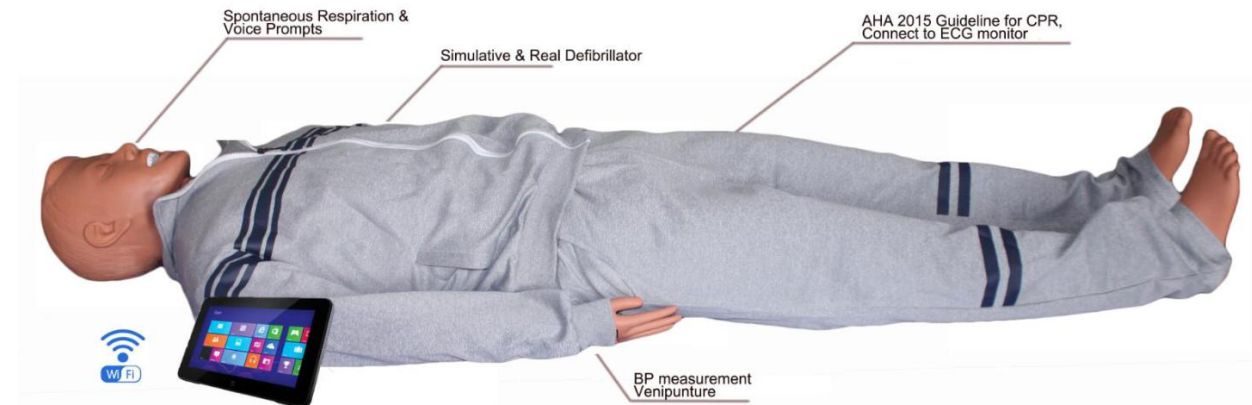




Comprehensive Nursing System

Item No.: JY/H-Jolly

Features:



1. Airway Management: Standard oral and nasal intubation, tracheotomy, open airway by head tilt and jaw thrust; simulate vital signs such as trismus, lingual edema, pharyngeal edema, laryngospasm, unilateral and bilateral pulmonary obstruction, main airway blocked, etc.
2. CPR: provide multiple ventilation ways: mouth to mouth, mouth to nose, BVM to mouth; electronically monitor airway opening, insufflation times, frequency, volume and compression times, frequency, position and depth; automatically judge the ratio of artificial respiration and chest compression; real-time data display, and English voice prompts during the entire process; after successful rescue, pupils change from mydriasis to normal state, pulse and spontaneous respiration recover.
3. Real defibrillation and pace-making: can be used with various defibrillators and pacemakers of different manufactures to realize real defibrillation and pace-making.
4. Simulation defibrillation and pace-making: display the usage of medical defibrillators and pace-makers via multimedia animation.
5. Real AED: can be used with various AED of different manufactures to realize real AED training.
6. Simulation AED: display the whole AED operation process via multimedia animation; English voice prompts during the whole course.
7. Real ECG monitoring: can be used with various ECG monitor of different manufacturers to realize real ECG monitoring.
8. Simulation ECG monitoring: realize simulation ECG monitoring by using with simulative ECG monitor; monitor SpO₂ with finger clip-on blood oxygen probe; internally storing thousands of ECG; 12-lead ECG, SpO₂, respiration, CO₂, BP (arterial blood pressure, CVP, PAP, NIBP) and cardiac output are shown on the LCD screen of simulative multi-parameter ECG monitor;

Vital Signs Simulation

1. Carotid pulse, femoral artery pulse, radial artery pulse, and vivid reproduction of patient moan, cough and vomit sounds.
2. Respiration mode: simulate normal breath, sighing breath, Cheyne-stokes breath, Kussmaul-kien breath and Biot's breath.
3. Real Spontaneous respiration: chest rise while breathing, and respiration rate and depth are adjustable.
4. Auscultation: provides dozens of sounds, including normal heart sounds, abnormal heart sounds, normal breath sounds, abnormal breath sounds, normal bowel sounds and abnormal bowel sounds.

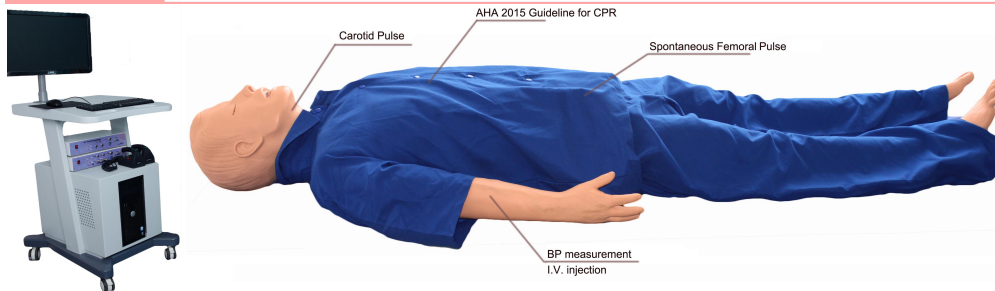
Clinical Nursing Simulation

1. Puncture: thoracic puncture and bone marrow puncture.
2. BP measurement training, deltoids subcutaneous injection, lateral vastus intramuscular injection, arm venipuncture, injection, transfusion and buttocks intramuscular injection.
3. Hair washing and combing, face washing, ear irrigation and drops, mouth care, artificial teeth care, sputum suction, oxygen inhalation, oral and nasal feeding, gastric lavage, gastrointestinal decompression, enema, stoma drainage, male/female urethral catheterization, male/female bladder irrigation.
4. Holistic nursing: limbs bending, rotation, movement up and down, sponge bath, changing clothes, and cold and heat therapy.

Comprehensive Nursing System

Item No.: JY/H-10001

Features:



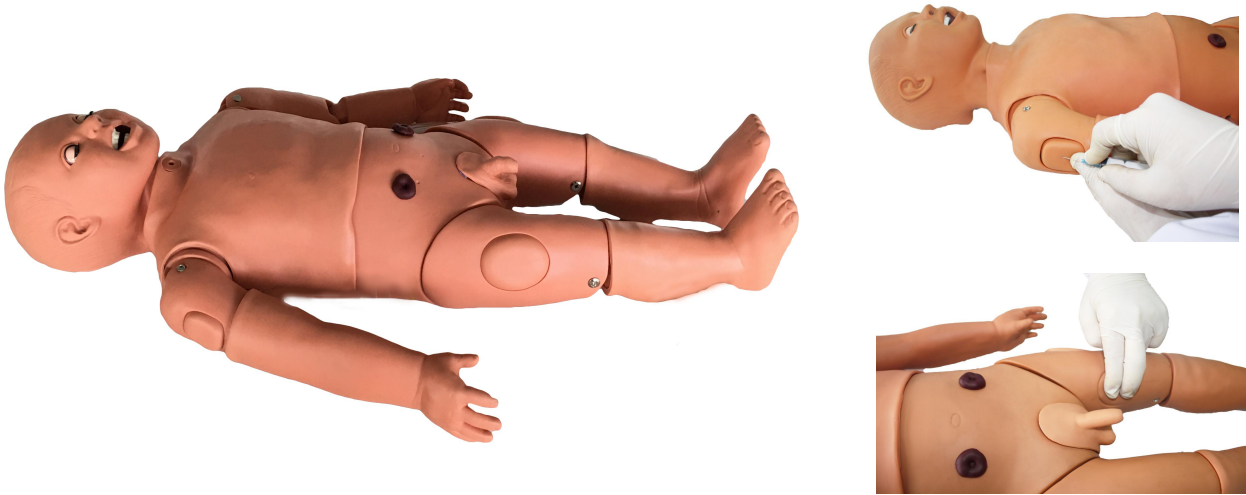
1. Simulated pupils: LCD pupils, size can be set, including mydriasis, normal and pinpoint-like state.
2. Manikin's voice: a large number of voices are stored in the system. The manikin emits different voices according to different conditions. The volume of the sounds and play mode can be set via the software.
3. Carotid pulse, radial pulse, femoral pulse and brachial pulse can be palpated.
4. The pulse frequency is consistent with the heart rate.
5. Supports real spontaneous respiration with chest rise.
6. Supports multiple breathing modes, respiratory rate and depth is adjustable.
7. Trachea cannula via mouth, correctly inserting into the trachea, extracting the tracheal duct and mistakenly inserting into the esophagus can be shown on the software synchronously.
8. Tracheotomy operation and care can be performed.
9. Open the airway via three methods "head tilt, chin lift and jaw thrust".
10. Can simulate neck stiffness, tongue edema, trismus, laryngospasm and pharyngeal obstruction.
11. Right and left lung can be separately controlled, allows to simulate left airway obstruction and right airway obstruction.
12. Supports auscultation of normal and abnormal breath sounds, normal and abnormal heart sounds, normal bowel sounds, hyperactive bowel sounds and bowel sounds disappearance, etc.
13. Allows to measure the blood pressure by the simulative BP control box.
14. Korotkoff's sound can be heard.
15. Monitor vital signs such as pulse, BP, SPO2 and Carbon dioxide at the end of the breath, which are shown on the software.
16. ECG: A large amount of data are stored in the system, which can be used for real leads monitoring and to simulate ECG of various diseases.
17. CPR: According to AHA 2015 guideline for CPR and ECC.
18. Defibrillation: supports both real and simulative defibrillation, and matches with defibrillators of different manufacturers.
19. Pace-making: supports both real and simulative pace-making, and the software can monitor "pace-making start, pace-making capture start, pace-making heart rate, pace-making capture end and pace-making end".
20. ECG: supports both real and simulative ECG monitoring, and matches ECG monitor of different manufacturers.
21. Intramuscular injection: subcutaneous injection and intramuscular injection at bilateral deltoids, intramuscular injection at bilateral vastus lateralis muscles and buttocks.
22. Venepuncture: arm venepuncture or transfusion (blood)
23. Simulative infusion pump and injection pump: the operating flow of infusion pump and syringe pump is shown by the multimedia animation.
24. Manually squeeze the bulb, pierce the second intercostal space of the bilateral midclavicular line with a puncture needle, and gas can be extracted after successful puncture.
25. Thoracentesis can be performed in the 6th to 7th intercostal space on the right midaxillary line. Liquids can be extracted after successful puncture.
26. Limbs are reflexible and supports basic training like changing clothes, binding up, fracture fixation, etc.
27. Supports oxygen inhalation.
28. The system comes with multiple nursing scenario scripts for user choice to have different training.
29. Case editing: Users can edit nursing cases on their own, and the software can automatically record patient's condition changes and the students' operating process.
30. Supports LAN teaching: the teacher can monitor each online student's operation process in real time, which makes them easy to know about students' condition.
31. Available stand-alone and online versions.



One-year-old Child Nursing Manikin

Item No.: JY/H-200

Features:



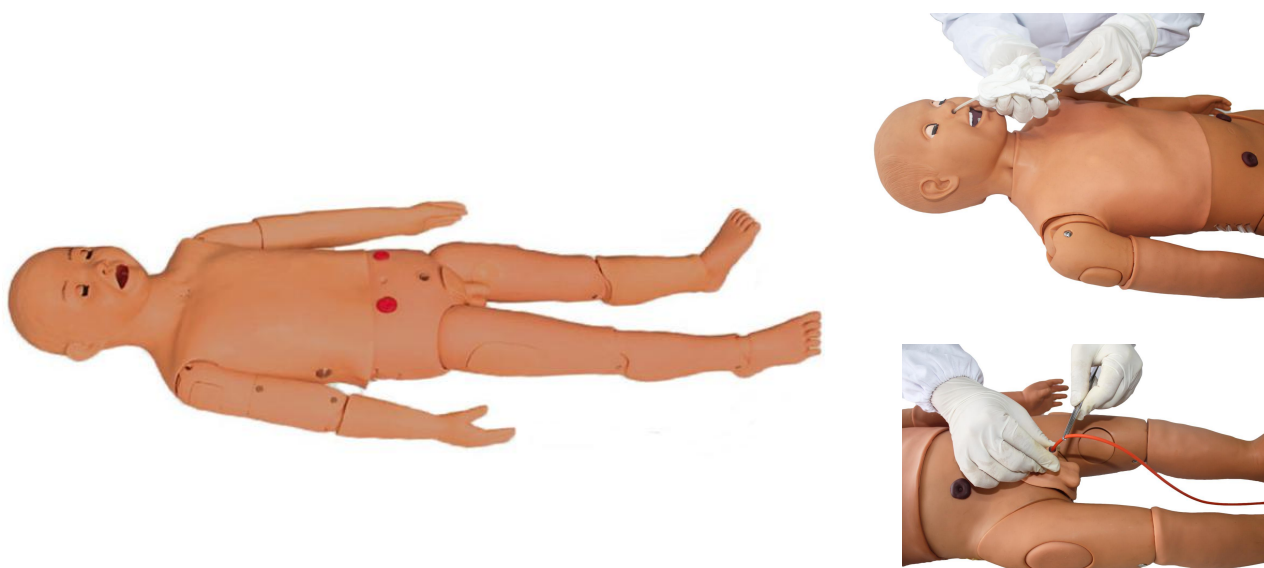
1. Designed according to infant anatomical structure, which features skin softness, real touch feeling, flexible joints and supports all kinds of nursing operations;
2. General care: diapers replacement, clothes wearing and changing, oral care, cold and hot therapy, binding up;
3. Venipuncture/ transfusion: arm veins include right arm cephalic vein and superficial dorsal vein; Scalp vein includes posterior auricular vein and superficial temporal vein. There will be "Pop" feeling when the needle penetrates into the vein, and simulative blood backflow means successful puncture. Same site of the skin and vessels allows multiple repeated puncture training.
4. Comes with realistic mouth, nose, tongue, throat, esophagus and trachea, supports trachea cannula via mouth, tracheotomy postoperative care and oxygen inhalation, etc.
5. Gastric intubation: used for gastrointestinal decompression, nasal feeding and gastric lavage.
6. Subcutaneous injection at bilateral deltoids, and intramuscular injection at vastus lateralis muscle and gluteus maximus.
7. Bone marrow puncture: puncture via tibia, where allows medicine injection and transfusion.
8. Pulse: manually squeeze the bulb to simulate infant artery pulses including carotid pulse, brachial artery pulse and femoral artery pulse.
9. Supports male/female urethral catheterization and enema operation; and the genitals are replaceable.
10. CPR: support multiple ventilation ways: mouth to mouth, mouth to nose, BVM to mouth; electronic monitoring of insufflation volume, compression depth; insufflation or compression can be trained separately.
11. Auscultation: heart sounds, breath sounds and bowel sounds.
12. Defibrillation and pace-making: simulate defibrillation and pace-making, can be used with different real defibrillator and pacemaker to achieve the real defibrillation and pace-making.
13. ECG: simulate ECG monitoring, can be used with different real ECG monitor to achieve real ECG monitoring.

	Nursing	CPR	Auscultation	Defibrillation	ECG
JY/H-200	√	√			
JY/H-200A	√	√	√		
JY/H-200B	√	√	√	√	√

Five-year-old Child Nursing Manikin

Item No.: JY/H-201

Features:



1. Simulate pupils: one normal and the other mydriasis for pupils contrast teaching demonstration
2. Simulates artery pulse including carotid pulse, radial pulse and femoral pulse; supports tracheotomy care.
3. Comes with realistic mouth, nose, tongue, throat, esophagus and trachea, supports trachea cannula via mouth and oxygen inhalation, etc.
4. Nasal feeding: insert the nasal feeding tube via the nose for gastrointestinal decompression, nasal feeding and gastric lavage.
5. CPR: support ventilation ways: mouth to mouth, BVM to mouth; electronic monitoring of insufflation frequency and volume, compression frequency and depth; insufflation or compression can be trained separately.
6. Venous transfusion, including arm veins, femoral veins and dorsal veins of foot.
7. Subcutaneous injection at bilateral deltoids, and intramuscular injection at vastus lateralis muscle and gluteus maximus.
8. Supports male/female urthelial catheterization and enema operation; and the genitals are replaceable.
9. Ileostomy, colostomy and bladder stoma care.
10. Bone marrow puncture: puncture via tibia, where medicine can be injected.
11. Auscultation: heart sounds, breath sounds and bowel sounds.
12. Defibrillation and pace-making: simulate defibrillation and pace-making, can be used with different real defibrillator and pacemaker to achieve the real defibrillation and pace-making.
13. ECG: simulate ECG monitoring, can be used with different real ECG monitor to achieve real ECG monitoring.
14. General care: clothes wearing and changing, oral care, face washing, cold and hot therapy, binding up and ear irrigation, etc.

	Nursing	CPR	Auscultation	Defibrillation	ECG
JY/H-201	√	√			
JY/H-201A	√	√	√		
JY/H-201B	√	√	√	√	√

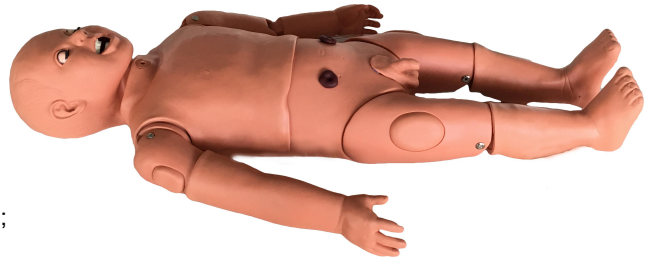


Three-year-old Child Nursing Manikin

Item No.: JY/H-202

Features:

1. Simulate pupils: one normal and the other mydriasis for pupils contrast teaching demonstration.
2. Simulates artery pulse including carotid pulse, radial pulse and femoral pulse; supports tracheotomy care.
3. Comes with realistic mouth, nose, tongue, throat, esophagus and trachea, supports trachea cannula via mouth and oxygen inhalation.
4. Nasal feeding: insert the nasal feeding tube via the nose for gastrointestinal decompression, nasal feeding and gastric lavage.
5. CPR: support ventilation ways: mouth to mouth, BVM to mouth; electronic monitoring of insufflation frequency and volume, compression frequency and depth; insufflation or compression can be trained separately.
6. Venous transfusion, including arm veins, femoral veins and dorsal veins of foot.
7. Subcutaneous injection at bilateral deltoids, and intramuscular injection at vastus lateralis muscle and gluteus maximus.
8. Supports male/female urethral catheterization and enema operation; and the genitals are replaceable.
9. Ileostomy, colostomy and bladder stoma care.
10. Bone marrow puncture: puncture via tibia, where medicine can be injected.
11. General care: clothes wearing and changing, oral care, face washing, cold and hot therapy, binding up and ear irrigation, etc.



Basic Nursing Manikin

Item No.: JY/H-105

Features:

1. Hair and face washing
2. Eye and ear washing and administering
3. Mouth cavity and artificial teeth care
4. Pupil observation: one normal, the other mydriasis
5. Postoperative care for tracheotomy
6. Oxygen inhaling
7. Nasal feeding
8. Gastrolavage
9. Tracheal intubation via mouth
10. Venipuncture, injection, blood transfusion (Arm)
11. Deltoid subcutaneous injection
12. Vastus lateralis injection
13. Buttocks intramuscular injection
14. Enema
15. Male/Female urethral catheterization
16. Male/Female bladder irrigation
17. Ostomy care
19. Holistic nursing: flexible limbs joints, sponge bath, clothes changing, cold & hot therapy.



Full Functional Nursing Manikin (Male)

Item No.: JY/H-103M

Features:

1. Hair and face washing
 2. Eye and ear washing and administering
 3. Mouth cavity and artificial teeth care
 4. Endotracheal intubation
 5. Tracheotomy care
 6. Oxygen inhaling
 7. Oral and nasal feeding
 8. Gastrolavage
 9. Venipuncture, injection, blood transfusion (Arm)
 10. Deltoid subcutaneous injection
 11. Vastus lateralis injection
 12. Thoracic cavity and lumbar puncture
 13. Enema
 14. Female/male urethral catheterization
 15. Female/male bladder irrigation
 16. Ostomy
 17. Buttocks intramuscular injection
 18. Holistic nursing: sponge bath, replacing clothes
 19. Limbs joints : bend ,rotation and upper or lower movement
- * Trauma modules for evaluation and care:
- 1) Abdomen wall incision and suture incision
 - 2) Thigh section and suture incision
 - 3) Tear of the thigh skin
 - 4) Infectious ulcer of thigh
 - 5) Foot trauma
 - 6) Amputation stump of upper arm
 - 7) Amputation stump of leg
- * Breast care (female manikin only)



Full Functional Nursing Manikin (Female) Item No.: JY/H-103F

Optional Function:

Function	JY/H-103M.1 JY/H-103F.1	JY/H-103M.2 JY/H-103F.2	JY/H-103M.3 JY/H-103F.3	JY/H-103M.4 JY/H-103F.4	JY/H-103M.5	JY/H-103F.5
Artery Pulse	√	√	√	√	√	√
BP		√	√	√	√	√
CPR			√	√	√	√
ECG				√	√	√
Trauma Modules					√	√
Breast Exam						√

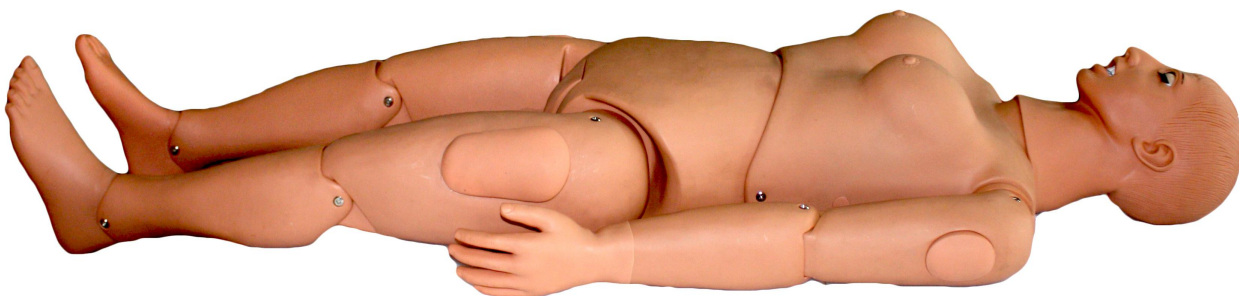


Basic Nursing Manikin (Female)

Item No.: JY/H-106

Features:

1. Hair and face washing
2. Eye and ear washing and administering
3. Mouth cavity and artificial teeth care
4. Breast care
5. Postoperative care for tracheotomy
6. Oxygen inhaling
7. Nasal feeding
8. Gastrolavage
9. Ostomy care
10. CPR simulation
11. Chest Cavity Puncture (no liquid)
12. Lumbar puncture (no liquid)
13. Venipuncture, injection, blood transfusion (Arm)
14. Deltoid subcutaneous injection
15. Buttocks intramuscular injection
16. Vastus lateralis injection
17. Female bladder irrigation
18. Female urethral catheterization
19. Enema
20. Holistic nursing: flexible limbs joints, sponge bath, clothes changing, cold & hot therapy.



Multi-functional Nursing Manikin

Item No.: JY/H-107M (Male) 、 JY/H-107F (Female)

Features:



1. Hair and face washing, hair combing
 2. Eye and ear washing and administering
 3. Oral care and artificial teeth care
 4. Tracheotomy care
 5. Oxygen inhalation
 6. Nasal feeding and gastric lavage
 7. Pupil observation: one normal, the other mydriasis
 8. Ostomy care
 9. Lumbar puncture (without liquid)
 10. Arm venipuncture, injection and transfusion (Arm)
 11. Deltoids subcutaneous injection
 12. Lateral thigh and buttocks intramuscular injection
 13. Urethral catheterization (male/female)
 14. Bladder irrigation (male/female)
 15. Enema
 16. Buttock ulcer care
 17. Diabetic foot care
 18. Holistic nursing: sponge bath, replacing clothes, cold and hot therapy
 19. Limbs: much more flexible joints, easier for movement
- * Trauma modules for evaluation and care: disinfection, wound enswathing and hemostasis, including:
- 1) Chest incision and suture demonstration
 - 2) Abdominal wall incision and suture demonstration
 - 3) Thigh incision and suture demonstration
 - 4) Thigh laceration
 - 5) Amputation stump of upper arm
 - 6) Amputation of leg
- * CPR simulation (Male)
- * Detachable left and right breasts and supports breast care (Female)



Optional Function:

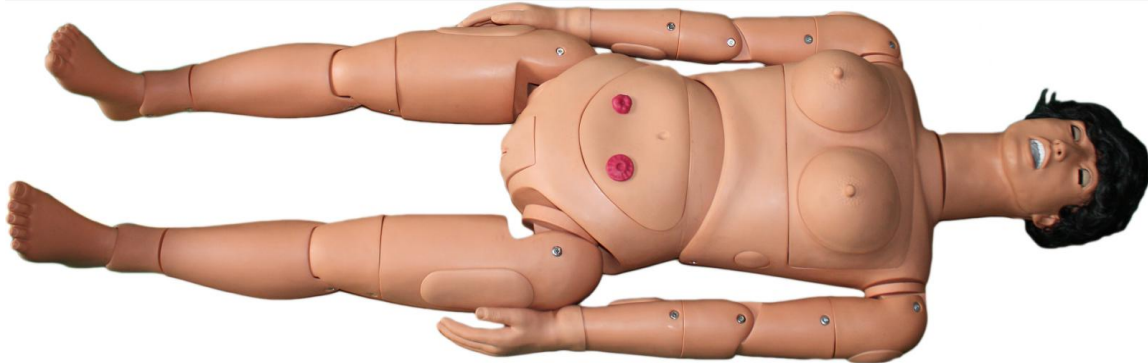
Function	JY/H-107M.1 JY/H-107F.1	JY/H-107M.2 JY/H-107F.2	JY/H-107M.3 JY/H-107F.3	JY/H-107M.4 JY/H-107F.4	JY/H-107M.5	JY/H-107F.5
Artery Pulse	√	√	√	√	√	√
BP		√	√	√	√	√
CPR			√	√	√	√
ECG				√	√	√
Trauma Modules					√	√
Breast Exam						√



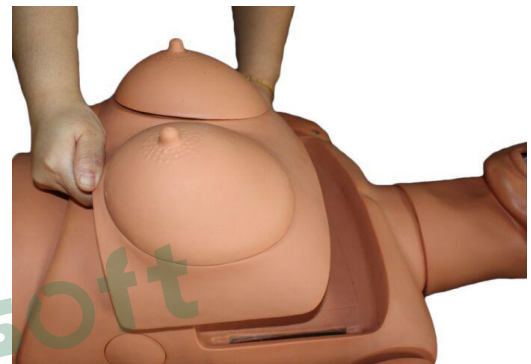
Postpartum Basic Nursing and Breast Feeding Manikin

Item No.: JY/F-HB1

Features:



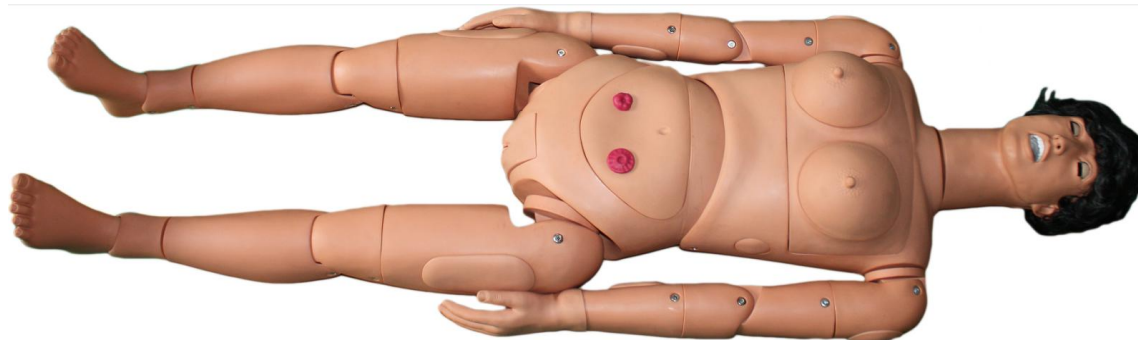
- 1) Standard adult manikin with flexible joints, which can meet all kinds of body positions
 - 2) Comes with: torso-rotation, stretch; neck-rotation, flex, lateral bending; shoulder and hip-adduction, abduction, rotation, flex; elbow-medial rotation, outer rotation; knee- medial rotation, outer rotation; wrist- medial rotation, flex, stretch, bend; ankle-varus, ectropion, adduction and abduction.
 - 3) Supports sponge bath on bed; change clothes; help "patient" move to bedside; use wheelchair, flatcar or stretcher to move and carry the "patient"; axis turning methods, limbs constraint methods, shoulder constraint methods, general constraint method; etc. Pupils observation: normal and mydriasis; aural nursing, oral nursing, tracheotomy postoperative nursing, oxygen inhalation and aerosol inhalation; BP measurement training.
 - 4) Supports intramuscular injection: modules locate in the left and right upper arms and buttocks; real soup can be injected into the modules; and modules can be taken off for rinse; Ileum fistula on the abdominal wall connected to a liquid-collecting bottled for ostomy care Supports breast feeding
 - 5) With all basic nursing functions and additional postpartum care and breast feeding function, the manikin simulates multiple symptoms of breast during lactation period: breast swelling, milk overflow, breast pain and sucking practice. Supports interchangeable male/female urethral catheterization, indwelling catheter and bladder irrigation, and simulative urine can be seen after successful catheterization.
 - 6) Supports clyster: mass non-retention clysis, little non-retention clysis, cleansing enema, and retention enema.
- ★ The embedded breast module is detachable and interchangeable, and comes with all kinds of breast tumors, lymph gland, lobular hyperplasia for inspection and palpation.
 - ★ The embedded lumbar puncture module is realistic and replaceable, and it allows repeated training.



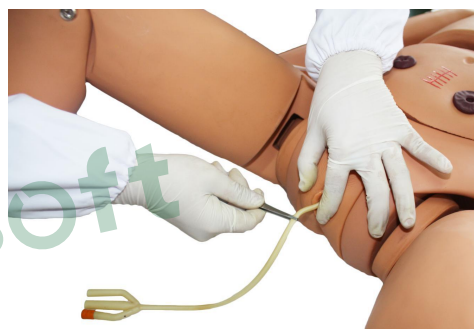
Advanced Postpartum Nursing Manikin

Item No.: JY/F-HB2

Features:



- 1) Standard adult manikin with flexible joints, which can meet all kinds of body positions
- 2) Comes with: torso-rotation, stretch; neck-rotation, flex, lateral bending; shoulder and hip-adduction, abduction, rotation, flex; elbow-medial rotation, outer rotation; knee- medial rotation, outer rotation; wrist- medial rotation, flex, stretch, bend; ankle- varus, ectropion, adduction and abduction.
- 3) Supports sponge bath on bed; change clothes; help “patient” move to bedside; use wheelchair, flatcar or stretcher to move and carry the “patient”; axis turning methods, limbs constraint methods, shoulder constraint methods, general constraint method; etc.
- 4) Pupils observation: normal and mydriasis; aural nursing, oral nursing, tracheotomy postoperative nursing, oxygen inhalation and aerosol inhalation; BP measurement training.
- 5) Supports intramuscular injection: modules locate in the left and right upper arms and buttocks; real soup can be injected into the modules; and modules can be taken off for rinse;
- 6) Ileum fistula on the abdominal wall connected to a liquid-collecting bottled for ostomy care
- 7) Voice broadcast for breast swelling, nipple collapse, milk overflow and breast distending pain
- 8) Supports interchangeable male/female urethral catheterization, indwelling catheter and bladder irrigation, and simulative urine can be seen after successful catheterization.
- 9) Supports clyster: mass non-retention clysis, little non-retention clysis, cleansing enema, and retention enema.
 - ★ The embedded breast module is detachable and interchangeable, and comes with all kinds of breast tumors, lymph gland, lobular hyperplasia for inspection and palpation.
 - ★ The embedded lumbar puncture module is realistic and replaceable, and it allows repeated training.
- 10) CPR: Supports artificial respiration and external cardiac compression, and operating data is electronically monitored with prompts for wrong operation, and chest rise can be obviously observed during air blowing
- 11) Manually simulates carotid pulse.
- 12) Available blood pressure measurements training on arm.





Full Functional Elderly Nursing Manikin (Male)

Item No.: JY/H-500A

Features:

The manikin is designed according to the physiological characteristic of old male people for the basic clinical nursing training.

The product consists of full-body male elderly manikin and non-invasive blood pressure simulator; made of imported PVC material, fine quality, environmental protection, realistic shape as human, easily washable, these help nursing workers understand and care for old people when they are nursing.

Basic nursing functions:

1. Hair and face washing
2. Manually simulate carotid pulse
3. Eye and ear washing and administering
4. Mouth cavity and artificial teeth care
5. Endotracheal intubation via mouth
6. Tracheotomy
7. Oxygen inhaling
8. Oral and nasal feeding
9. Gastrolavage
10. Venipuncture, injection, transfusion (arm)
11. Deltoid subcutaneous injection
12. Vastus lateralis injection
13. Buttocks intramuscular injection
14. Male/female urethral catheterization
15. Male/female bladder injection
16. Stoma drainage
17. Colostomy
18. Enema
19. Sacral ulcer care
20. Holistic nursing: sponge bath, replacing clothes, cold and hot therapy
21. Realistic limbs joint, stiff simulated joints, truck may lean forward
22. Non-invasive blood pressure measurement
 - 1) Systolic and diastolic pressure may be set individually in steps of 1mmHg
 - 2) Systolic pressure 0-300mmHg, diastolic pressure 0-300Hg
 - 3) Korotkoff sound volume in ten steps, 0-9



iskyssoft

Full Functional Elderly Nursing Manikin (Female)

Item No.: JY/H-500B

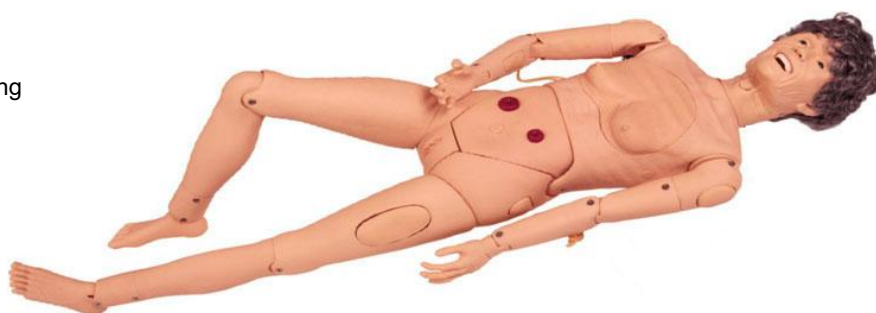
Features:

The manikin is designed according to the physiological characteristic of old male people for the basic clinical nursing training.

The product consists of full-body female elderly manikin and non-invasive blood pressure simulator; made of imported PVC material, fine quality, environmental protection, realistic shape as human, easily washable, these help nursing workers understand and care for old people when they are nursing.

Basic nursing functions:

1. Hair and face washing
2. Manually simulate carotid pulse
3. Eye and ear washing and administering
4. Mouth cavity and artificial teeth care
5. Endotracheal intubation via mouth
6. Tracheotomy
7. Oxygen inhaling
8. Oral and nasal feeding
9. Gastrolavage
10. Venipuncture, injection, transfusion (arm)
11. Deltoid subcutaneous injection
12. Vastus lateralis injection
13. Buttocks intramuscular injection
14. Male/female urethral catheterization
15. Male/female bladder injection
16. Stoma drainage
17. Colostomy
18. Enema
19. Sacral ulcer care
20. Holistic nursing: sponge bath, replacing clothes, cold and hot therapy
21. Realistic limbs joint, stiff simulated joints, truck may lean forward
22. Non-invasive blood pressure measurement
 - 1) Systolic and diastolic pressure may be set individually in steps of 1mmHg
 - 2) Systolic pressure 0-300mmHg, diastolic pressure 0-300Hg
 - 3) Korotkoff 's sound volume in ten steps, 0-9



iskyssoft



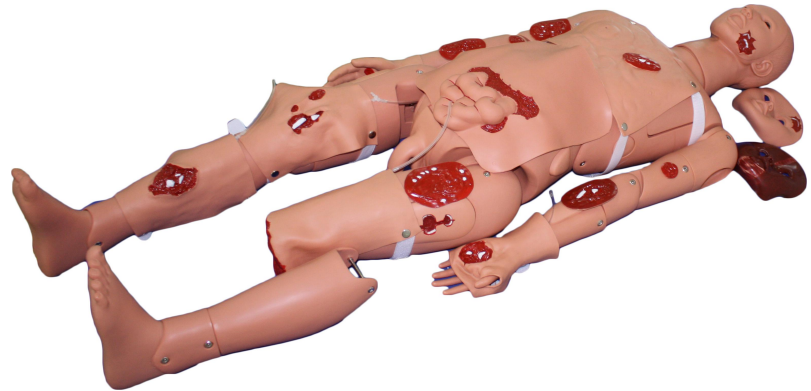
Full Functional Trauma Nursing Manikin

Item No.: JY/H-110

Features:

1. With all functions:

- 1) Hair and face washing
- 2) Eye and ear washing and administering
- 3) Oral cavity care
- 4) Pupil observation: one normal and the other mydriasis
- 5) Tracheotomy care
- 6) Oxygen inhaling
- 7) Nasal feeding
- 8) Gastrolavage
- 9) Venipuncture, injection, blood transfusion (Arm)
- 10) Deltoid subcutaneous injection
- 11) Vastus lateralis injection
- 12) Buttocks intramuscular injection
- 13) Male/Female urethral catheterization
- 14) Male/Female bladder irrigation
- 15) Enema
- 16) Ostomy care
- 17) Lumbar puncture
- 18) Holistic nursing care: sponge bath, clothes changing, cold and hot therapy;
- 19) Limbs joints: bend, rotation, upper or lower movement



2. Advanced trauma modules:

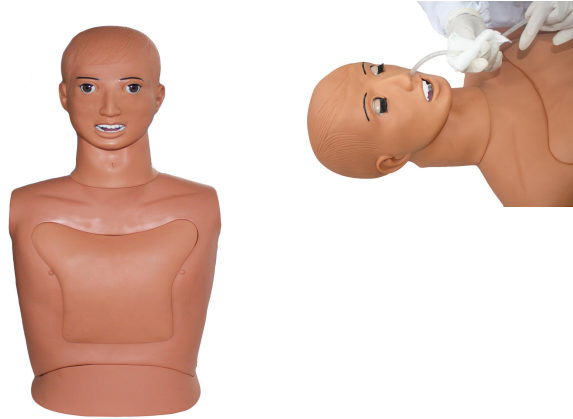
- 1) Facial burn: 1, 2, 3 degree
- 2) Laceration in forehead
- 3) The wound in jaw
- 4) Opened clavicular fracture and contusion wound on the chest wall
- 5) The wound in abdomen with small intestine evisceration
- 6) Opened humerus fracture of right upper arm
- 7) Opened fracture of right hand (including parenchyma laceration, fracture and bone tissue exposure)
- 8) Gun wound in the left palm
- 9) Opened fracture of right thighbone
- 10) Compound femur fracture of right 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

Nasogastric Feeding and Trachea Intubation Care Training Manikin

Item No.: JY/H-0004

Features:

1. Hair and face washing
2. Eye and ear washing and administering
3. Mouth cavity care
4. Oxygen inhaling
5. Nasogastric tube placement
6. Tracheotomy Care
7. Sputum suction
8. Oral and nasal cavity intubation
9. Simulation of carotid pulse

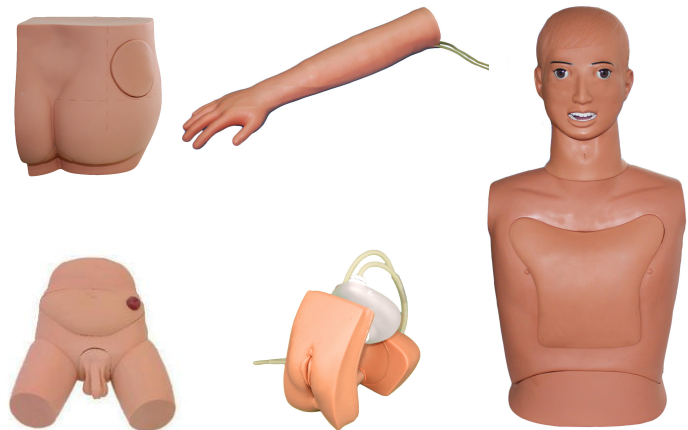


Combined Nursing Manikin

Item No.: JY/H-0006

Features:

1. Hair and face washing
2. Eye and ear washing and administering
3. Mouth cavity care
4. Oxygen inhaling
5. Nasal feeding
6. Gastrolavage
7. Tracheotomy Care
8. Endotracheal intubation
9. Deltoid subcutaneous injection
10. Subcutaneous puncture
11. Venipuncture, injection, blood transfusion (Arm)
12. Male urethral catheterization
13. Male bladder irrigation
14. Ostomy
15. Buttocks intramuscular injection
16. Enema
17. Female urethral catheterization
18. Female bladder irrigation





Parenteral Alimentation Nursing Simulator

Item No.: JY/H-0007

Features:

The model can be used to demonstrate how to give parenteral nutrition therapy and care to patients who have central venous catheter, and to practice central venous catheter placement, related disinfection, puncture and fixed operation, etc.

1. Simulated normal adult male body size, accurate anatomical structure, translucent design better stereoscopic observation of the internal bone, blood vessels, heart, and part of the lungs.
2. Can be clearly observed through the transparent design internal jugular vein, subclavian vein pathway.
3. On the right side of the chest have skin puncture part of the cover.
4. Heart module can be opened, tricuspid valve structure to see the marked as red.



Swallow Mechanism Simulator

Item No.: JY/H-0008

Features:

1. The mechanism of swallow;
2. The causes of mistaking swallow;
3. Correct posture of eating;
4. The relationship between the angle of neck and mistaking swallow;
5. Emergency rescue for mistaking swallow;
6. Swallow training with oral cavity care;
7. Intubation feeding;
8. Internal absorption of oral cavity.

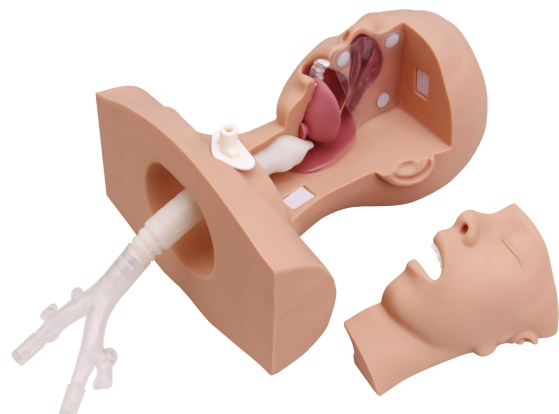


Suction Training Simulator

Item No.: JY/H-0009

Features:

1. The suction catheter skills training through nose and mouth;
2. Suction tube can be inserted into nasal cavity and oral cavity, and simulated sputum suction;
3. Suction tube can be inserted into tracheal opening; site through tracheal cannula, and intrabronchial suction can be practiced;
4. By opening the one side part of the face, the position of inserted tube can be confirmed, and the anatomical structure of nasal cavity, oral cavity and cervical part can be learned;
5. Simulated sputum is set into nasal cavity, oral cavity and trachea to enhance the effectiveness of training for obtaining actual technique.



Adult Tracheotomy Care Simulator

Item No.: JY/H-0010

Features:

1. Precise anatomical structure: pharynx, epiglottis, trachea, esophagus, tracheotomy area, cricoid cartilage, left and right bronchial trees.
2. Tracheotomy care
3. Sputum suction
4. Suction via oral cavity
5. Clean and care of tracheal cannula.



Electronic Urethral Catheterization and Enema Simulator

Item No.: JY/H-0011

Features:

1. Male urethral catheterization: lift the penis, simulating extending the urethra bend (curvatura prepubica). Gently introduce the catheter into the meatus and slowly advance it through the urethra (through cavernous body of urethra, membranous urethra and prostatic urethra). If the operation is correct, the green light will power on. Advance the catheter about 18~20cm and the red light will power on. The return of urine into the collection tubing signifies that the catheter is in the proper position;
2. Female urethral catheterization: gently introduce the catheter into the meatus and slowly advance it proximally 4cm through the urethra. The catheter will arrive at bladder and the red light will power on; the return of urine into the collection tubing signifies that the catheter is in the proper position;
3. Enema: Introduce the catheter into the anus and advance it about 10cm through the anal canal.
4. Irrigation and care for ileum and colon stoma.
5. Intramuscular injection training on the lateral thigh.



Transparent Male Catheterization Simulator

Item No.: JY/H-0013

Features:

1. We design this simulator basing on the normal human anatomy;
2. The external genitalia are lifelike. Students can observe the organs in the pelvis, such as bladder and rectum;
3. The whole catheterization process can be seen because of the transparent abdominal wall;
4. The resistance will be felt during catheter insertion, just as in real human. The external Genitalia can be replaced.





Transparent Female Catheterization Simulator

Item No.: JY/H-0012

Features:

1. We design this simulator basing on normal human anatomy;
2. The external genitalia are lifelike. Students can observe the organs in the pelvis, such as bladder, uterus and rectum;
3. The whole catheterization process can be seen because of the transparent abdominal wall;
4. The resistance will be felt when catheter insertion, just as in real human. The external genitalia can be replaced.

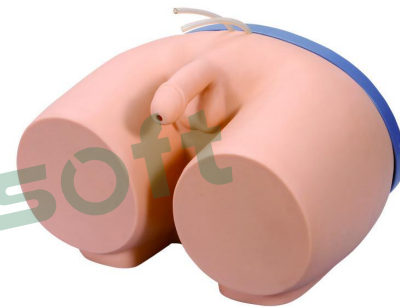


Male Catheterization Simulator

Item No.: JY/H-0014

Features:

1. General urethral catheterization process can be operated.
2. There are resistance when advance the catheter through mucosal fold, bulb of urethra and intraurethral sphincter.



Female Catheterization Simulator

Item No.: JY/H-0015

Features:

1. General urethral catheterization process can be operated;
2. There are resistance when advance the catheter through urethral sphincter.

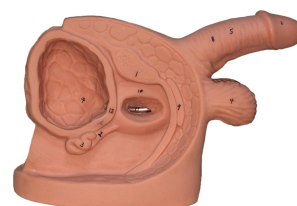


Male Internal & External Genital Organ Model

Item No.: JY/H-0016

Features:

1. Male internal genitalia and external genitalia;
2. The students can directly observe catheterization process.



Female Internal & External Genital Organ Model

Item No.: JY/H-0017

Features:

1. Female internal genitalia and external genitalia;
2. The students can directly observe catheterization process.

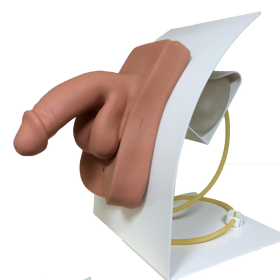


Male Catheterization Model

Item No.: JY/H-0018

Features:

1. Simulate real urethral catheterization operation training, realistic genitalia can carry out real urethral catheterization and genital care operation;
2. Fixed on bracket, can be operated on table;
3. With water-proof shorts which can be worn outside of clothes to operate, suitable for a group of two students to practice.



Female Catheterization Model

Item No.: JY/H-0019

Features:

1. Simulate real urethral catheterization operation training, realistic genitalia can carry out real urethral catheterization and genital care operation;
2. Fixed on bracket, can be operated on table;
3. With water-proof shorts which can be worn outside of clothes to operate, suitable for a group of two students to practice.



Wearable Artificial Defecation Training Simulator

Item No.: JY/H-0022

Features:

1. Wearable design and suitable for a group of two students to exercise;
2. Made of imported material, soft skin, and real operation process;
3. With cloth elastic, length and tightness can be adjusted.





Enema and Assisted Defecation Training Simulator

Item No.: JY/H-0023

Features:

1. Simulate bed patient and old people, who can't defecate by themselves;
2. The abdominal wall can be opened so as to students directly observe the operation;
3. Disassembly and washing is very simple.



Ostomy Nursing Simulator

Item No.: JY/H-0024

Features:

1. The anatomy of colostomy and ileostomy are carefully reproduced to provide lifelike functions and appearance. The model can be operated in erect position or side-lying position;
2. Intubation feeding can be actually operated in the ileostomy;
3. Ostomy care can be operated in the colostomy, including excretion synthetic stool, irrigation and stool bag care.

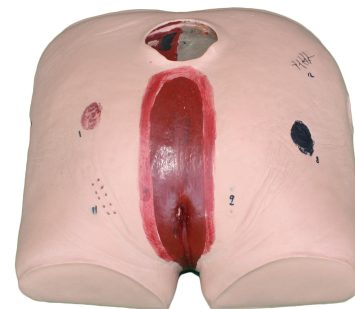


Decubitus Ulcer Care Simulator

Item No.: JY/H-0025

Features:

1. Four stages of ulceration;
2. Decubitus ulcer kinds: sinus, fistula, corruption scab, infection, bone exposure, eschar, suturing incision, Herpes and Monilia infection;
3. Incision washing, evaluation and measurement.



Stage Decubitus Ulcer Care Simulator

Item No.: JY/H-0026

Features:

1. Wearable design;
2. Four stages decubitus are included and can be replaced easily.



Disbetic Foot Nursing Model

Item No.: JY/H-0029

Features:

1. Designed for nursing of foot pathological changes caused by diabetes;
2. No.1,2,3 invasive trauma with minor foot infection;
3. Display severe foot diseases, such as toe amputation, charcot foot and gangrene, etc;
4. Soft and elastic model material, bendable toes.



Nonpitting Edema Training Model

Item No.: JY/H-FA

Features:

1. Nonpitting edema, no fibrous tissue indentation when pressed.
Includes a 3+ stage (6mm edema module), easy for comparison, the tissue keeps pit for a short time after it is pressed.
2. Skills to be practiced,
 - Evaluate stage (3+ and nonpitting)
 - Evaluate depth (6mm and no depth)
 - Evaluate baseline rebound time
 - Feel non-pitting stage



Pitting Edema Training Model

Item No.: JY/H-AX

Features:

1. Observe how long the pitting is present after the release of indentation depth and pressure decides and grade it subjectively;
e.g. renal edema, cardiac edema, etc.
2. Shows 4 stages:
 - Stage I, mild depression, slight indentation (2mm), no obvious swell;
 - Stage II, moderate depression, indentation (4mm) disappear rapidly;
 - Stage III, deep depression, indentation (6mm) lasts for a while only, small swell area;
 - Stage IV, severe depression, indentation (8mm) lasts for a long time, very large swell area.





Gastric Catheterization Training Torso

Item No.: JY/H-0030

Features:

1. With realistic oral cavity (teeth, tongue and uvula), airway (epiglottis, glottis, larynx, arytenoid, vocal cords and trachea) and esophagus.
2. With completely simulation head and neck, soft face texture and true touch feeling.
3. Supports nasal feeding and oxygen inhalation.
4. Supports gastric lavage.

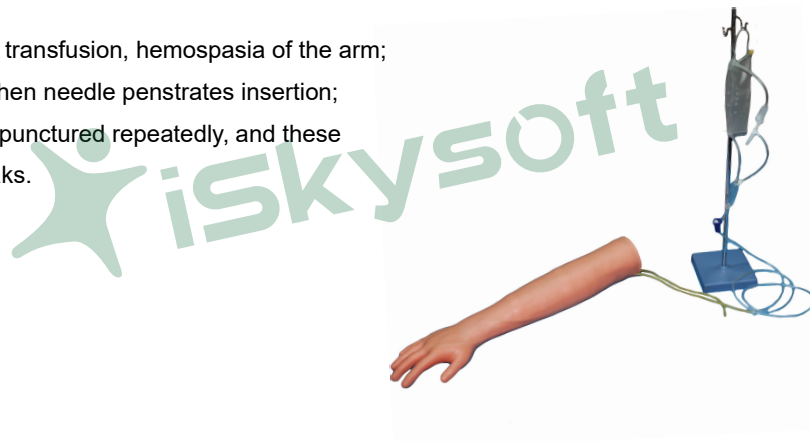


Venipuncture Training Arm

Item No.: JY/H-1001

Features:

1. Simulating injection, blood transfusion, hemospasia of the arm;
2. There is obvious feeling when needle penetrates insertion;
3. Veins and skin can be acupunctured repeatedly, and these operations won't cause leaks.

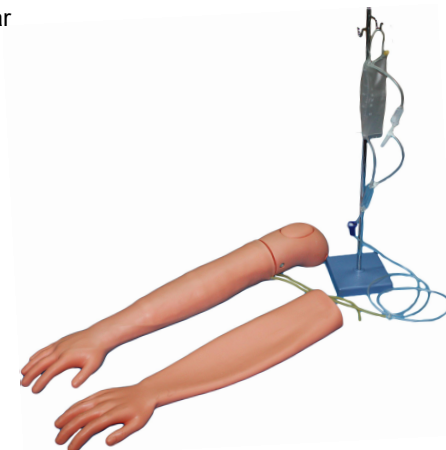


Venipuncture & Intramuscular Injection Arm

Item No.: JY/H-1003

Features:

1. Injection, blood transfusion, hemospasia and deltoid intramuscular injection can be performed;
2. The skin can be replaced.



Full-functional IV Training Arm

Item No.: JY/H-1004

Features:

1. The peristaltic pump can simulate blood circulation;
2. Lifelike arm reproduction with multi-vein system designed for peripheral intravenous therapy and deltoids intramuscular injection.



Artery Puncture & Intramuscular Injection Training Arm

Item No.: JY/H-1005

Features:

1. Lifelike adult male arm reproduction with infusible arteries designed for training the proper arterial puncture procedure for blood gas analysis;
2. Deltoid intramuscular injection.



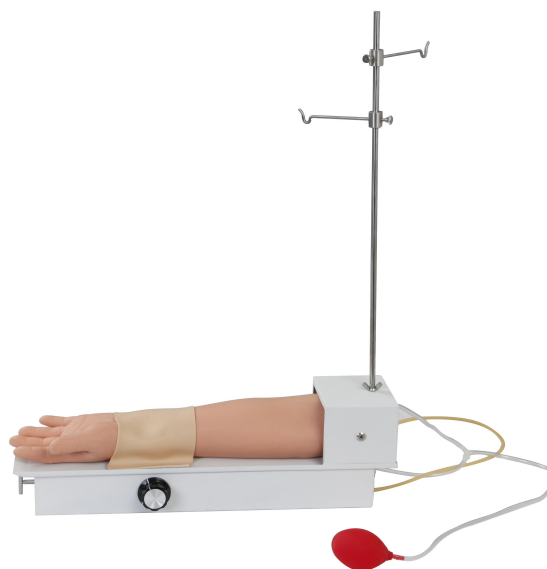
Arterial Arm Stick Kit

Item No.: JY/H-1006

Features:

The model can simulate artery haemospasia, artery injection and artery transfusion under the simulative arterial blood pressure. It can be rotated through mechanical device, which can move the damaged artery and avoid vascular leakage after puncturation. So the operation training can be repeated. It is suitable for medical college, nursing academy, health school and clinic workers to teach and exercise artery puncture .Rotate the radial artery if the simulative arterial blood is damaged. Wrist skin and blood vessel can be replaced if they are damaged .

1. Radial artery arm model, provide trainings, of artery haemospasia, artery injectionAndtransfusion, etc;
2. Squeeze the air ball to simulate the arteriopalmus into real arterial blood pressure;
3. There is obvious feeling when needle penetrates into the artery, and blood flash back indicates proper insertion;
4. The damaged radial artery site can be rotated through mechanical device.





Artery Puncture Hand (Arterial Blood Gas Analysis)

Item No.: JY/H-1007

Features:

1. Consists of a hand model and an electronic blood circulation device, which features real flow of simulative blood, palpable radial artery and real touch feeling. Pulse rate and strength is adjustable.
2. Relical of asian adult male's left hand with obvious bony landmarks and soft skin made from imported thermoplastic material;
3. Palm upward, there will be "Pop" feeling when needle penetrates into the artery and simulative blood will flow back when venepuncture, drawing blood, transfusion is properly done with radial artery.

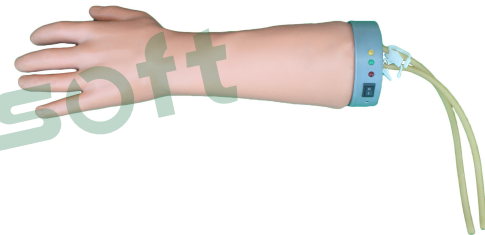


Electronic IV Training Hand

Item No.: JY/H-1009

Features:

1. With reasonable structure, realistic operation and durability, the model provides a good training tool of injection, hemoaspasia and blood transfusion;
2. The alarm instrument will indicate whether the operation is correct.



IV Training Hand

Item No.: JY/H-1010

Features:

1. With reasonable structure, realistic operation and durability, the model provides a good training tool of injection, hemoaspasia and blood transfusion.
2. The model can be used repeatedly.



Electronic Upper Arm Intramuscular Injection Model

Item No.: JY/H-1013

Features:

1. The model to wear on the students shoulder, suitable for two students a group exercise: one acts as a nurse, the other acts as a patient.
2. Simulation adult shoulder and upper structure, design exquisitely deft, and closer to the real environment. Skin texture is very realistic, the needle is not obvious.
3. Model of anatomical precision, injection location are red light shows depth is deep and electronic alarm prompt.
4. Allow liquid injection simulation.

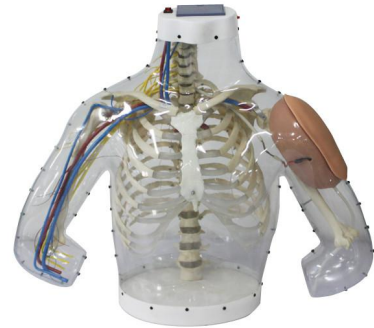


Upper Arm Intramuscular Injection and Contrastive Simulator

Item No.: JY/H-1014

Features:

1. The right upper-arm is transparent and nerve and vessels can be seen.
2. Red light and sound will alarm if injection is too deep or the position is wrong.
3. If needle touch the nerve, the indicating light will turn on and alarming sound will appear.
4. If the injection position is right, the green light will turn on.



Venipuncture & Injection Training Arm

Item No.: JY/H-1015

Features:

1. The arm adopts rotary type in order to turn it conveniently.
2. The stand is fixed on the board.
3. Eight venous vessel, lifelike human structure.
4. Injection, blood transfusion, hemoaspiration and deltoid intramuscular injection can be performed.



Intradermal Injection Arm

Item No.: JY/H-1017

Features:

1. There are eight positions for intradermal injection.
2. Every position can be injected for hundred times.



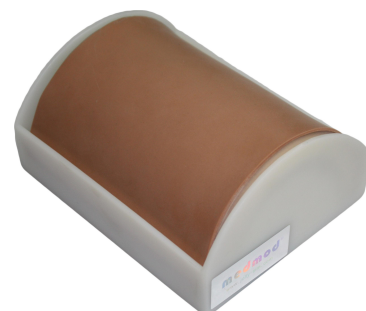
Intramuscular Injection Model

Item No.: JY/H-1018

Features:

1. The model is divided into three layers: skin, subcutis and muscle.
2. A wearable design makes it a convenient simulator for training.
3. With features of lifelike shape, realistic touch and it is suitable for three kinds of injection skills training: intradermic injection, hypodermic injection and intramuscular injection.

JY/H-1018F Intramuscular Injection Kit (3pcs/kit)





Intramuscular Injection Model

Item No.: JY/H-1019

Features:

1. This model consists of skin, muscle layer.
2. Wearable design makes it a convenient simulator for training injection.

JY/H-1019F Intramuscular Injection Kit (5pcs/kit)



Elder Venipuncture Training Arm

Item No.: JY/H-5020

Features:

1. Simulate Asian elderly male right arm, elbow joint is slightly external rotation, thin skin, not very clear blood vessel.
2. Fine anatomical structure, with cephalic vein, basilica vein, medical cubital vein; all vessels can puncture.
3. Provide training of puncture, infusion and haemospasia, etc. Puncture resistance can be felt during puncturing, there is obvious feeling when needle penetrates into vein, and simulated blood flash back indicates correct puncture.

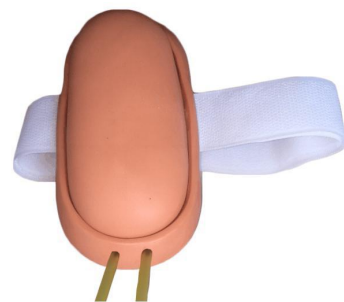


Forearm Venipuncture Model

Item No.: JY/H-1021

Features:

1. This model is a wearable set.
2. The simulator can be used for injection training, infusion training, blood transfusion and haemospasia training.



I.V. Injection Pad

Item No.: JY/H-1023

Features:

1. Several vessels built in the pad with different diameters, which can be used for injection;
2. The skin is realistic and the needle hole is not apparent.

JY/H-1023F IV Injection Kit (3 big & 3 small)



Insulin Injection Training Pad

Item No.: JY/H-1025

Features:

1. The pad is made of imported plastic material with soft and elastic skin and cloth.
2. It can be worn in the specific site of the patient for self-injection of insulin drug, such as: abdomen, thigh, upper arm, etc. The length and tightness can be adjusted., and the thickness of the pad is suitable for different specifications of injection syringe.
3. The hard plate in the back would prevent wearing situation of pad.



Venepuncture Foot

Item No.: JY/H-1026

Features:

1. Replica of adult foot with complete veins system. The skin and vessels are supple.
2. Same site of veins and skin allows multiple repeated puncture training without leakage.
3. Veins and skin are replaceable.



Electronic Buttocks Injection Training Model

Item No.: JY/H-1028

Features:

1. Comes with alarm function:
 - A. For proper puncture (correct site and depth), green light on;
 - B. For wrong puncture (incorrect site), red light on with alarm;
 - C. For puncture with correct site but excessive depth, green and red lights with alarm.
2. This model can be worn on.

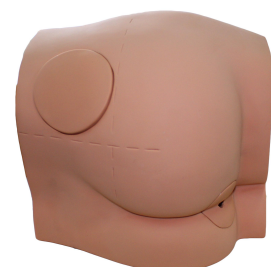


Buttocks Intramuscular Injection Model

Item No.: JY/H-1029

Features:

1. There's a mark to show the right position for injection.
2. The inject pad can be taken out for replacement.





Buttocks Intramuscular Injection and Contrastive Simulator

Item No.: JY/H-1030

Features:

1. The transparent left side of the model shows internal structure including bones, muscles, nerves and veins, facilitating to compare left side with right side and avoiding damaging the nerves and veins.
2. Correct intramuscular injection sites can be palpated.
3. A buzzer and two color flashing lights will warn students if the needle position is incorrect.

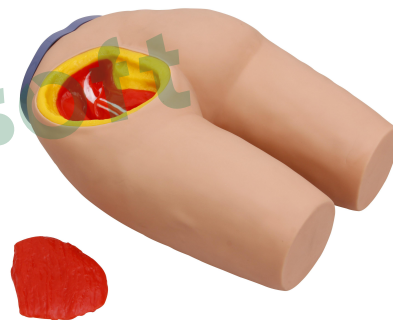


Buttocks Intramuscular Injection & Anatomic Structure Simulator

Item No.: JY/H-1031

Features:

1. Structure of left gluteal: osteal marks, gluteal muscles, ischiadic nerve and veins
2. Left gluteal can be taken off. So it is easy to observe internal structure and make sure position of ischiadic nerve and veins.
3. Gluteal intramuscular injection training.

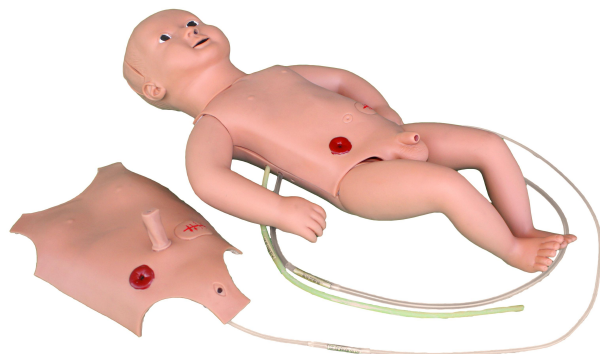


Infant Nursing Manikin

Item No.: JY/H-301

Features:

1. Head, neck and limbs can be moved freely. Interchangeable infant girl chest skin and infant boy chest skin;
2. Cephalic venipuncture;
3. Umbilical venipuncture;
4. Oral and nasal intubation nursing;
5. Care of gastrolavage, enema and urethral catheterization;
6. Ostomy;
7. Deltoids and buttocks intramuscular injection;
8. Holistic nursing: sponge bath, replacing clothes, lactation and diaper changing.



Full Functional Infant Nursing Manikin

Item No.: JY/H-300

Features:



1. Designed according to infant anatomical structure, which features skin softness, real touch feeling, flexible joints and supports all kinds of nursing operations;
2. General care: diapers replacement, clothes wearing and changing, oral care, cold and hot therapy, binding up;
3. Venipuncture/ transfusion: arm veins include right arm cephalic vein and superficial dorsal vein; Scalp vein includes posterior auricular vein and superficial temporal vein. There will be "Pop" feeling when the needle penetrates into the vein, and simulative blood backflow means successful puncture. Same site of the skin and vessels allows multiple repeated puncture training.
4. Comes with realistic mouth, nose, tongue, throat, esophagus and trachea, supports trachea cannula via mouth, tracheotomy care and oxygen inhalation, etc.
5. Gastric intubation: used for gastrointestinal decompression, nasal feeding and gastric lavage.
6. Subcutaneous injection at bilateral deltoids, and intramuscular injection at vastus lateralis muscle and gluteus maximus.
7. Bone marrow puncture: puncture via tibia, where allows medicine injection and transfusion.
8. Pulse: manually squeeze the bulb to simulate neonatal artery pulses including carotid pulse, brachial artery pulse and femoral artery pulse.
9. CPR: support multiple ventilation ways: mouth to mouth, mouth to nose, BVM to mouth; electronic monitoring of insufflation volume, compression depth; insufflation or compression can be trained separately.
10. Auscultation: heart sounds, breath sounds and bowel sounds.
11. Defibrillation and pace-making: simulate defibrillation and pace-making, can be used with different real defibrillator and pacemaker to achieve the real defibrillation and pace-making.
12. ECG: simulate ECG monitoring, can be used with different real ECG monitor to achieve real ECG monitoring.

	Nursing	CPR	Auscultation	Defibrillation	ECG
JY/H-300	√	√			
JY/H-300A	√	√	√		
JY/H-300B	√	√	√	√	√



Full Functional Neonatal Nursing Manikin

Item No.: JY/H-400

Features:



1. Designed according to neonatal anatomical structure, which features skin softness, real touch feeling, flexible joints and supports all kinds of nursing operations;
2. General care: diapers replacement, clothes wearing and changing, oral care, cold and hot therapy, binding up;
3. Venipuncture/ transfusion: arm veins include right arm cephalic vein and superficial dorsal vein; Scalp vein includes posterior auricular vein and superficial temporal vein. There will be "Pop" feeling when the needle penetrates into the vein, and simulative blood backflow means successful puncture. Same site of the skin and vessels allows multiple repeated puncture training.
4. Umbilical cord care: ligation of umbilical cord, umbilical venous intubation and transfusion;
5. Gastric intubation: used for gastrointestinal decompression, nasal feeding and gastric lavage;
6. Teaching demonstration of trachea cannula via mouth and oxygen inhalation;
7. Bone marrow puncture: puncture via tibia, where allows medicine injection and transfusion.
8. Pulse: manually squeeze the bulb to simulate neonatal artery pulses including right brachial artery pulse, right femoral artery pulse and umbilical artery.
9. CPR: support multiple ventilation ways: mouth to mouth, mouth to nose, BVM to mouth; electronic monitoring of insufflation volume, compression depth; insufflation or compression can be trained separately.

	Nursing	CPR	Auscultation	Defibrillation	ECG
JY/H-400	√	√			
JY/H-400A	√	√	√		
JY/H-400B	√	√	√	√	√

Neonatal Umbilical Cord Nursing Manikin

Item No.: JY/H-402

Features:

1. Replica of a full-body baby girl with flexible head and limbs;
2. Realistic umbilical cord with umbilical vein and artery;
3. Umbilical cord ligation and nursing, realistic touch feeling, the enough length of umbilical cord can be used continually;
4. Neonatal basic nursing: lactation, sponge washing, wearing clothes, changing diapers.



Child Venipuncture Arm

Item No.: JY/H-2033

Features:

1. Simulate the arm of a child.
2. Lifelike arm reproduction with multi-vein system designed for peripheral intravenous therapy.



Child Artery Puncture Arm

Item No.: JY/H-2034

Features:

1. Replica of a child hand;
2. Manually squeeze the bulb to simulate the radial pulse and fix the injection site.
3. Supports radial artery puncture, haemospasi and tranfusion, and there will be obvious "Pop" feeling when the needle penetrates into the artery, and blood backflow indicates proper puncture.



Full Body Infant Venipuncture Manikin

Item No.: JY/H-3032

Features:

1. Scalp vein (brow scalp veins, superficial temporal veins) puncture, venous injection, infusion and metachysis.
2. The median basilic vein on the right and left arm
3. Right leg-femoral vein.
4. Right leg-great aphenous and small aphenous veins.
5. Umbilical vein.
6. There is obvious feeling when needle penetrates into the veins, blood flashback indicates proper insertion.
7. Veins and Skin can be acupunctured repeatedly, these operations won't cause leaks.



Infant Scalp Vein Injection Model

Item No.: JY/L-3033

Features:

1. Replica of an infant head and shoulder part, with main cephalic veins on the right side of the head.
2. Supports scalp vein injection, transfusion (blood) and haemospasia.



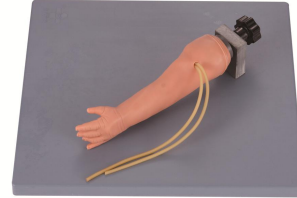


Infant Venepuncture Arm

Item No.: JY/H-3034

Features:

1. Used for vein puncture and vena superficialis transfusion training.
2. The vein of elbow and arm can be punctured.
3. There's obvious feeling when needle penetrates into the skin; blood flashback indicates proper insertion.

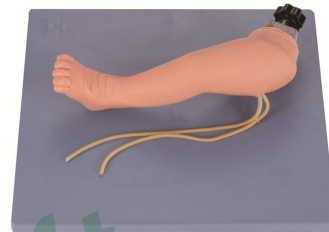


Infant Venipuncture Leg

Item No.: JY/H-3035

Features:

1. There is obvious feeling when needle penetrates into the vein. And blood flash back indicates proper insertion.
2. Provide trainings of instep venipuncture, great saphenous venipuncture, small saphenous venipuncture and heel puncture.



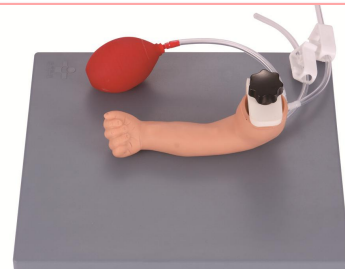
Infant Arteriopuncture Arm

Item No.: JY/H-3036

Features:

Life size of infant left arm and obvious osteal identification marker

1. Simulate radial artery pulse by pulse bulb manually, and confirm the injection site;
2. Provide trainings of Radial artery puncture, haemospasia, transfusion; there is obvious feeling when needle penetrates into the vein, and blood flash back indicates accurate insertion.



Variola Lesion Modules

Item No.: JY/H-3039

Features:

1. Shows skin reactions after smallpox virus infection
2. Made from high polymer material, environmental protection and high simulation.
3. Three clinical stages: prodromal stage, eruption period and crusted period.
4. Can be used with other models.



Teeth Care Model

Item No.: JY/H-001

Features:

1. The model can be used for the training of tooth brushing, dental floss care, Etc.
2. Enlarged 5 times and total 28 teeth.



Wearable Elder Action Simulation Suit

Item No.: JY/H-5001

Features:

1. Designed basing on the physiological changes of old people, fine and environmental material, washable;
2. Be able to wear "Simulated Elderly Action Suit" to experience old people's life and the aging feeling of the specific part of the body, and provides better understanding for old people's feeling.
3. Adjustable cured angel of the back and body.



Hemiparesis Nursing Simulation Suit

Item No.: JY/H-5002

Features:

1. Designed according to the physiological changes of hemiparalysis patient, fine and environmental material, washable
2. Experience left-right hemiparalysis
3. Stiff joints because of fixation by the restriction device, and tightness of rubber band can be adjusted.
4. Trainer can experience the importance of crutches
5. Shoes are designed for old and disable people, portable and antiskid.



Multi-functional Training Arm

Item No.: JY/H-1300

Features:

1. Replica of an adult arm with realistic touch feeling;
2. Available practice for venepuncture, transfusion (blood), hemoaspasia, intramuscular injection and surgical interventions, etc.
3. Supports hemodialysis.

