and colposcopy.
- 7) Digital examination of rectum
- 8) Female catheterization
- 9) The perineum part can be opened, which makes it easy to replace the uterine accessories.



Gynecological Examination Simulator

Item No.: JY/F-0013

Features

1. Hysteroscopy checking
2. Laparoscopic visualization checking, allow to observe the uterus, accessories and round ligament, etc.
3. Palpation examination for pregnancy and postpartum uterine models
4. Place and remove IUD
5. Female condom can be used in vagina, and training in placing and removing contraceptive sponge, cervical cap, etc.
6. Replaceable cervix and uterus
7. Normal and abnormal uterus and accessories model & parts for bi manual examination and vagino-recto-abdominal examination
 - 1) Normal uterus and accessories (IUD can be placed into or removed from the anterior uterine wall.)
 - 2) Fibroid
 - 3) Uterus with hydrovarium of left fallopian tube
 - 4) Uterus with right salpingitis
 - 5) Uterus with malformation and right salpingitis
 - 6) Uterus with obvious anerversion and antelexion
 - 7) Uterus with left ovarian cyst
8. Normal and abnormal cervix models (for colposcopy)
 - 1) Normal cervix
 - 2) IUD placed into or removed from normal cervix
 - 3) Chronic cervicitis
 - 4) Cervix uteri
 - 5) Cervical polyp
 - 6) Cervical inflammation Naboth cyst
 - 7) Acute cervicitis
 - 8) Cervical adenocarcinoma
 - 9) Trichomonad cervicitis
 - 10) Cervical verruca acuminata
 - 11) Cervical vitiligo
9. Normal and abnormal uterus examination model (for hysteroscopy)

1) Normal uterus	5) Early stage of uterine body cancer
2) Endometrial polyp	6) Late stage of uterine body cancer
3) Endometrial hyperplasia	7) Uterine fundus cancer
4) Myoma of uterus	
10. Pregnant and postpartum uterine models

1). 6-8 weeks early pregnancy uterus	3). 20 weeks pregnancy uterus
2). 10-12 weeks early pregnancy uterus	4). Simulation of postpartum 48-hours uterus



Prenatal Cervix and Birth Canal Model

Item No.: JY/F-0014

Features

1. Six labor stations selected to represent conditions of the cervix and vagina prior to labor, during labor, and at birth.
2. Stations illustrated are: STA-5 prior to onset of labor; STA-4 cervix partially effaced; STA-3 cervix fully effaced; STA-0 fetal head at plane of ischial spine; STA-2 cervix nearing full dilation; STA-5 crowning of fetal head.



Perineum Suturing Training Model

Item No.: JY/F-0016

Features

1. Right posterior incision, left posterior incision or median incision can be selected to exercise perineum cutting and suturing.



JY/F-0016B High Simulation Perineum Suturing Training Model

Perineum Cutting & Suturing Training Simulator

Item No.: JY/F-0017B

Features

1. This model is designed for practice of perineum cutting and suturing.
2. The main structure of the simulator is a perineum, which is made of simulative foam, and the inner muscle is soft PVC. The simulator is mounted on a plastic framework.
3. Adjust tension of the perineum by means of the handle at the back
4. Right posterior incision, left posterior incision or median incision can be selected to exercise perineum cutting and suturing.



Breast Feeding Simulator

Item No.: JY/F-0018U

Features

1. Simulate a female upper body with moderate-size breasts with realistic soft skin and touch feeling;
2. Can be tiled on the desktop to demonstrate teaching;
3. With cloth elastic and can be worn in front of breast for self-examination, adjustable length and tightness;
4. Comes with a newborn baby with flexible joints and soft limbs, which Makes the demonstration and management of breastfeeding more vividly.



Transparent Curettage Model

Item No.: JY/F-0022

Features

1. Transparent casing, solid, beautiful and visible of the pelvic internal structure, operation steps can be observed if they are correct;
2. Good flexibility of vagina, vaginal speculum can be used, soft and elastic uterine material, realistic shape;
3. Soft touching feeling of genitals, simulation shape, correct structure of the labia majora, labia minora, urethra, vagina;
4. Realistic internal anatomical structure: uterus, fallopian tube, ovary, bladder, ureter;
5. Around 6-7 weeks of gestation sac can be seen in the transparent uterus;
6. Urethral catheterization operation, female bladder irrigation
7. Uterine dilator and curet can be inserted into cervix



Artificial Abortion Simulated Uterus

Item No.: JY/F-0023

Features

1. Three pregnant uterus can be opened and add to simulated gestation sac;
2. Uterine dilator and curet can be inserted into cervix; can simulate curettage be operation and the simulated gestation sac can scraped;
3. With basement support and can fix the uterus in the right position.



Contraception Guidance Model

Features: JY/F-0025

Features

1. The model is designed with the structure of the female inner genital organs. It can help to practice the placement of contraception device.
2. Some parts shown as below: bladder, Vagina, Pubic bone, uterus, rectum, and coccyx.



Male Condom Model

Item No.: JY/F-0024

Features

1. Mounted on a lucite stand
2. Penis is erect
3. Simulation of ejaculation



IUD Training Model

Item No.: JY/F-0026

Features

1. The good shape of the model makes the training clearly.
2. Normal and abnormal positions of uterus can demonstrate the uterine anteversion and retroversion.



IUD Training Simulator

Item No.: JY/F-0027

Features

1. The model accurately show uterine lateral section, with transparent membrane covering on the model, can clearly observe IUD insertion and placement process.



Female Contraception Simulator

Item No.: JY/F-0029

Features

1. Imported material, high-quality and environmental protection.
2. Simulate anteversion uterus, fallopian tubes, cover in the pelvic cavity.
3. Expansion of vagina, the use of vaginal speculum, operation of female condom, contraceptive sponge and cervical cap.



Female Contraception Practice Simulator

Item No.: JY/F-0030

Features

1. Imported material, high-quality and environmental protection.
2. Simulate anteversion uterus, fallopian tubes, labium, vagina and transparent abdominal wall cover in the pelvic cavity.
3. Expansion of vagina, the use of vaginal speculum, operation of female condom, contraceptive sponge and cervical cap.



Subcutaneous Embedded Contraception Arm

Item No.: JY/F-0031

Features

1. Imported material, realistic model, simulating left upper arm and lampros layer, and be mounted on the base plate.
2. Exercise of subcutaneous embed and dislodging contraceptive material;
3. Skin can be fixed



Cervical Lesion Model

Item No.: JY/F-0033

Features

1. Cervical lesion diagnosis and differential diagnosis;
2. Made from high polymer material, environmental protection and high simulation;
3. Six diseased cervix are mounted on a board, easy for teaching demonstration in the class;
4. Includes: linear laceration, acute suppurative cervicitis, canceration, polyp, infectious cervical glands (follicle) and cyst.



Vaginal Culdocentesis Simulator

Item No.: JY/F-0051

Features

1. The simulation model is made from advanced materials with correct anatomical positions, soft and elastic skin, true feeling and real pathological tissue.
2. Penetrate into median fornix posterior, which is 1cm inferior to the joint of cervix and vagina mucosa, parallel to cervical canal with a No.7 puncture needle, and light red liquid extraction means successful centesis.
3. If puncture isn't operated according to the conventions, e.g. if the operated pierces into the rectum, there will be yellow liquid extraction, which shows puncture failure.
4. If operator doesn't insert the needle according to the convention but pierces bilaterally without destination, it will hurt surrounding organs, which shows puncture failure.



Leopold's Maneuver, Anal and Vaginal Examination Simulator

Item No.: JY/F-0052

Features

1. Replica of an adult female lower torso, which consists of abdominal cavity and pelvic cavity, with accurate anatomical structures and ribs can be palpated;
2. Adjust the abdomen by aeration to simulate the belly in varying pregnant period, and perform leopold's maneuver training and assessment.
3. Ascertain the fetal position by vaginal examination or anal examination.
4. Supports external pelvimetry.

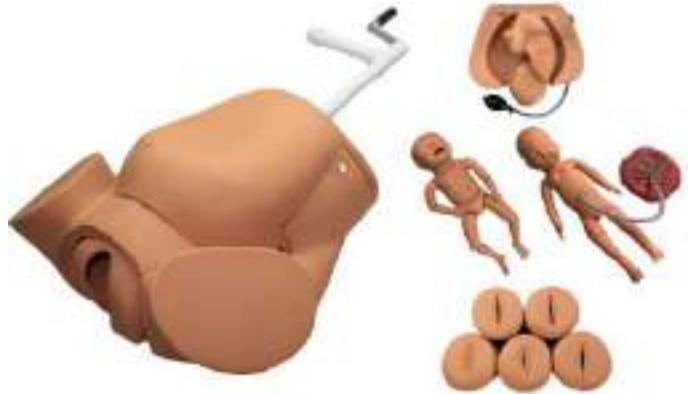


Advanced Abdominal Palpation & Delivery Mechanism Integrated Simulator

Item No.: JY/F-ZH

Features

1. Demonstrate the fetus, umbilical cord and placenta of vacuum-assisted delivery, flexible fetal joint, and multiple normal and abnormal positions of fetal delivery can be showed.
2. Equipped with manual delivery mechanical parts; by manual , the whole delivery process, including engagement, descending, flexion, internal rotation, extension, restoration, external rotation and fetal delivery, can be showed.
3. Can practise and master the abnormal comprehensive skills of normal labor, labor (dystocia), midwifery and perineum protection.
4. Equipped with soft elevated cushion for Leopold Maneuver practice.
5. Equipped with models for cervical and vaginal examination practice before and at birth.



Child ACLS Emergency Training System (five-year-old)

Item No.: JY/ACLS-2500 (wired)

Item No.: JY/ACLS-2500W (wireless)

Features

