

GD/H128 Advanced Nursing Training Manikin

The system is designed according to the latest nursing curriculum for clinical nursing training. The system consists of a full-body male manikin, vital signs simulator, non-invasive simulator, with basic nursing and advanced nursing, including non-invasive BP, auscultation heart sound, respiration sound, bowel sound, simulate carotid artery pulse etc.

Features of ECG simulator :-

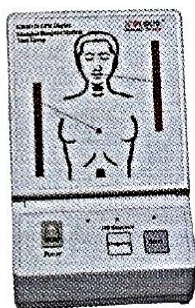
GD/SM900 Vital signs simulator includes "Auscultation, ECG teaching special chest skin" "Auscultation Abdominal skin", vital signs simulator, simulative electronic auscultator, DC9V external power adapter, etc.

1. 17 kinds of ECG (e.g. :sinus heart rhythm, unifocal PVC, coupled PVC, atrial flutter, etc.)
2. 17 kinds of patient voice (e.g.: cough, vomit, etc.)
3. 42 kinds of common heart sound (e.g. : common Heart sound, sinus tachycardia, ventricular septal Defect, etc.)
4. 24 kinds of respiration sound (e.g. bronchovesicular Breathing sound, egophony, coarse rales, etc.)
5. 4 kinds of bowel sound (e.g. : normal bowel sound, decreased bowel sound, blood murmur, etc.)
6. Large-screen LCD display, vivid and direct-viewing user Interface, easy to operate
7. Auscultation part adopts simulative electronic Auscultator and RFID labelling technique.
8. Volume is divided into 5 levels, each can be adjusted
9. individually.
10. For auscultation teaching, can connect to voice box, can also connect earphone to play the designated auscultation sound ; Flexible power supply choice : DC9V external power Adapter or 6pcs #5 battery
11. Power saving function : If there is no keying operation within 30 seconds, the LCD backlight would turn off; re-keying operation would turn on backlight

Trauma Evaluation and Nursing Modules :

1. Breast section and wound suturing care
2. Chest wall section and wound suturing care
3. Abdominal wall section and wound suturing care.
4. Closed drainage of thoracic cavity care
5. Drainage of cavitas pericardialis care
6. T-tube drainage care
7. Abdominal draining care
8. Pneumothorax puncture care
9. Thigh trauma incision and wound suturing care
10. Thigh skin laceration care
11. Thigh infective ulcer care
12. Varix of lower limb and ulcer care
13. Foot sphacelus, crushing injury of the first, second, third toe and heelstick care
14. Amputation stump of upper arm and wound nursing
15. Amputation stump of leg and wound nursing
16. Wearable pressure sore care.

GD/H128

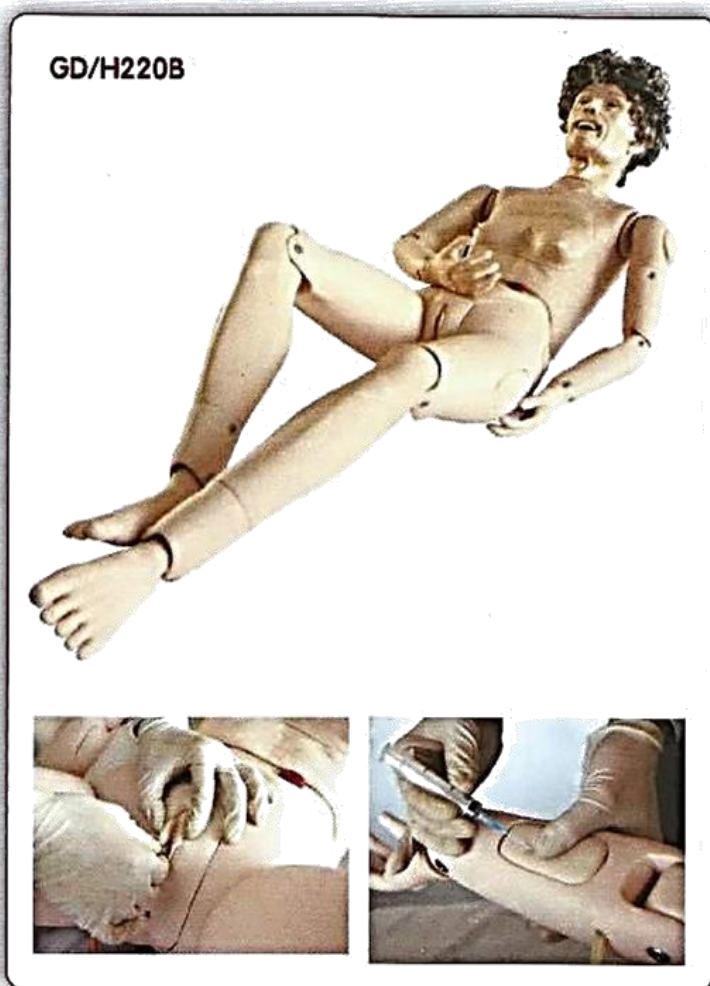


GD/H220B Full-functional Elderly Nursing Manikin (Unisex)

The manikin is designed according to the physiological characteristic of male/female old people for basic clinical nursing training. The product consists of full-body male/female elderly manikin and non-invasive blood pressure simulator; with about 50 kinds or nursing functions, 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 during the nursing process.

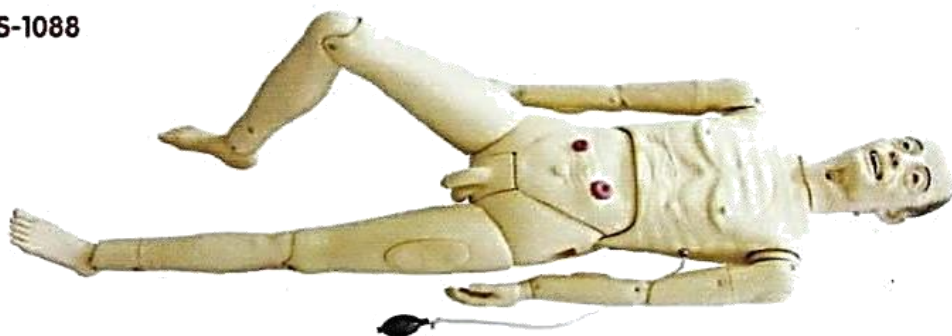
Basic nursing functions:

1. Hair and face washing
2. Pupil observation, Bilateral pupil states; normal, mydriasis
3. Eye and ear washing and administering
4. Removal and insertion of hearing aid
5. Oral cavity and artificial teeth care
6. Endotracheal intubation, automatically monitor whether the tracheal intubation is correct or not through sensor, support auscultation to detect intubation site
7. Incision of trachea nursing
8. Sputum suction
9. Oxygen inhaling
10. Oral and nasal feeding
11. Gastrolavage
12. Venipuncture, injection, transfusion (arm)
13. Deltoid subcutaneous injection
14. Vastus lateralis injection
15. Thoracic cavity, abdominal cavity, liver, bone marrow and lumbar puncture
16. Breast nursing, mammary gland examination
17. Enema
18. Male / Female urthral catheterization
19. Male / Female bladder irrigation
20. Stoma drainage
21. Colostomy
22. Buttocks intramuscular injection
23. Large area of sacral ulcer
24. Cancer tumor contrast
25. Cleavage lines contrast
26. Holistic nursing: sponge bath, replacing clothes, cold and hot therapy
27. Realistic limbs joint, stiff simulative joints, truck may lean forward, can sit it the wheelchair
 - 1) Truck - rotation, flexibility
 - 2) Neck - rotation, flexibility, lateral curvature
 - 3) Shoulder and buttock - endoduction, abduction rotation, flexibility
 - 4) Elbow - internal rotation, external rotation
 - 5) Knee - internal rotation, external rotation
 - 6) Wrist - internal rotation, flexibility, stretching, bending
 - 7) Ankle - introversion, eversion, endoduction, abduction
28. Non-invasive blood pressure measurement
 - 1) Systolic and diastolic pressure may be set individually in steps of 1 mmHg
 - 2) Systolic pressure 0-300mmHg, diastolic pressure 0-300Hg
 - 3) Korotkoff sound volume in ten steps, 0-9
29. Diabetes foot nursing



NS-1088 Multi Functional Elder Nursing Manikin

NS-1088



- Elder people manikin realistic body characteristics
- Flexible limbs
- Catheterization
- (male/female exchangeable)
- Gastric tube
- Gastric lavage
- Atomizing inhalation therapy
- Prostate examination
- Breast care
- Enema, stoma fistula, tracheotomy

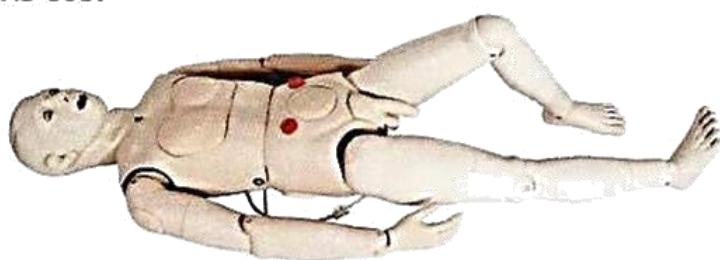
GD/H120A Advanced Nursing Training & Wound Care Manikin (Unisex)

This Advanced Nursing and Wound care model is a full-body lifelike manikin, which is specifically designed for professional nursing training. This high quality manikin will provide a wide range of possible exercises including both first aid and emergency situations.

GD/H120A

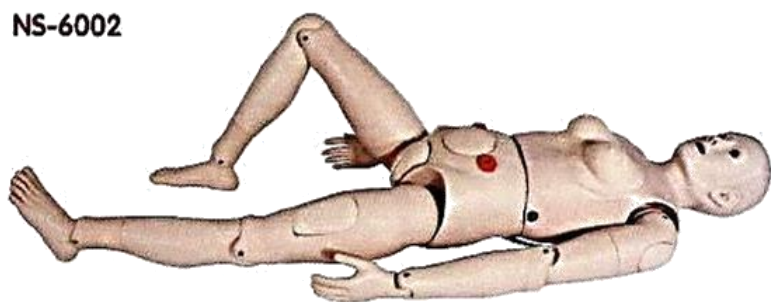
**NURSING SKILLS**

1. Head care: hair washing, face washing
2. Irrigation of the eyes and ears
3. Oral cavity care
4. Oral cavity and nasal cavity intubation
5. Oxygen inhaling
6. Oral and nasal feeding
7. Lavage
8. Organs structure of thorax
9. Venipuncture and injection, transfusion
10. Deltoid injection
11. Puncture of thorax, abdominal cavity, liver, medulla and lumbar
12. Enema
13. Urethral Catheterization for male and female
14. Irrigation of bladder for male and female
15. Ostomy irrigation
16. Gluteus injection
17. Organs structure of abdominal cavity
18. General care, bed bathes, dressing and undressing
19. Wound care: disinfection, dressing change, binding, hemostasia
20. Trauma parts;
 - a. The suturing care for the wound on the chest wall
 - b. The suturing care for the wound on the abdomen
 - c. The suturing care for the wound on the thigh
 - d. The care for the bruise of the skin of thigh
 - e. The care for the infectious ulceration
 - f. The care for the foot gangrene
 - g. Wound of forearm amputation
 - h. Wound of calf amputation

NS-6001 Multi-Functional Nursing Simulator (Male)**NS-6001**

Designed according to the demand of the clinical principles and the guidelines of nursing training. This multifunctional simulator could simulate an actual circumstance for practice. Multiple functions, rural practice, easy assembly, well shaped appearance and correct anatomical landmarks provides a very good training for practice.

- | | |
|---|---|
| 1. Head Care | 9. Intravenous Injection |
| 2. Body care | 10. Intramuscular Injection |
| 3. Patient moving | 11. Hypodermic Injection |
| 4. Different lying pose | 12. Various fistulae orifice washing practice |
| 5. Bilateral and Unilateral oxygen inhalation | 13. Male Catheterization |
| 6. Atomization inhalation therapy | 14. Male Bladder Washing |
| 7. Nasal Feeding | 15. Enema Treatment |
| 8. Gastric lavage training | 16. Simulator Assembly |

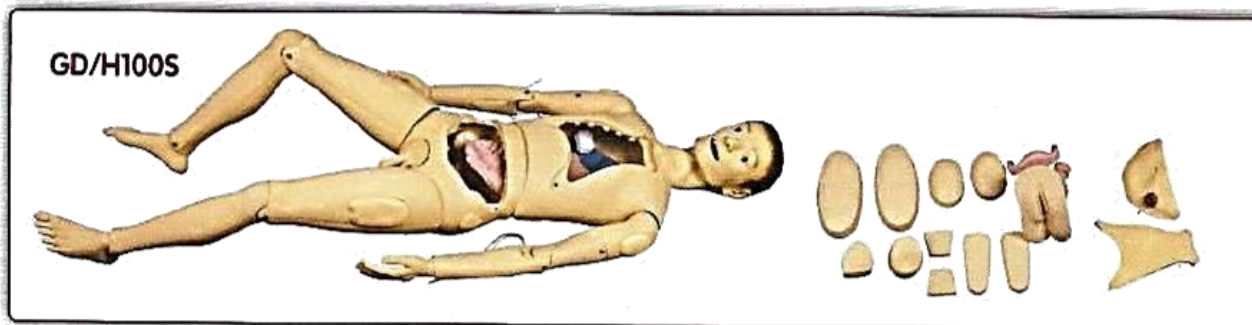
NS-6002 Multi-Functional Nursing Simulator (Female)**NS-6002**

Designed according to the demand of the clinical principles and the guidelines of nursing training. This multifunctional simulator could simulate an actual circumstance for practice. Multiple functions, rural practice, easy assembly, well shaped appearance and correct anatomical landmarks provides a very good training for practice.

- | | |
|---|---|
| 1. Head Care | 9. Intravenous Injection |
| 2. Body care | 10. Intramuscular Injection |
| 3. Patient moving | 11. Hypodermic Injection |
| 4. Different lying pose | 12. Various fistulae orifice washing practice |
| 5. Bilateral and Unilateral oxygen inhalation | 13. Female Catheterization |
| 6. Atomization inhalation therapy | 14. Female Bladder Washing |
| 7. Nasal Feeding | 15. Enema Treatment |
| 8. Gastric lavage training | 16. Simulator Assembly |

GD/H100S Nursing Training Manikin (Unisex)

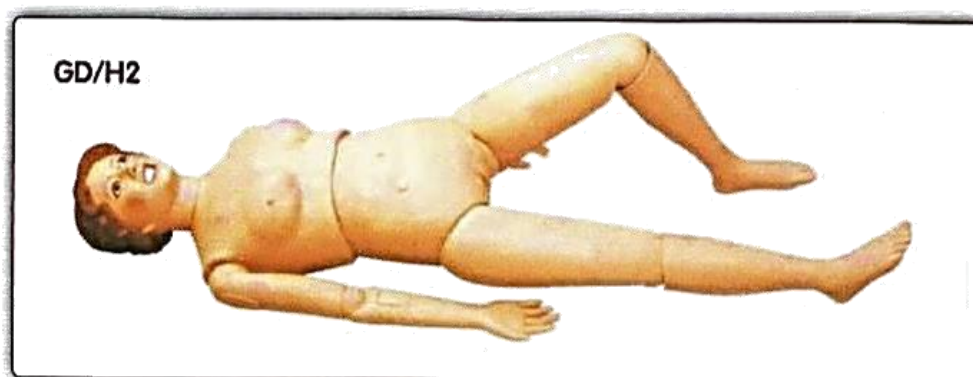
This full-body lifelike manikin is specifically designed for professional nursing training. This high quality manikin will provide wide range of exercises possible including both first aid and emergency situations.

**Features:**

- | | |
|--|---|
| 01. Hair and face washing | 13. Thoracic cavity, abdominal cavity, liver, bone marrow and lumbar puncture |
| 02. Eye and ear washing and administering | 14. Enema |
| 03. Mouth cavity and artificial teeth care | 15. Female urethral Catheterization |
| 04. Endotracheal intubation | 16. Male urethral catheterization |
| 05. Sputum suction | 17. Female bladder irrigation |
| 06. Oxygen inhaling | 18. Male bladder irrigation |
| 07. Oral and nasal feeding | 19. Ostomy |
| 08. Gastrolavage | 20. Buttocks intramuscular injection |
| 09. Main organs in thoracic cavity | 21. Main organs in abdominal cavity |
| 10. Venipuncture, injection, blood transfusion (Arm) | 22. Holistic nursing care: sponge bath, replacing clothes |
| 11. Deltoid subcutaneous injection | |
| 12. Vastus lateralis injection | |

GD/H2 Multi-Functional Basic Nursing Manikin (Female)

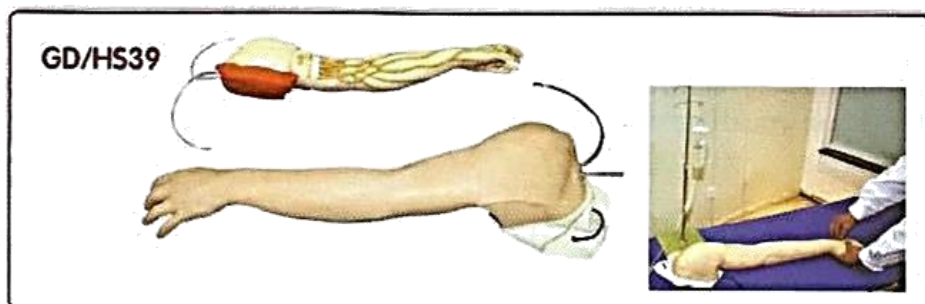
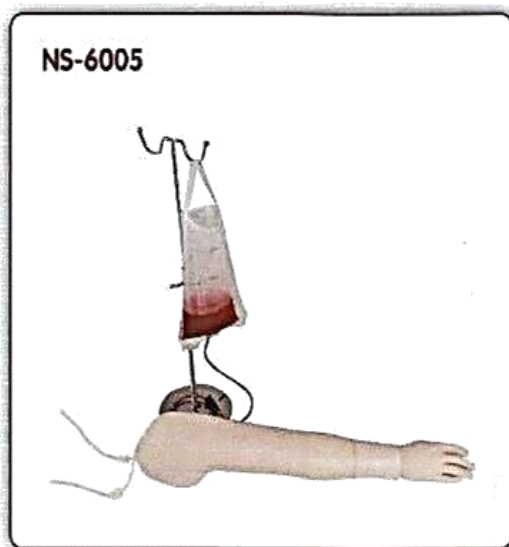
This Nursing Manikin can demonstrate the following Basic Nursing Skills.

**Features:**

- | | |
|---|--------------------------------------|
| 01. Hair and face washing, hair combing and sponge bath | 12. Chest drainage |
| 02. Mouth cavity care | 13. Abdominal drainage |
| 03. Endotracheal intubation | 14. Bone marrow puncture |
| 04. Oxygen inhaling | 15. Lumbar puncture |
| 05. Nasal feeding | 16. Deltoid subcutaneous injection |
| 06. Gastrolavage | 17. Venipuncture injection |
| 07. Intracardiac injection | 18. Blood transfusion (Arm) |
| 08. Closed chest cardiac resuscitation | 19. Vastus lateralis injection |
| 09. Pneumothorax | 20. Female urethral catheterization |
| 10. Breast Care | 21. Female bladder irrigation |
| 11. Liver puncture | 22. Buttocks Intramuscular Injection |

GD/HS39 Full-functional Vein Injection Arm**Complete Venipuncture Arm:**

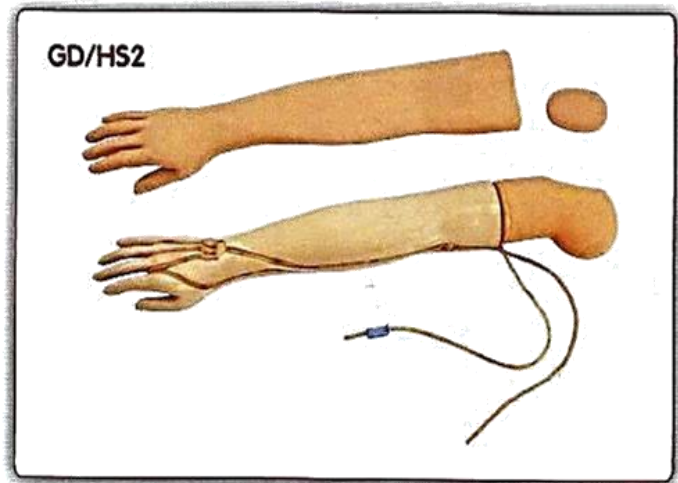
1. Venous access: Basilic V Cephalic V Digital V Dorsal Metacarpal V Median Basilic V Accessory Cephalic V Extensive venipuncture system Median Antebrachial V Median Cephalic V Median Cubital V Thumb V
2. This revolutionary training arm provides complete venous access for IV therapy and phlebotomy, plus sites for intramuscular and intradermal injections. An extensive 8-line vascular system allows students to practice venipuncture at all primary and secondary locations, including starting IVS and introducing OVER the Needle IV Catheters. The venous system simplifies setup with only one external fluid bag supplying artificial blood to all veins simultaneously. The dorsal surface of the hand includes injectable metacarpal, digital and thumb veins. The antecubital fossa includes the median cephalic, median basilic and median cubital veins. Venipuncture can also be performed along the basilica, cephalic, accessory cephalic and median antebrachial veins. Intramuscular injection may be performed in the deltoid muscle and intradermal injection sites are located in the upper arm. Intramuscular injections into the deltoid muscle are enhanced by the soft, lifelike skin and by the natural bony landmarks in the region. Intradermal injections using distilled water will create characteristic skin welsat designated sites on the upper arm.
3. The realism of the Advanced Venipuncture and Injection Arm is truly amazing. The soft, flexible fingers are molded separately with extreme attention paid to every detail-right down to the fingerprints! Flexion of the wrist helps students to develop manipulate skills. The replaceable skin rolls as the veins are palpated and a discernable "pop" is felt when entering the veins. The molding process reproduces the fine details of the skin to make the arm look and feel alive. Valves in the veins can be seen and palpated on the skin surface.
4. Simulated veins and skins are completely replaceable to keep this training arm looking and working like new. Under normal use, hundreds of injections may be performed before the veins or skins need to be replaced. Complete replacement kits are available and easy to use. To extend the life of the veins and aerosol sealant is available to seal punctures and prevent leakage.

**NS-6005 Multi-Functional Intravenous Injection Arm Model**

- The simulator simulates an adult arm, with veins and arteries attached inside. The durable material helps to make a very good skin-touch feeling. The anatomical landmarks are correct.
- Various Intravenous injection training could be practiced through the veins attached to this simulator, including cephalic vein, basilic vein, median cubital vein, median antebrachial vein, and dorsal venous rete of hand.
- Intramuscular and hyperdermic Injection Training could be practiced in the deltoid area.
- The sleeve in upper arm provides various injection positions for practice.

GD/HS2 Multi-Functional IV Training Arm

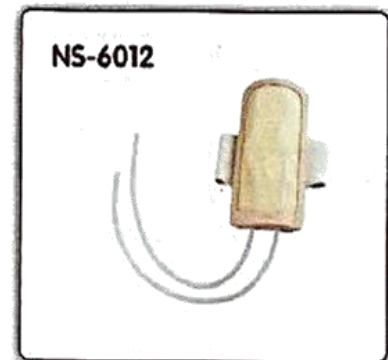
This Adult Vein Puncture and Injection Training Arm has all the 8 vena of the vascular system of the arm. It helps to provide a good training of injection, infusion and phlebotomization. This model can provide a real life like feel when the students practice on it.

**GD/HS8 Child IV Training Arm****Features:**

1. Simulate the arm of child (4 years old)
2. Lifelike arm reproduction with multi-vein system designed for peripheral intravenous therapy.

**NS-6012 Forearm Pad For Intravenous Injection**

- Wearable design
- Replaceable skin and blood vessel
- Venipuncture
 - ✦ I.V., transfusion, blood sampling, etc.
 - ✦ Realistic feedback, blood backflow
 - ✦ Repeating practice on same spot

**NS-6016 Intradermal Injection Pad**

- 30 injection spots
- Plastic stand
- Intradermal injection
 - ✦ Realistic feedback, similar to negative result in skin test
 - ✦ Allow repeating practice

**NS-6018 Multi-Functional Injection Pad**

- Rotation design allow shift used part away and increase use life of the model
- Plastic base
- Intramuscular injection
- Intradermal injection : realistic skin test feedback
- Hypodermic injection



GD/FT1 Newborn Baby

This model is made of PVC material and developed by moulding method. It has realistic shape and reasonable structure and high durability.

GD/FT1**GD/FT4 Newborn Baby Model**

This model is made of PVC material and developed by moulding method. It has realistic shape and reasonable structure and high durability.

GD/FT4**XC-409 Newborn Model**

The size and configuration of this model is almost same as the normal newborn baby. The head, upper limbs, lower limbs and all joints are flexible. It can demonstrate the characteristic of the newborn baby and all kinds of operations in clinical education : includes different parturition method, newborn baby bath etc. Made of soft PVC plastic.

XC-409**XC-409A A New Style New Born (Baby Model)**

The size and configuration of this model is almost as same as the normal newborn baby. The head, upper limbs, lower limbs and all joints are flexible. It can demonstrate the characteristic of the newborn baby and all kinds of operations in clinic education includes different parturition method, newborn baby bath etc. Made of soft PVC plastic.

XC-409A**GD/A42008 Fetus with Viscus and Placenta**

The models shows a female fetus at the end of the pregnancy with placenta and umbilical cord, separated into 13 parts as follows:

Placenta, umbilical cord, abdominal cover, 2 pcs of lungs, 2 pcs of hearts, thymus, diaphragm, liver, stomach, intestine and body.

Material: Advanced PVC and painted with imported paint.

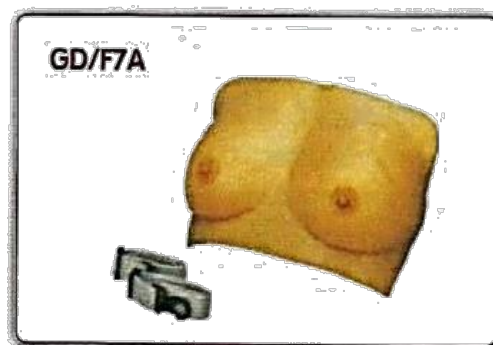
GD/A42008

GD/F7A Breast Examination Model**Functionality characteristic :**

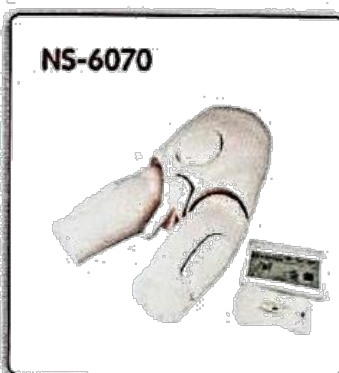
Palpation of galactophore malignant tumor, innocent tumor, lymphaden and lobulus accrementition.

Material characteristics :

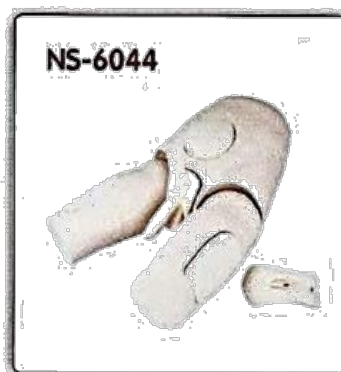
1. Imported thermoplastic.
2. Lifelike shape, skinny, pleasant to touch, durable, Ametabolic under disinfections and cleanout, convenient delivery.

**GP-6620 Breast Inspection Model**

Breast model is implanted with innocent tumour and malignant tumor, allow to practice diagnosing according to the position, size, texture and movement. Model has realistic appearance and precise anatomical structure for inspection practice

NS-6070 Electronic Catheterization & Enema Model with monitor (Unisex)

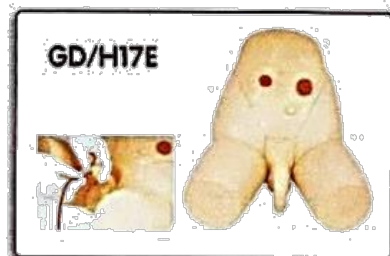
- Model is adult lower abdomen with genitals (male/female exchangeable)
- Electronic box monitoring and indicating catheterization practice
- Enema practice

NS-6044 Gender Exchangeable Catheterization Model (Unisex)

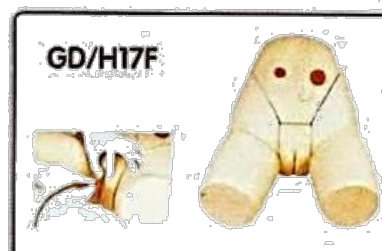
- Lower adult body, flexible position
- Precise anatomical structure
- Male/female exchangeable
- Buttock injection
- Insulin injection
- Cystostomy nursing

GD/H17E Male Catheterization Training Simulator

- Features:**
1. General urethral Catheterization process can be operated.
 2. There is resistance when advancing the catheter through mucosal fold, bulb of urethra and intra urethral sphincter.

**GD/H17F Female Catheterization Training Simulator**

- Features:**
1. General urethral Catheterization process can be operated.
 2. There is resistance when advancing the catheter through urethral sphincter.



GD/ACLS 10800 Adult Advanced Cardiac Life Support Training Manikin

The product adopts imported environmental material. The system consists of manikin, large screen colored display, simulative AED, remote controller, can act a serial of emergency means, such as : CPR, tracheal intubation, real defibrillation and pacing, simulative defibrillation and pacing, ECG study and assessment, etc. It provides a simple and practical ACLS training tool for emergency physicians.

Implement standard : AHA (American Heart Association) 2010 guideline for CPR and ECC

Features :

1. Bilateral pupils contrast observation: normal, mydriasis, simulate carotid pulse.
2. Airway management ; standard oral and nasal intubation supporting open airway by head tilt and jaw thrust, there is alarm warning if pressure is exerted on teeth.
3. CPR: can be artificial respiration and chest compressions, operation type: one or more training, full English prompts, the standard open airway, instantaneous displaying graphics of data, statistics report sound directions related to CPR.
4. Simulating of a patient: the changes of pupils and carotid ; the sounds of respiratory, moan, cough and vomit, more than 16 kinds of rhythm (access to 3/4 lead ECG monitoring) unilateral or bilateral bronchial obstruction ; laryngospasm simulation.
5. Intravenous infusion and blood pressure measure training
6. Real defibrillation and pacing ; can be used with different kinds of defibrillator and Pacemaker, can perform real defibrillation and pacing.
7. Pre-hospital emergency evaluation module
8. Medicine box ; coordinate with emergency operation
9. ECG Inspection

Alternative accessories : (To be purchased alongwith the manikin, if required)

1. Rescue console
2. Trauma modules of limbs

Standard components

1. ACLS computer screen
2. Standard manikin
3. Infrared remote controller
4. GD/HS7 advanced BP measuring unit
5. Airway management component
6. Simulation of drug delivery devices

Optional accessories :

GD/AED99F Automatic
External Defibrillation
Machine
Real ECG monitor

GD/ACLS 10800



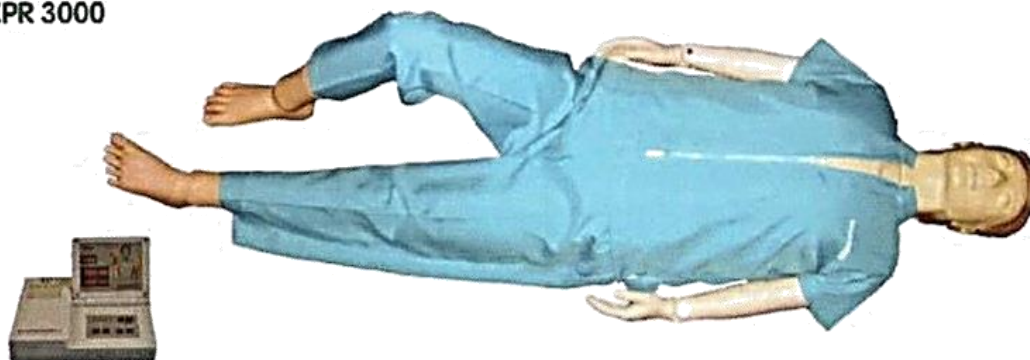
GD/CPR 10280 Advanced CPR Training Manikin with Monitor & Printer

This Simulation of Adult Model is designed according to the International CPR standard. In this model there is Light Indicator Display for Correct and Incorrect Artificial Respiration (mouth-to-mouth). There is Light Indicator Display for Correct Compression position display, Wrong Compression position display, digital counter. This model simulates the patient revival through first aid by measures of Heart Pressure and mouth-to-mouth respiration. This model also shows whether the operation is correct or not by Light Indicator, Audio Prompting and Grade Printing. An Ideal model for use in Hospitals, Medical Colleges and Nursing Training Institutes.

GD/CPR 10280

**CPR 3000 Advanced CPR Training Manikin with Monitor and Printer**

CPR 3000



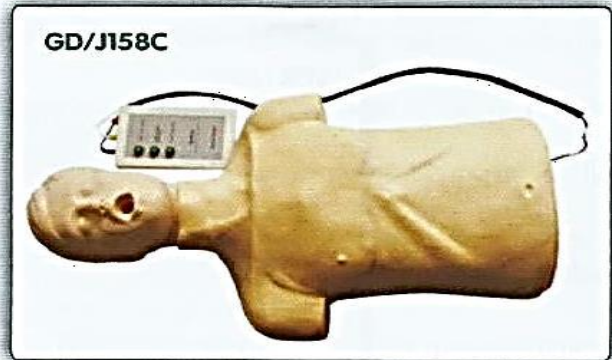
- Full Body CPR Manikin with LED light Monitor (built in printer)
- Airway status indication on monitor
- Manual carotid pulses through pulse bulb
- Ventilation through mouth to mouth or pocket mask, volume indicated on monitor
- Chest compression, pressing position and depth indicated on monitor
- Practice indication in comply with the latest AHA CPR & ECC Guideline
- Interchangeable pupils for vital signs observation
- Three training models : Free Practice, AHA standard practice, Examination (system auto score in examination mode print out)
- Print out practice briefing, examination result

GD/J158C Adult CPR And Intubation Training Manikin Half-Body with Monitor

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

Features:

1. Pupil response: Bilateral pupils contrast observation
 2. Carotid artery response: pinching pressure the ball to simulate carotid pulse;
 3. Chest compression
 4. Standard airway open
 5. Feasible three ways to open the airway: lift jaw with head back, lift the head and neck, lift jaw by hands
 6. Mouth resuscitation and ventilator-assisted breathing, effective artificial respiration has visible chest rise
 7. Simulate laryngeal mask airway and composite cannula can be inserted into the airway
 8. Verify endotracheal intubation correct or not: a catheter inserted into the trachea, lungs will swell (plastic bladder) when inflated; if the catheter is inserted by mistake esophagus, stomach will swell when inflated (plastic pouch).
- Observed pulmonary respiration
9. Artificial ventilation.
 10. Oral or nasal intubation and esophageal intubation
 11. Open the airway and practise from resuscitator bag to breathing mask or from resuscitator bag to the cannula.
 12. Respiratory tract is simple and can be replaced
- Easy to carry, suitable for field training

**CPR 2000 Advanced Half-Body CPR Training Manikin with Monitor**

CPR 2000



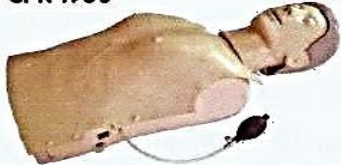
Implement Standard: The 2010 AHA Guidelines for CPR and ECC.

This new designed CPR Training manikin has Correct anatomical landmarks, skin-touch feeling, lifelike color, rural shape, durable material provides a good practice experience for students.

In the Monitor lights display the compression depth and ventilation strength.

CPR 1950 Advanced Half-Body CPR Training Manikin with Light Indicator

CPR 1950



This product is developed and produced by professionals in the purpose of providing an improved and convenient CPR training manikin for medical college, hospital and department of health's training program;

LED light display the compression and ventilation.

CPR 1900 Half-Body CPR Training Manikin

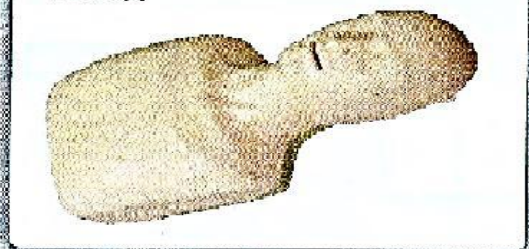
CPR 1900



This product is developed and produced by professionals in the purpose of providing an improved and convenient CPR training manikin for medical college, hospital and department of health's training program.

GD/CPR 166 Basic CPR Manikin

CPR 166



- Half-length simulated human for CPR, complying with 2015 International CPR Standard.
- Adult and child position include a clicking sound for checking the correct compression depth according to Guidelines 2015.
- The selector on the back allows to choose Adult or Child position. "N" position on the selector allows checking without a clicking sound and without depth limit the acquired skills.
- The unique valve design allows being connected nose-mouth-lung. The articulated head is not tilted properly and the nose is not pinched then there will be no chest rise. Made of Polymerized Rubber.

CPR 1600 Advanced Infant CPR Training Manikin with monitor

This Infant CPR is designed in accordance with the anatomical structure and characteristics of infant. It could practice infant CPR training; the monitor supervises the ventilation volume and the compression depth. This CPR is as per 2010AHA (American Heart Association) Guidelines for CPR and ECC.

GD/FT335 Full-Functional Neonatal CPR & Nursing Manikin with monitor

GD/FT335

**Features:**

- General care: change diapers, change clothes, mouth care, cold and hot therapy, bandaging.
- Venous transfusion/puncture, arm veins include and scalp vein includes.
- Umbilical cord care : ligature of umbilical cord, umbilical venous intubation and transfusion.
- Gastric intubation : detect tube position by means of auscultation; can practice gastrointestinal decompression, nasal feeding, gastric lavage etc.
- Bone marrow puncture: practice tibial puncture; outflow of simulative bone marrow shows proper puncture operation; drug liquid can be injected into and can practice transfusion operation;
- CPR operation training : supporting multiple breathing ways by mouth, mouth to nose and simple respirator to mouth; electronically monitor compression; frequency and volume of blowing, compressing times, frequency and depth, blowing and compression can be training separately.

FA-6248 Neonatal Endotracheal Intubation Model

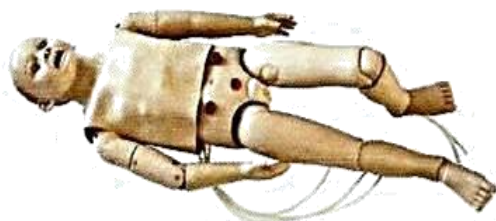
FA-6248



- New Born male baby, realistic texture
- Practice Intubation via oral cavity
- Chest movement for testifying correct intubation
- Basic CPR Skill Practice

GD/FT334 Full-Functional Child CPR and Nursing Manikin (5 Years) with monitor

GD/FT334



- General care: Skin care (e.g. wear and changes clothes), mouth care, ear, irrigation, bandaging training, changing diapers, cold and hot therapy;
- Venus puncture/transfusion: dorsal vein of hand, femoral vein, dorsal vein of foot
- Intramuscular injection: bilateral deltoid, bilateral vastus lateralis
- Subcutaneous injection: the subcutaneous of lateral thigh
- Bone marrow puncture: distinct body marks; practice tibial

puncture; outflow of simulative bone marrow shows proper puncture operation;

- Gastric intubation: detect tube position by means of abdominal auscultation; can practice gastrointestinal decompression, gastric lavage etc. aspiration of gastric fluid indicates proper intubation;
- Urethral catheterization: replaceable male/female perineum, practice male/female urethral catheterization
- Leum, rectum, bladder stoma care
- CPR operation training: Support multiple ventilation ways: mouth to mouth, mouth to nose, BVM to mouth; electronic monitoring of inflation frequency, volume compression number, frequency and depth; can only practice inflation or compression.

CPR 1700 Advanced Child CPR Training Manikin with Monitor

CPR 1700



- Child CPR manikin with LED lights monitor
- Air drive sensor monitor indicate practice
- Airway occlusion/open
- Manual carotid pulses through pulse bulb
- Ventilation through mouth to mouth or pocket mask, volume indication
- Chest compression depth indication

GD/F55 Advance Delivery & Maternal & Neonatal Emergency Simulator**Automatic Birthing System. Fully simulates the real delivery process with CPR Pregnant Woman**

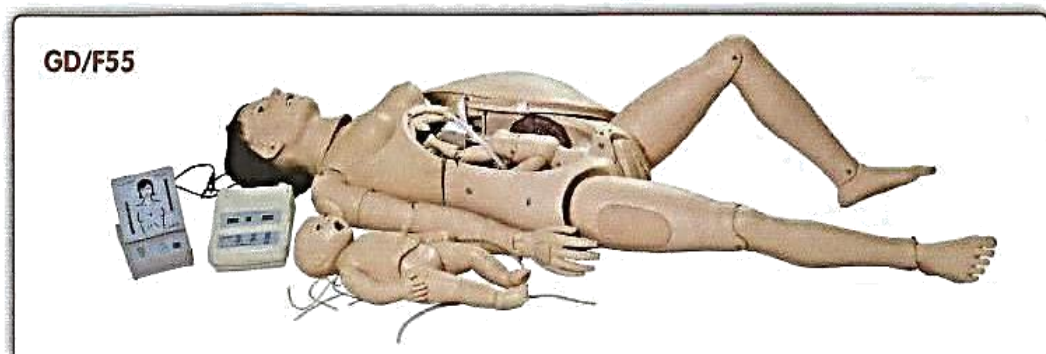
Advanced Delivery and Maternal and Neonatal Simulator is a comprehensive education system, which consists of a delivery maternal manikin and a normal newborn, according to the basic requirement of obstetrics, providing a complete birth experience and emergency skills operation. Simulator features includes automatic delivery system, fetus and placental expulsion, prenatal cervix examination and postpartum episiotomy, prenatal gravida and fetus and postpartum maternal and neonatal care, removable stomach cover, multiple fetal heart sounds auscultation and CPR operation etc. The model is made of imported PVC material. The stomach wall is injection molded. Perineum is made of sponge emulsion material, features soft texture, good flexibility, realistic operation, reasonable structure and durability. It is one of the ideal teaching aids for clinical obstetrics practice training.

Features:**System components:**

1. Delivery and adult emergency used maternal manikin
2. Emergency and nursing neonatal manikin
3. Child birthing fetus
4. Delivery process and fetal heart sound controller
5. Adult CPR electronic display
6. Simulative cervical os
7. Antepartum cervical changes and birth canal relation modules
8. Post partum 48 hours uterus
9. Postpartum perineum incision and suturing modules
10. Simulative placenta/umbilical cord
11. Lifting "Soft pad" for Leopold maneuver practice
12. Other auxiliary utensils

Maternal Manikin features:

1. The mechanical gear device is equipped with two mechanical adapters for connecting simulative delivery fetus; fetus and adapter, the adapter and adapter, adapter and gear device are all fixed with elastic clamp device. There are system protective limit switches on both top and lower end of the gear device.
2. The delivery process and fetus heart sound controller can suspend, initialize, start and continue the delivery process; delivery speed is adjustable according to requirement, have 1-4 steps;
3. Fetal heart sound auscultation: can set fetal heart sound frequency and volume, heart rate is adjustable between 70-180?
4. Can simulate head birth, breech delivery, narrow birth canal, cord around neck, fore-lying placenta, etc;
5. With highly simulative cervix
6. Equipped with lifting "Soft pad" for practicing Leopold maneuver;
7. Equipped with antepartum cervical change and birth canal change modules, which can be fitted to maternal manikin for training;
 - Stage 1: no dilation of cervix; cervical canal does not disappears; the position relation between fetal head and ischial spine plane is -5;
 - Stage 2: 2 cm cervical dilation; disappears 50% of cervical canal; the position relation between fetal head & ischial spine plane is -4;
 - Stage 3: 4cm cervical dilation; cervical canal completely disappears; the position relation between fetal head & ischial spine place is -3;



Stage 4: 5cm cervical dilation; cervical canal completely disappears; the position relation between fetal head and ischial spine place is 0;

Stage 5: 7cm cervical dilation; cervical canal completely disappears; the position relation between fetal head and ischial spine place is +2;

Stage 6: 10cm cervical dilation; cervical canal completely disappears; the position relation between fetal head and ischial spine place is +5;

8. Can measure fetal head descent and cervical dilation
9. Can simulate multiple placenta position
10. Can set venous channel in maternal arm for giving administration and nutrition
11. Vulvar suture practice modules, including left lower, medial and right lower three incision position
12. Tracheal intubation training
13. Manually simulate carotid artery pulse

Neonatal Manikin features:

1. Holistic function
2. Nursing features: eye irrigation and drops, neonatal washing and bandaging
3. Oral and nasal intubation, infant sputum suction, tracheal intubation and gastric lavage
4. Infant umbilical cord nursing, scalp vein puncture, arm venous puncture, there is obvious feeling for venous puncture, and blood flash back indicated correct puncture
5. Neonatal CPR
Supports multiple ventilation ways: mouth to mouth, mouth to nose, bag respirator to mouth
Can act artificial respiration
Can act external compression

Maternal Manikin CPR Training:

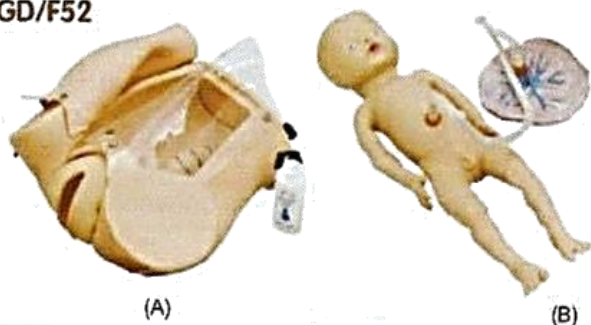
Complying with AHA (American Heart Association) 2005 emergency guideline for CPR, can act artificial respiration and external compression; electronic monitoring of operation datas with voice prompt; can observe obvious chest rise while inflation.

GD/F55



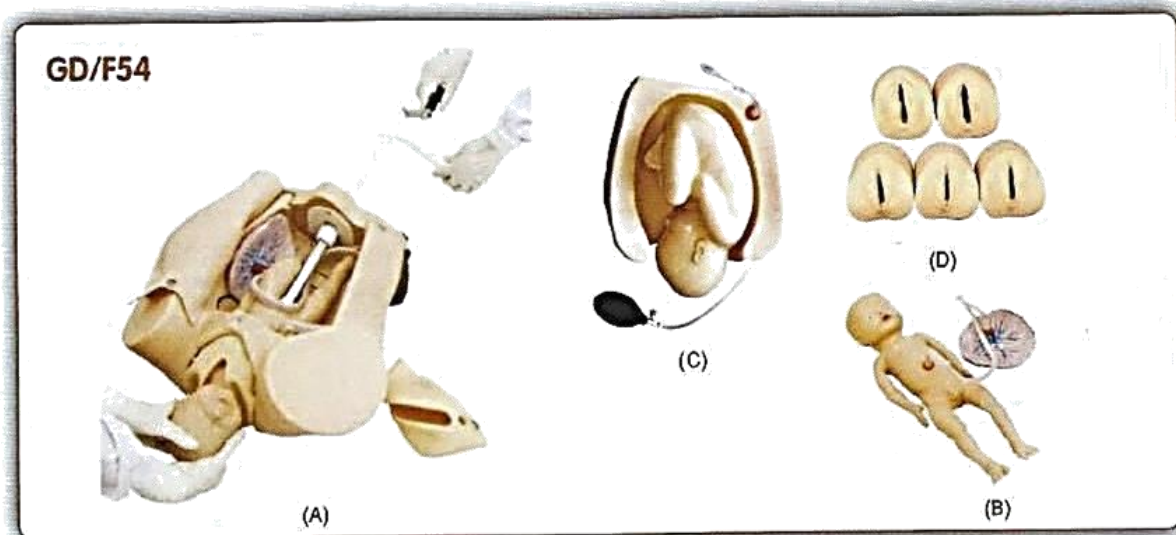
GD/F52 Advanced Delivery Mechanism Demonstration Simulator

GD/F52



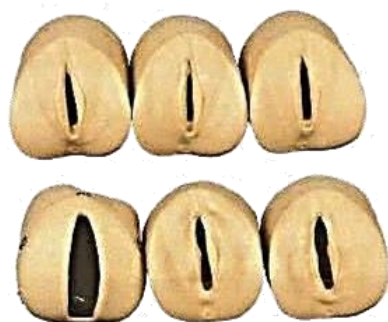
Features:

1. Demonstrate the whole process of delivery;
2. 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;
3. Can practice and master the comprehensive skills of normal labor, abnormal labor (dystocia), midwifery and perineum protection
4. Available training of multiple pregnancy (twin pregnancy)
Component: A (Matrix For Delivery Demonstration) + B (Fetus For Demonstration)

GD/F54 Advanced Abdominal Palpation and Delivery Mechanism**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 practice and master the comprehensive skills of normal labor, abnormal 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 a birth

Component : A (Matrix for Manual Delivery Demonstration) + B (Fetus for Demonstration) + C (Lifting Soft Pad for Leopold Maneuver Practice) + D (Cervical Changes Models)

GD/F20G Labour Delivery Simulator**GD/F20G**

This series models consists of six development phases and each parts shows a state of prenatal cervix and birth canal. The whole models demonstrate the relations between the scope of the expanding of the orifice of cervix, and the range of cervical tunnels, as well as the relation between the position of the head of fetus and the square of ischial spine.

Stage 1 - no dilation of cervix; cervical canal does not disappear; the position relation between fetal head and ischial spine place is -5

Stage 2 - 2 cm cervical dilation; disappears 50% of cervical canal; the position relation between fetal head & ischial spine place is -4;

Stage 3 - 4 cm cervical dilation; cervical canal completely disappears; the position relation between fetal head & ischial spine place is -3;

Stage 4 - 5 cm cervical dilation; cervical canal completely disappears; the position relation between fetal head & ischial spine place is -0;

Stage 5 - 7 cm cervical dilation; cervical canal completely disappears; the position relation between fetal head & ischial spine place is +2;

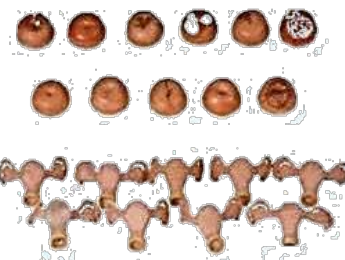
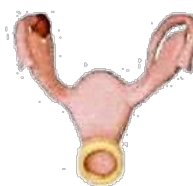
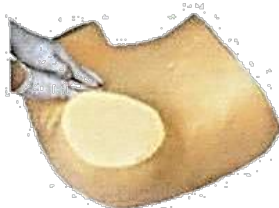
Stage 6 - 10 cm cervical dilation; cervical canal completely disappears; the position relation between fetal head & ischial spine place is +5;

GD/F30S Gynecological Training Models

This Gynecological Training Model is specifically designed for professional training.

The various functions of these model are as follows :-

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

GD/F30S**GD/FW2 Maternity Examination Model**

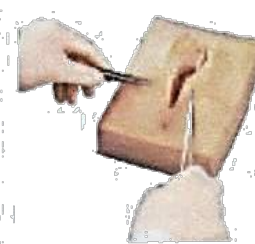
This Advanced Maternity Examination Model is specifically designed for professional training.

The various functions of these models are as follows :-

1. Palpation, embryo heart sound auscultation, pelvis measurement and mammary nursing training
2. Inflating uterus through ball to make model lifelike
3. Adjustable heart sound speed, volume
4. Heart sound can be heard not only from stethoscope but also from microphone in front board of the model

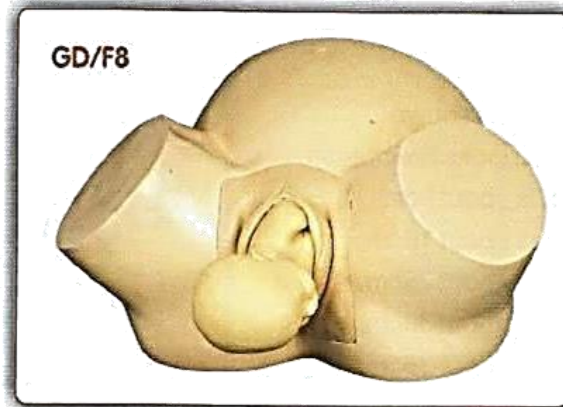
GD/FW2**GD/F3B Vulva Suturing Training Simulator**

The models demonstrate the wound in different positions in pudendum. It's made of soft materials, can be used many times in suturing training.

GD/F3B

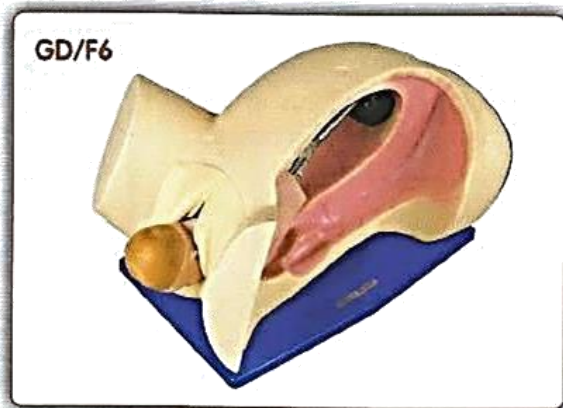
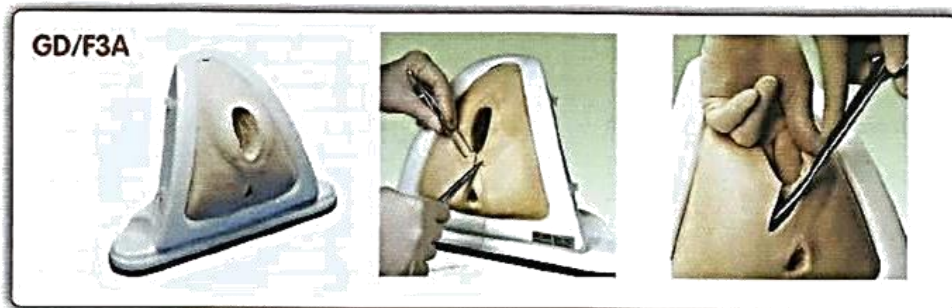
GD/F8 Vacuum Delivery Model

The simulator can help to demonstrate all the process of delivery. The life-size pelvis cavity has main anatomical structures. It can help to train the skills of delivery.

**GD/F6 Leopold Maneuvers Simulator**

The model shows the seven stages of birth:

engagement - descent - flexion - internal rolling - spread - reposition and external rolling - childbirthing.

**GD/F3A Episiotomy Training Simulator****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 and the inner muscle is soft PVC. The simulator is mounted on a plastic framework.
3. There are two handles in the back and bottom of the simulator to adjust tention of the perineum.
4. Right posterior incision, left posterior incision or median incision can be selected to exercise perineum cutting and suturing.

XC-414 The Development Process For Fetus

Made of PVC and synthetic rubber. The model consists of 10 parts and shows the relationship between Fetus and Uterus during the gestation period.

Part No. Gestation Month Appearance/Height of Fetus

1st	Normal Uterus	Inner genitals
2nd	First	Placenta is shown
3rd	Second	Embryo looks like human.
4th	Third	Fetus is about 9cm.
5th	Fourth	Fetus is about 16cm.
6th	Fifth	Fetus is about 25cm.
7th	Sixth	Fetus is about 30cm.
8th	Seventh	Fetus is about 35cm.
9th	Eighth	Fetus is about 40cm.
10th	Nineth	Fetus is about 45cm.

XC-414**XC-414A The Development Process for Fetus (Half Size)**

This model shows relationship between fetus and uterus in 1st, 2nd, 3rd, 4th, 5th, 6th, 7th month pregnancy, and twins course in the 5th month.

Consist of 08 parts.

XC-414A**GD/A42002 Human Fertilization and Early Embryogeny****Features:**

1. Shows the development from ovum to the fetus in third month
2. 16 positions are displayed

Material: Advanced PVC

GD/A42002**GD/A42001 Fertilization Process Simulator****Features:**

1. Shows two frontal sections through female genital organs
2. Mounted on a board. 25 positions are displayed

Material: Advanced PVC

GD/A42001

XC-332B Human Female Pelvis Section (4 Parts)

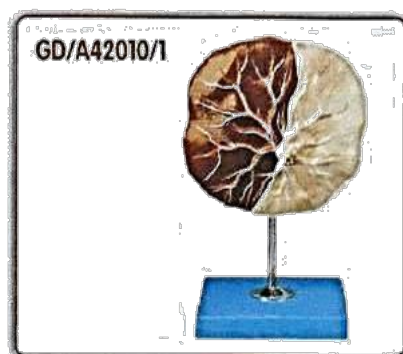
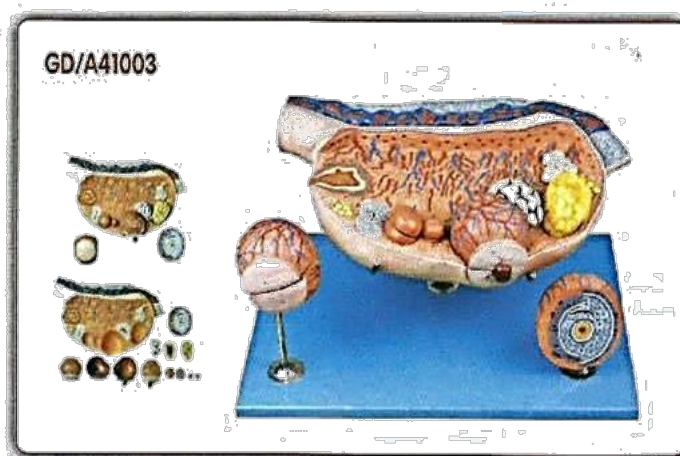
This model is a median section, showing female genital organs with bladder and rectum. The abdominal and pelvis muscles are shown detailed.

Made of PVC plastic.

**GD/A41003 Ovary Model**

This model consists of 8 parts, including ovary, primary ovarian follicles, secondary ovarian follicles, ovum, ovulation, ovum, corpus luteum, corpus albicans. It demonstrates the procedure of ovum's development. 10 positions are displayed.

Material: Advanced PVC and painted with imported paint.

**GD/A42010/1 Human Placenta**

The model shows the structure of placenta and the relation between placenta and umbilical cord.

7 positions are displayed.

Material: Advanced PVC and painted with imported paint.

GD/A42004 Embryo

The embryo model is of about 4 weeks old, and mounted on a stand. 12 positions are displayed.

Material: Advanced PVC and painted with imported paint.



GD/J110 Advanced Trauma Simulator

Features:

01. Washing, disinfection, hemostasia, enswathement etc.

02. Open fracture, truncation trauma

Features of Advance trauma manikin:

01. Facial burn: I, II, III degree

02. Laceration in forehead

03. The wound in jaw

04. Opened clavicular fracture and contusion wound on the chest

05. The wound in abdomen with small intestine evisceration

06. Opened humerus fracture of right upper arm

07. Opened fracture of right hand (including parenchyma laceration, fracture and bone tissue exposure)

08. Gun wound in the right palm

09. 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: I, II, III degree

15. Truncating trauma on left thigh

16. Closed tibia fracture of right leg and contusion wounds in left ankle and foot.

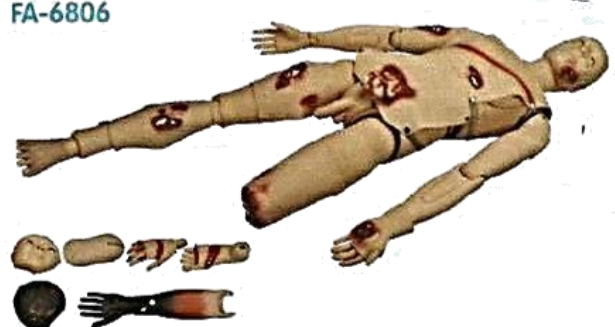
GD/J110



FA-6806 Advanced Trauma Manikin

- Complete nursing skill training functions
- Equipped with trauma evaluation components, life like texture, practice cleaning, sterilizing stop bleeding and bandaging:
 - ✦ Facial burn degree I, II, III
 - ✦ Forehead open wound
 - ✦ Jaw trauma
 - ✦ Open fracture of clavicle and chest contusion
 - ✦ Abdominal trauma with exposed small intestine
 - ✦ Right arm humerus open fracture
 - ✦ Right hand open fracture, soft tissue laceration
 - ✦ Left hand bullet wound
 - ✦ Right thigh composite femoral fracture
 - ✦ Right thigh sharp metal stab wound
 - ✦ Right leg open compound fracture
 - ✦ Right feet compound fracture, little toe truncation

FA-6806



- ✦ Left arm burn degree I,II,III
- ✦ Left thigh truncation trauma
- ✦ Leg amputation
- ✦ Thigh muscle injury

FA-6805 Advanced Trauma Evaluation Model

- 16 trauma components, life like texture, practice cleaning, sterilizing, stop bleeding and bandaging
- Trauma components include :
 - ✦ Facial burn degree I, II, III
 - ✦ Forehead open wound
 - ✦ Jaw trauma
 - ✦ Open fracture of clavicle and chest contusion
 - ✦ Abdominal trauma with exposed small intestine
 - ✦ Right arm humerus open fracture
 - ✦ Right hand open fracture, soft tissue laceration
 - ✦ Left hand bullet wound
 - ✦ Right thigh composite femoral fracture
 - ✦ Right thigh sharp metal stab wound
 - ✦ Right leg open compound fracture
 - ✦ Right feet compound fracture, little toe truncation

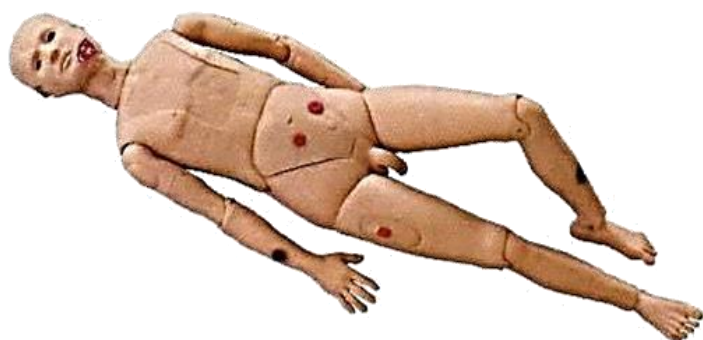
FA-6805



- ✦ Left arm burn degree I, II, III
- ✦ Left thigh truncation trauma
- ✦ Leg amputation
- ✦ Thigh muscle injury

GD/J112 Standard Patient for external fixation Training Simulation in first Aid of Limb Fracture

GD/J112



Features:

1. Made of imported silicone rubber material after injection molding. Can simulate trauma of head and limbs closed fracture.
2. Can help students understand fracture symptoms such as deformity, bone friction and abnormal movements and carry out diagnosis and treatment. Can help the trainee master cleaning, disinfection, binding up, fracture reduction and fixation and

handling operation of fracture trauma in practice. Has great clinical significance in surgical trauma emergency skill training.

3. Vivid fracture trauma simulation Modular accessories can be replaced conveniently. One of ideal products for surgical trauma emergency rescue skills training.

4. Suitable for practice training in medical colleges, nursing colleges and training teaching in clinical popularization among primary level health departments.

GD/L260B Comprehensive Puncture Simulator (Anteverted Sitting Position)

GD/L260B



The product is designed for improving medical workers' thoracic and lumbar puncture skills. It provides repeated practice without bringing suffering to patients, to achieve the purpose of proficient and rapid completion of the operation.

Features:

1. The manikin backward sits in the armchair, arms put on the edge of the chair back, and head puts in the forearm
2. Distinct body surface symbols, can touch armpit, the seventh cervical vertebra, thoracic vertebra, bladebone, costal bone, intercostal space and lumber
3. Thoracic puncture and lumbar puncture
4. Thoracic puncture:
 - Various puncture site: the seventh to ninth intercostal puncture of infrascapular line and the fifth to sixth intercostal puncture of axillary midline;
 - When needle penetrates through the partial pleura, needle resistance disappears, connect the syringe and extract the pleural effusion

5. Lumbar puncture

- Realistic simulated waist anatomical structure with skin and subcutaneous tissue
- Touch feeling as in human body when the spinal type needle penetrates into all layers of organization
- A feeling of "pop" can be felt when the puncture is correct, collect cerebrospinal fluid and measure pressure of cerebrospinal fluid in the special cases
- With a part of the lumbar spine skeleton model, help understand the structure and function of the waist
- One of the puncture modules can directly observe the anatomical characteristic of the lumbar spine skeleton and directly see the spinal type needle position
- Can realize two people on the operation of lumbar puncture

GD/LV18 Surgical Suturing and Bandaging Simulator

The simulator provides commonly used surgical incisions, which simulate all kinds of female thoracic and abdominal incisions, tube drains and amputation stump. Students can practice wounds treatments of washing, disinfecting, changing dressing, bandaging and etc. The skin is dry, soft and flexible, allowing the bandages to adhere better.

Features:

01. Thyroidectomy
02. Mid-sternal split - with two chest tube drains
03. Right mastectomy - with simulated drain
04. Right cholecystectomy - with simulated T-tube
05. Laparotomy
06. Appendectomy
07. Left colostomy
08. Right ileostomy
09. Abdominal Hysterectomy (Transverse incision)
10. Left nephrectomy (thoraco-abdominal incision)
11. Right nephrectomy (oblique incision)
12. Laminectomy
13. Sacral decubitus ulcer - stage 2
14. Right thigh amputation stump

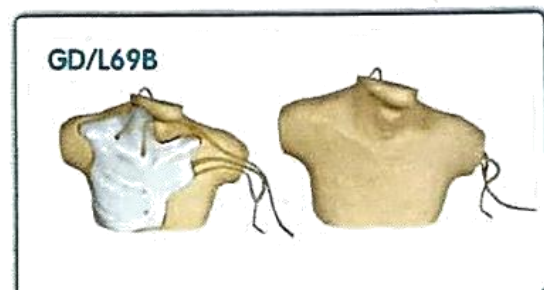


GD/L69B Central Venous Catheterization Simulator

The cervical veins are filled with red simulative blood for internal jugular vein and subclavical vein puncturing use. Squeeze bulb can simulate carotid artery pulse. With accurate anatomy, palpation is exactly the same as on a patient. Replacing of the internal tubing and skin is extremely easy.

Features:

1. Cervical anatomical landmarks are quite clear and indicate structures of the sternal notch, clavicle, right cervical ribs, sternocleidomastoid and etc.
2. Venous system in the deep part of left neck consists of common carotid artery, internal jugular vein, external jugular vein, subclavical vein and brachiocephalic vein.
3. Internal jugular vein puncture and cannulation can be exercised.
4. Subclavical vein puncture and cannulation can be exercised.
5. Carotid artery pulse can be simulated
6. The skin and veins can be replaced and students will feel an apparent "POP" when the needle has been thrust into the vein.
7. The heart floating swan-ganz intubation can be exercised.

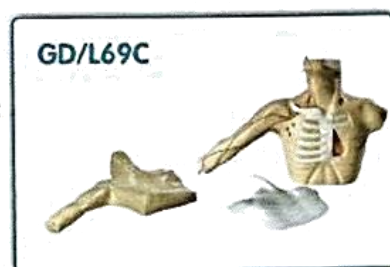


GD/L69C PICC Line (Peripherally Inserted Central Catheter)

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

Features:

1. The model is a simulative right half of 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 train puncture and catheterization of internal carotid vein, subclavical vein, cephalic vein and heart catheterization.
4. The skin and veins can be replaced, Students will feel an apparent "POP" when puncture needle has been thrust into the veins.
5. The heart floating swan-ganz intubation can be exercised



GD/L69D Advanced Neonatal Peripheral and Central Vein Intubation Simulator

Designed according to the physiological and anatomical characteristic of neonate, made of imported plastic material, soft and elastic skin, easy to clean and provide technology of inserting into central vein catheter via peripheral vein.

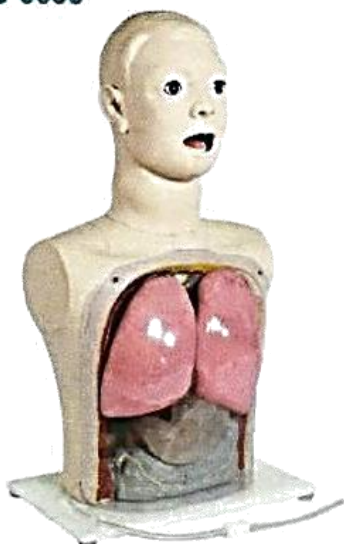
Features:

1. Transparent chest wall and made of special material, perspective effect of bilateral venous channel
2. Correct anatomical position: basilic vein, cephalic vein, jugular vein, subclavian vein and superior vena
3. Direct observation of rib and heart, measure the correct inserted length of catheter
4. Transparent part of the superior vena and visible of the ductal position in the case of correct catheterization or the catheter is invisible;
5. Exercise of standard venous catheterization position



NS-6036 Nasal Feeding and Gastric Lavage Simulator

NS-6036

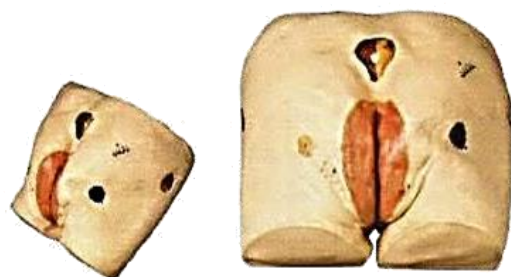


A well-shaped adult torso. It could practice many skills training via nasal and oral cavity for the nursing of respiratory tract and stomach.

- Life like clear anatomical structure, include: head, neck, chest real size lungs and stomach
- Transparent abdominal wall, clear observation of internal organs
- Oral/nasal cavity intubation
- Nasal feeding
- Gastric Lavage: Stomach capacity 500 ml.

GD/H90E Decubitus Ulcer Care Simulator

GD/H90E



Features:

1. 4 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

GD/HS19 Diabetic Foot Nursing Simulator

GD/HS19



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

GD/L63 Prostate Inspection Model

This model provides prostates with tumors in 4 different development periods.

1. The 1st development : Beginning, a little big but the prostates still works well.
2. The 2nd development : Some hard tubers can be observed in the top right quadrant of prostate. It's the beginning of the tumors.
3. The 3rd development : The tumor is proliferating, and the previous tubers become bumps.
4. The 4th development : The prostates is all replaced by tumors, the surface become more rough and harder than before.

GD/L63



GD/L64 Peritoneal Dialysis Simulator

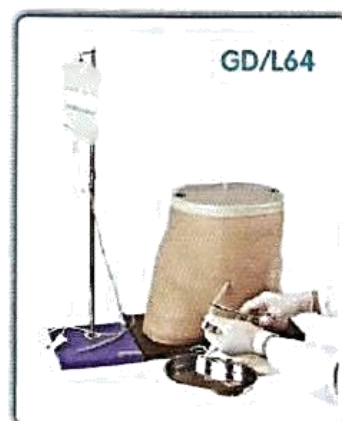
Function :

1. This model is a specially designed simulator for the medical staff to practise the skill of peritoneal dialysis.
2. Fistula orifice is in the realistic position, and the simulative liquid flows out through it.

Standard Equipment :

- | | |
|----------------------------------|------------------------|
| a. Catheter | d. Liquid Bag |
| b. Disposable Water-Proof Fabric | e. Deluxe Portable Box |
| c. Infusion Stand | |

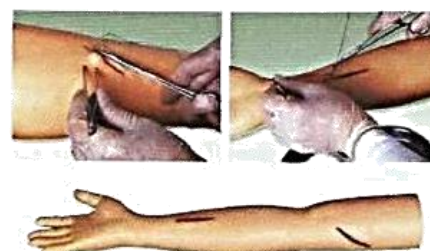
GD/L64



GD/LV1 Advanced Surgical Suture Arm

This model of Advanced Surgical Suturing Arm allows the students to practise cut, suturing, stitches release, enswathing, etc. The elasticity and flexibility of skin can make it for practise hundreds of times. There are some initial wounds on the arm if all the initial wounds have been sutured, people can cut the arm in other place for new training of suturing.

GD/LV1



GD/LV2 Advanced Surgical Suture Leg

GD/LV2



This model of Advanced Surgical Suturing Leg allows the students to practice cut, suturing, stitches release, enswathing, etc. The elasticity and flexibility of skin can make it for practice hundreds of times. There are some initial wounds on the arm and if all the initial wounds have been sutured, people can cut the arm in other place for new training of suturing.

CS-6206 Suturing Skin Pad With Stand

CS-6206



Clear skin layers, realistic skin tissue tension Practice cutting, suturing, knotting, taking out stitches Fixing stand for convenient practice.

FA-5058 Tracheotomy & Endotracheal Intubation Model

- Standard tracheotomy position, touchable trachea for locating cutting position
- Accurate structure : thyroid cartilage, cricoid cartilage, crico-thyroid membrane
- Practice percutaneous thyrocricoid puncture, cricothyrotomy, tracheotomy
- Different cuttings : vertical, horizontal, cross shape, "U" shape, reverse "U" shape
- Replaceable trachea and neck skin

FA-5058



NC-6028 Buttock Inter Muscular Injection Training Model

NC-6028



A well-Shaped buttocks of an adult, made of special material, correct anatomical landmarks.

- Adult buttock, precise anatomical structure
- Both sides are suitable for injection practice, realistic texture
- Electronic monitoring, indicating injection position, depth by LED lights and sound alert.
- Gluteus maximus injection, allow injecting "portion" convenient drain outlet
- Gluteus medius, gluteus minimus

GD/J5S Airway Intubation Model

Features:

1. Accurate anatomical marks
2. Oral or nasal cavity intubation
3. Wrong operation, stomach inflation or laryngoscope compressing the teeth will activate warning prompting
4. One proper pupil and another mydriasis

GD/J5S



GD/HS10C Adult Intramuscular Injection Training Mannequin

GD/HS10C



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

XC-101 Life Size Human Skeleton (180 cm) tall on a pelvic mounted stand

XC-101



This economical, life size adult plastic skeleton is ideal for teaching the basics of human anatomy. Its arms and legs are removable for study. Features nerve branches, vertebral artery and herniated lumbar disc. Skull includes movable jaw, cut calvarium, suture lines and three removable lower teeth. Mounted on a sturdy 16" wide plastic base, washable, unbreakable PVC plastic.

XC-101A Life Size Human Skeleton (180 cm) with Muscles & Ligaments on a pelvic mounted stand

XC-101A



The Skeleton allows you to demonstrate the hand painted muscles origins & Flexible joints ligaments. This skeleton is Made of Durable & Unbreakable plastic which includes stand & dust cover.

XC-102B Medium Skeleton with Nerves and Blood Vessels

This model depicts the position, course and distribution of main arteries and peripheral nerves of the human body. It may be employed as a visual aid in the instruction of anatomy to students of medicine. This model is made of PVC material.

XC-102B



SK-046 Mini Skeleton with Stand

- Real life model
- Durable Parts
- ABS Stand

SK-046



XC-130 Disarticulated Skeleton Model

XC-130



This economical life size disarticulated skeleton will encourage students to learn the various bones of an Adult Human. It is a visual aid for the instruction of anatomy to students, doctors, nurses, or anyone interested in human skeleton. This highly accurate version contains 200 bones of an Adult Human.

XC-130B Disarticulated Painted Skeleton Model

XC-130B



Life-size, disarticulated adult skeleton includes 3-partskull, right hand and right foot on wire

XC-104E Skull Model with 8 Parts Brain

This model is based on SC-104D, includes 8 parts brain: frontal and parietal lobe, temporal and occipital lobe, encephalic trunk and cerebellum.

XC-104E



XC-104C Life-Size Colored Skull

This is advanced model of XC-104C life-size skull, bones painted in different colors for precise study. Can be disassembled into 3 parts.

XC-104C



XC-104 Life Size Skull

XC-104



This economical life-size adult plastic skull features a moveable jaw, cut calvarium, suture lines and 3 removable lower teeth - incisor, cuspid and molar. Dissectible into 3 parts.

XC-135 Skull With Cervical Spine

XC-135



ZX 1201 Human Fetal Skull

ZX 1201

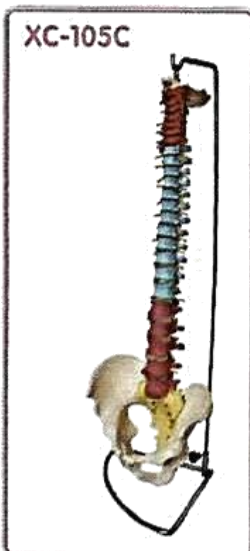


GD/A 11115 Infant Skull

GD/A 11115



XC-105C Didactic Flexible Vertebral Column With Pelvis



This model has a fully flexible spine throughout and features different sections of the spinal column in different color: cervical vertebrae, thoracic vertebrae, lumbar vertebrae, sacrum and the coccyx

XC-126 Life-Size Vertebral with Pelvis and Femur Head



This detailed life size model shows all significant features of each vertebra, including spinal cord, nerve roots, the vertebral artery, a herniated disc and vertebral notch etc. Ideal teaching model for students, orthopedic surgeons and other medical professionals. Special features include inflexible 29" tall vertebral column complete with pelvis, femur heads, sacrum, occipital bone, vertebral artery, all nerve branches and herniated lumbar disc.

XC-115 Life-Size Pelvis with 5 pcs Lumbar Vertebrae



Consist of hip bone, sacrum with coccyx and 5 lumbar vertebrae. On stand.

XC-134 Cutaway Osteoporosis



Consist of 3 medially divided lumbar vertebrae with intervertebral discs. For comparison, the upper section shows healthy bone structure. The middle section shows osteoporotic bone structure and the lower section shows advanced osteoporotic bone structure with flattened plates, deformation and decreased mass.

XC-118 Lumbar Set



Life-size lumbar vertebrae are shown with normal intervertebral disc and spinal cord with nerve roots. On stand.

XC-119 Life-Size Lumbar Vertebrae with Sacrum & Coccyx And Herniated Disc



Consist of the 5 lumbar vertebrae with intervertebral discs, sacrum with flap, coccyx, spinal nerves and dura mater of spinal cord. On stand.

XC-120 Thoracic Spinal Column



This model consists of the 12 thoracic vertebrae with intervertebral discs, thoracic nerves and spinal cord on stand.

XC-133 Cervical Vertebral Column with Neck Artery



Consisted of occipital plate, the 7 cervical vertebrae with intervertebral discs, cervical nerves, vertebral arteries and spinal cord. On stand.

XC-123 Adult Male Pelvis with Stand

XC-124 Adult Female Pelvis with Stand

These model sizes are just the same as realities and made of PVC plastic. Comparing a model of male pelvis with a female one, the differences between the two can be listed as following :

<u>Male</u>		<u>Female</u>	
Pelvis shapes	: Long and narrow	Pelvis shapes	: Short and broad
Pelvis cava	: Like a funnel	Pelvis cava	: Like a barrel
Aperture pelvis superior	: Heart-like	Aperture pelvis superior	: Rounded
Sacrum	: Long and narrow	Sacrum	: Broad and short
Angles of pelvis arch	: 70-75 degree	Angles of pelvis arch	: 90-100 degree
Symphysis pubica	: Long and narrow	Symphysis pubica	: Short and broad

XC-123



XC-124



XC-127 Birth Demonstration Model

XC-127



This model is designed as a visual aid for teaching the act of birth in Educational Institutes. It facilitates the students or clinical workers to get an integral knowledge of normal labor of a pregnant women. It consists of 2 innominate bones, sacrum, coccyx, with fetal skull which is firmly connected with the model by means of a flexible metal tube which can be fixed in every position.

XC-125 Female Pelvis Muscles and Organs

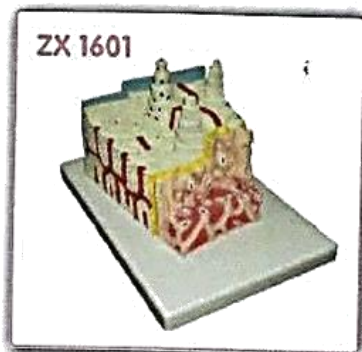
XC-125



This model is designed as an aid to the teaching of anatomy of female pelvis in Educational Institutes. It facilitates the students or clinical workers to get an integral knowledge of various important structures, such as pelvic muscles and pelvis organs as a whole. This model is made of plastic. Natural size.

ZX 1601 Bone Microstructure

ZX 1601



XC-109 Life-Size Shoulder Joint with Ligaments

XC-109



Demonstrates abduction, adduction, anteversion, retroversion and internal / external rotation. Includes flexible, artificial ligaments. Life size, on stand

XC-110 Life-Size Hip Joint with Ligaments

XC-110



Demonstrates anteversion, retroversion, abduction and internal / external rotation. Includes flexible, artificial ligaments. Life size, on stand.

XC-111 Life-Size Knee Joint with Ligaments

XC-111



Demonstrate abduction, anteversion, retroversion internal / external rotation. Includes flexible, artificial ligaments. Life size, on stand.

XC-112 Life-Size Elbow Joint with Ligaments

XC-112



Demonstrates abduction, anteversion, retroversion, internal / external rotation of the radius. Includes flexible, artificial ligaments. Life size, on stand.

XC-113 Life-Size Foot Joint

XC-113



Demonstrate all the foot functionality and the external anatomical structures. Made of PVC Plastic, life size on stand.

XC-114 Life-Size Hand Joint

XC-114



Demonstrate all the hand functionality and the external anatomical structures. Made of PVC Plastic, life size on stand.

XC-113A



XC-113A Life-Size Foot Joint with Ligaments

Demonstrates all of foot functionality and the external anatomical structures, including flexible, artificial ligaments. Made of PVC plastic. Natural size.

XC-114A Life-Size Hand Joint with Ligaments

XC-114A



Demonstrates all of hand functionality and the external anatomical structures, including flexible, artificial ligaments. Made of PVC plastic. Natural size.

BRAIN & NERVOUS MODELS

XC-308 Brain With Arteries

This model facilitates the students to get a correct understanding of the external features of the brain and its arterial supply as a whole, as well as the relations between their component portions. External features of the brain : cerebral hemisphere, brain stem, cerebellum. The arterial supply of the brain : sources, vertebral, internal carotid arteries, arterial supply of the cerebellum and cerebrum.

XC-308



XC-318 Brain With Arteries on Head

XC-318



This model shows the brain structure inside the skull. Two halves brains can be disassembled into: frontal with parietal lobes, temporal with occipital lobes, half of brain stem, half of cerebellum.

Life-size, dissectible into 9 parts.

GD/A18001 Neuron

This model consists of 2 parts as: neuronal body and nerve fiber. It shows neuronal axon hillock, dendritic arbor, neurofilament, etc. 15 positions are displayed.

Material: Advanced PVC and painted with imported paint.

GD/A18001



GD/A18102 Spinal Cord in the Spinal Canal

This model shows ventral side, brainstem and spinal cord. Branches up to the coccygeal plexus, sympathetic trunk with its connections to the central nervous system and it displays around 47 positions.

It is made of advanced PVC materials.

GD/A18102

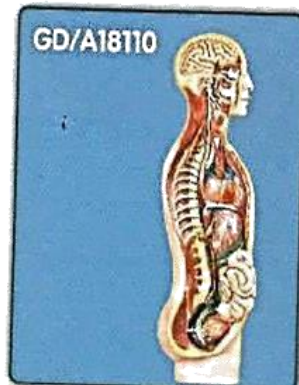


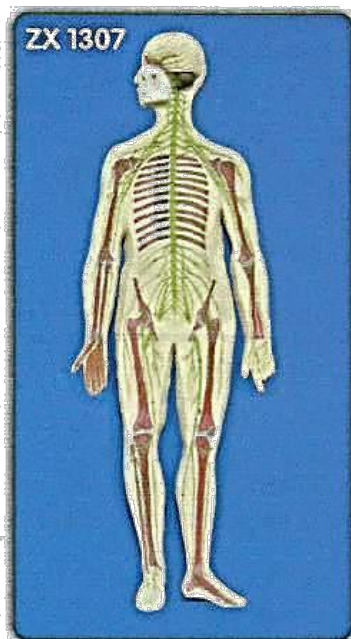
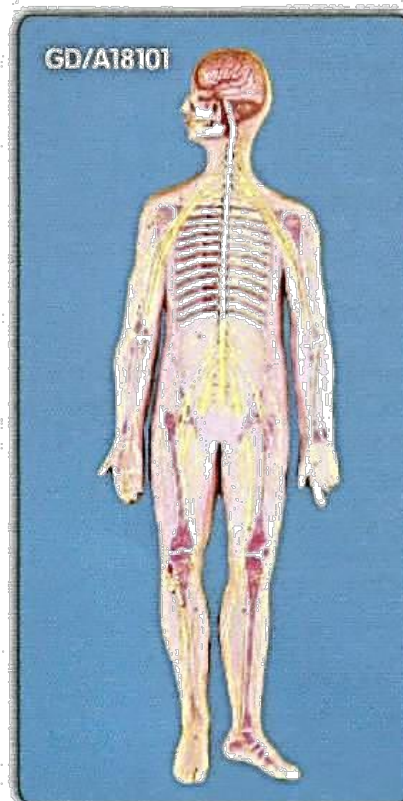
GD/A18110 Sympathetic Nervous System

This model shows the outlook of automatic nervous system, including sympathetic nervous system and parasympathetic nervous system. The sympathetic one shows in yellow color and parasympathetic one in red and it displays around 53 positions.

It is made of Advanced PVC materials.

GD/A18110



ZX 1307 Human Nervous System**GD/A18101 Nervous System**

This model shows the structure of central nerves, peripheral nerves including spinal nerves radiated from central systems to other parts of body (such as ulnar nerve, radial nerves of brachial plexus, median nerve, ischiadic nerve) and it displays around 33 positions.

It is made of advanced PVC materials.

EYE**XC-316 Giant Eye Model**

The different parts of the eyeball model are detachable to show the following structures:

- ✦ **Tunica External** : Showing cornea and sclera with attachments of ocular muscles and optic nerves
- ✦ **Tunica Media** : Showing the iris, the ciliary body and the chorioid
- ✦ **Tunica Internal is Retina**
- ✦ **Refraction Media** : Showing the lens and the vitreous body.

The model is made of PVC.

**XC-316B Eye with Orbit**

The model shows the eyeball with optic nerves and muscles in its natural position in the bony orbit. Dissectible into 10 parts. 3 times enlarged.

E.N.T.**GD/A13001 Nasal, Oral, Pharynx and Larynx Cavities****Features:**

1. A model of the respiratory system, including the oral, nasal cavities, pharynx and larynx.
2. The upper respiratory tract is dissected into two pieces along the medical sagittal plane.
3. Ten parts and 113 positions are displayed.

GD/A13001

**XC-301 Magnified Human Larynx Model**

A functional model that demonstrates movements of the epiglottis and cartilages in the voice box. It helps the students to understand the morphology and structure of the respiratory tract and phonetic organ. On base 3 times enlarged and 3 parts dissectible.

XC-301

**XC-324 Model of the Head**

This model shows the interior parts of the mouth cavity and pharynx with network of vessels and trigeminal nerves.

XC-324

**XC-309 Model of the Anatomical Nasal Cavity**

This model helps the students to understand the external and internal structures of the nasal cavity.

- ◆ External nose : Shows the section of the nasal bones and cartilages.
 - ◆ Nasal cavity : On the lateral nasal wall shows the superior, middle and inferior nasal conchae project medially into the nasal cavity forming the superior, middle and inferior nasal maxillary sinuses.
 - ◆ Paranasal sinuses : Shows the frontal, sphenoid and maxillary sinuses.
- Magnified $\frac{1}{2}$ the natural size. Made of PVC.

XC-309

**XC-303C New Style Giant Ear Model**

A giant model of the Ear, for elementary science classes, shows the three main structural parts of the hearing organ (external ear, middle ear, internal ear) and the position of the equilibrium organ of human body.

- ◆ External Ear : showing the shape of the auricle and the primary features of the external auditory meatus.
- ◆ Middle Ear : showing the type of membrane, the three auditory ossicles (hammer, anvil, stirrup) and the eustachian tube.
- ◆ Internal Ear : showing the vestibule, cochlea and the three semicircular canals of the osseous labyrinth.

XC-303C

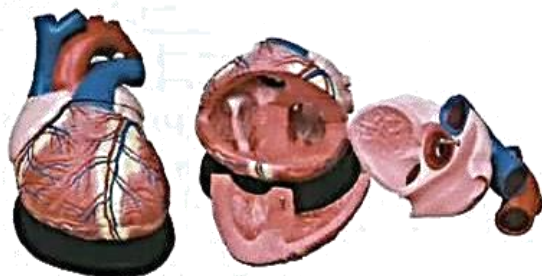


HEART & CIRCULATORY SYSTEM

XC-307 Jumbo Heart Model

This model helps the students to understand the external features and internal structures of the heart, and its relation with the large blood vessels. Thus a clearer conception of the routes of the systemic and pulmonary circulation can be obtained. Dissectible into 3 parts, 4 times enlarged. Made of PVC plastic.

XC-307



XC-307D Middle Heart Model

This model shows external features and internal structures of heart and its relation between large blood vessels. Dissectible into 5 parts, 3 times enlarged.

XC-307D



PD-002 Heart Model

PD-002



- ♦ Full size heart model
- ♦ Durable ABS Base
- ♦ Detachable Cover Piece & Valves
- ♦ Highly Realistic Decoration

MK-019 Pumping Heart

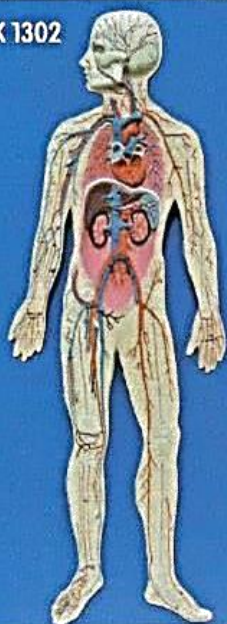
- ♦ A 3-D working plastic heart model with clear chambers. Squeeze bulb pumps simulate blood through clear heart chambers just like real one.
- ♦ Complete heart model scale with display stand.
- ♦ Complete instruction manual, easy to assemble.
- ♦ Acrylic Paints and Brush are included.

MK-019



ZX 1302 Human Circulatory System

ZX 1302



GD/A16001 Circulatory System

This model shows general network of the vessels body and it displays around 81 positions. It is made of advanced PVC materials.

GD/A16001



RESPIRATORY SYSTEM

GD/A13013 Transparent Lung, Trachea & Bronchial tree with Heart

GD/A13013



1. The model consists of heart, great vessels (aorta, superior vena caval), tracheobronchial tree and mediastinum.
 2. 57 positions are displayed
- Size: 2/3 time of Life size, 27cm x 22cm x 19cm
Material: Advanced PVC and paint

ZX 1306 Human Respiratory System

ZX 1306



XC-302 Magnified Human Pulmonary Alveoli Model

This model shows the small branches of principal bronchus:

- ◆ Section of bronchiole of no cartilage
- ◆ The relation between pulmonary alveoli and terminal bronchiole
- ◆ The structure of alveolar sac and alveolar duct
- ◆ The capillary rete in the alveolar septa

Made of PVC plastic and mounted on plastic base.

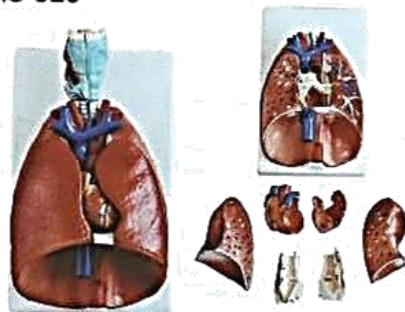
XC-302



XC-320 Larynx, Heart and Lungs Model

A life-size model separated into 7 parts. The lungs have 2 removable lobes to show the internal structures, the heart bisects showing atria, ventricles and valves, the larynx bisects and the diaphragm is shown.

XC-320



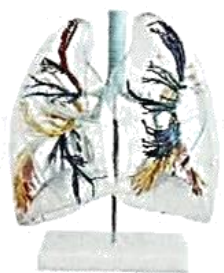
XC-330 Model of the Transparent Lung Segment

This model presents 10 segments in the right lung and 8 in the left. The distributions of the bronchial tree can be observed through the transparent lungs.

- ◆ Right Lung : right upper lobe (3 segments), right middle lobe (2 segments), right inferior lobe (5 segments)
- ◆ Left Lung : left upper lobe (4 segments), left inferior lobe (4 segments)
- ◆ Distribution of the bronchial tree : right bronchus, left bronchus.
- ◆ Hilus of lung

This lung is made of transparent plastic. The trachea and bronchial tree is made of PVC.

XC-330



DIGESTIVE SYSTEM**XC-306 Stomach Model**

This model shows the morphology of the stomach in a moderate distended state. With the longitudinal section, the model shows the structures of the gastric folds, pyloric valve, pyloric sphincter muscles, gastric mucosa and the transitional mucosa of the gastricesophagus. Made of hard plastic and magnified 2 times the natural size.

XC-306

**XC-311 Liver, Pancreas & Duodenum Model**

An economical way to study the basic structure of the liver, spleen, blood vessels and pancreas. External structure is illustrated as well as the pancreatic duct of the pancreas. This model also shows the abdominal aorta and inferior vena cava. Life size. Dissectible into 3 parts. Made of PVC.

XC-311

**XC-312 Liver Model**

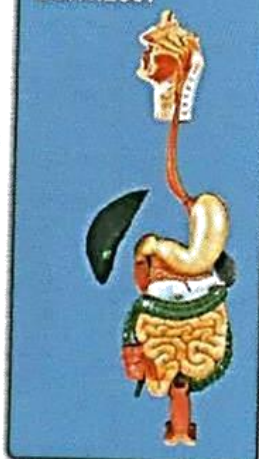
An economical way to study the basic structure of the liver. The complex vessels network in the opened liver, displayed in different colors on this model : hilus vessels, extra-hepatic and intra-hepatic bile ducts. Liver mounted on stand.

XC-312

**GD/A12001 Digestive System**

This model shows alimentary canal from mouth to rectum in median section and includes buccal cavity, pharynx, esophagus with half of the stomach, the opened duodenum, small and large intestine, the opened appendix, the unfolded rectum, the transverse colon, liver and pancreas and it displays around 49 positions. It is made of advanced PVC materials.

GD/A12001

**ZX1301-A Human Digestive System**

ZX1301-A

**GD/A12006 Appendix and Caecum**

The model shows wall of the caecum and appendix. Separated into 2 parts and 17 positions are displayed. Natural size and mounted on a stand.

Material: Advanced PVC and painted with imported paint.

GD/A12006

**ZX 1402 Human Stomach Pancreas & Duodenum**

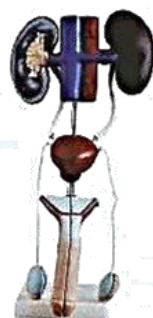
ZX 1402



EXCRETORY SYSTEM**XC-331 Male Urogenital System**

This is intended for middle schools as a visual aid in teaching physiology and hygiene to help the students to understand the external features of the urogenital system and the internal structures of the kidney, urinary bladder, penis and testicle. Made of soft PVC plastic.

XC-331

**XC-332 Female Urogenital System**

This model serves as a model for teachers to teach students of the female urogenital system in schools and colleges. The model shows kidney, ureters, urinary bladder, uterus, accessories of uterus, vagina, ovary membrane, ligaments, uterus ligament and its artery etc. Made of PVC plastic.

XC-332

**XC-333 Urinary System Model**

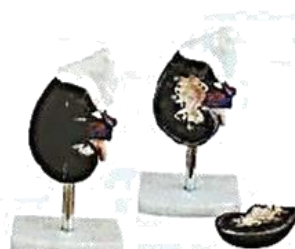
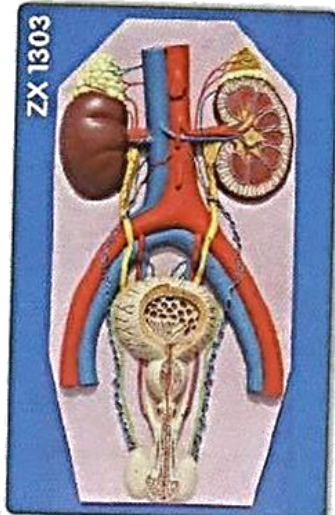
The model shows the structures of retroperiton alcavity, pelvis with bones and muscles, inferior venacava, aorta with its branches, upper urinary tract, kidney with adrenal gland, ureter, bladder, etc. Dissectible into 4 parts.

XC-333

**XC-310-3 Human Kidney Macro Structure with Adrenal Gland**

This detailed life-size model features the kidney, adrenal gland, renal and adrenal vessels and upper portion of the ureter. Dissectible into 2 parts to reveal the cortex medulla, cortex vessels and renal pelvis. Model can be removed from the stand for instruction and patient education.

XC-310-3

**ZX 1303 Human Excretory System****ZX 1603 Kidney Microstructure**

ZX 1603

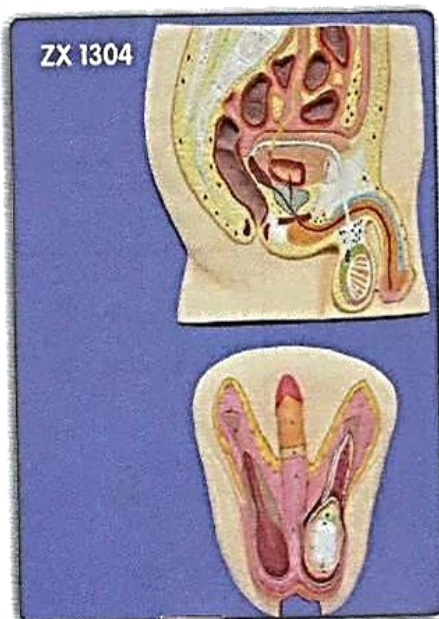


Front View

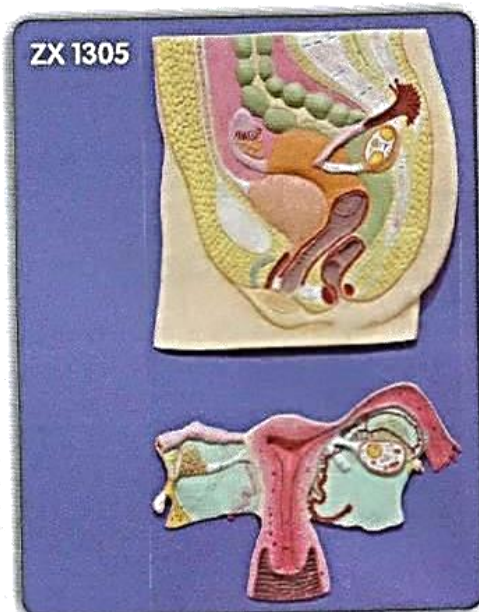
Back View

REPRODUCTIVE SYSTEM

ZX1304 Human Reproductive System Male



ZX 1305 Human Reproductive System Female



GD/F5M Male Condom Model

1. The model is designed for male condom skill training.
2. The model is mounted on a Lucite stand.
3. The anatomy is accurate and the shape is realistic.

GD/F5M

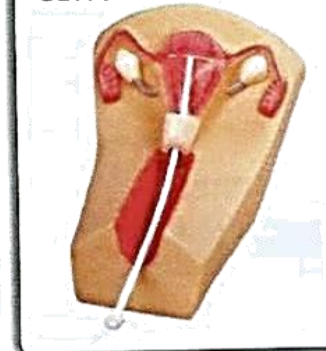


GD/F5N IUD Training Simulator

Features:

1. Basing on real anatomy of female genitalia, we designed this model for instructing or training of insertion or removal IUD.
2. The uterus is in coronal section and covered with transparent plastic window. So students can directly observe whole insertion or removal process.

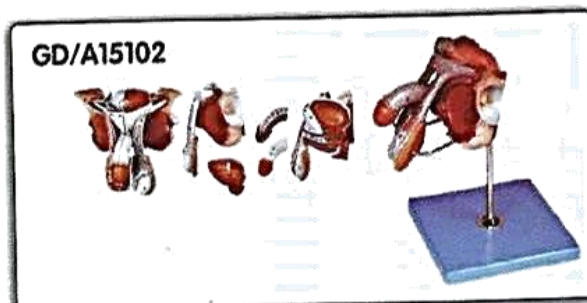
GD/F5N



GD/A15102 Male Genital Organs

The model is dissected in median and mounted on a stand. It shows the penis, prostate, bladder, seminal vesicle, spermatic cord and inguinal canal and base. 72 positions displayed. It is made of advanced PVC material.

GD/A15102



GD/A15105 Female Genital Organs

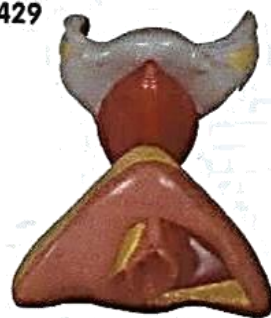
The model consists of 4 parts and is mounted on a stand. It shows the internal and external female genital organs. 40 positions displayed. It is made of Advanced PVC material.

GD/A15105

**XC-429 Female Internal & External Genital Organs**

This model is served as a visual aid in teaching human anatomy in nursing schools and medical colleges. It shows the entire female genital organs including uterus, uterus appendix (fallopian tube, ovary and its membrane, ligament teres uteri, ligament ovary proprium), vagina and the structure of external genital organ. Part of uterus and vagina are dissected to show its internal structures. Size: life-size.

XC-429

**GD-F9B Female Contraception Practice Simulator****Features:**

1. Imported material, high-quality and environmental protection.
2. Simulated 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.

GD-F9B

**SKIN****XC-313 Enlarged Skin Model**

A greatly enlarged (105 times) cross sectional view of the human skin showing three layers and a close-up view of a hair follicle, sweat gland, fatty tissue and more. Front side and back view. Not dissectible. Shows the structures of the human scalp as follows:-

- ✦ Structure of the skin : epidermis, dermis, hypodermis
- ✦ Appendages of the skin : the sweat glands, the sebaceous glands, the hairs
- ✦ Blood vessels and nerves of the skin
- ✦ Mounted on a plastic base.

XC-313

**XC-313-2 Skin Block Model**

This model shows a section of human skin in three dimensional forms. Hair, sebaceous and sweat glands, receptors, nerves and vessels are shown in detail. 70 time enlarged.

XC-313-2



GD/A16011 Lymphatic System

GD/A16011



This model shows the component and structure of the lymphatic system and it displays around 63 positions. It is made of advanced PVC materials.

XC-325 Palm Anatomy

These life size models show the superficial and internal structures of the palm. Consist of 4 parts.

XC-325

**XC-326 Normal Flat and Arched Foot**

This model shows the anatomical structure and the distal end of tibia of normal, flat and arched foot.

XC-326

**ZX 3101 Animal Cell**

ZX 3101

**DN001 DNA**

DN001

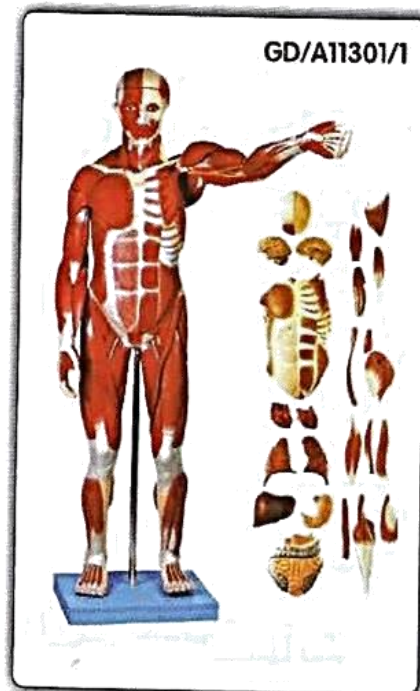


GD/A11301/1 Full Size Human Body Showing Muscles & Organs (86 Cm) :

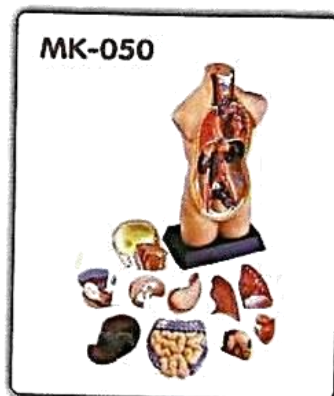
This full size high quality muscular figure represents a wide variety of human anatomical structures with accurate details. Hence its suitable for various medical colleges, universities, nursing training institutes, laboratories & hospitals.

This model consists of 27 parts, such as muscles of chest wall and abdomen, muscles of upper and lower limbs, skull, brain and viscus. It shows the structure of head, neck, torso, upper and lower limbs, muscles, muscular tendon, ligaments, viscus, blood vessels, brain, etc.

Material : Advanced PVC and painted with imported paint.

**MK-050 Human Torso**

- ✦ Hand painted in vivid and natural colours
- ✦ 11 dissectible parts
- ✦ ABS Base
- ✦ Fully illustrated colour
- ✦ Instructional manual

**MK-064 56cm (22") visible Expectant Mother Anatomy Kit :**

- ✦ Complete Skin, Skeleton and Vital Organs
- ✦ Learn the different part of the Human Body
- ✦ Easy Assembly
- ✦ Illustrated Instruction Manual

**XC-204 Unisex Torso 23 Parts (85 cm)**

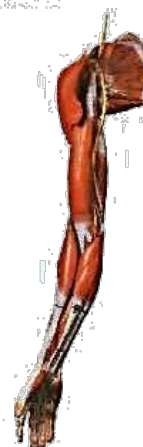
This outstanding torso features an exposed spine with removable vertebrae and spinal cord segments, a female breast plate and interchangeable male and female genitalia. The female organs include a fetus in the womb. Dissectible into 23 parts : torso, female breast plate, head, eyeball, brain, vertebra, spinal nerves, lung (2 parts), heart (2 parts), liver, kidney, stomach (2 parts), intestines (4 parts), male genitalia (2 parts), female genitalia with fetus (3 parts).

Made of PVC plastic. Mounted on a plastic base.



GD/A11305 Muscles of Arm with main Vessels and Nerves**Features:**

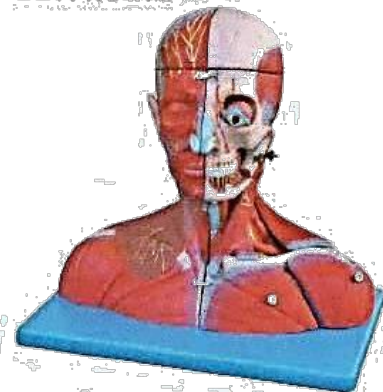
1. The model shows the network of blood vessels and nerves in the right arm, short and long extensor muscle of the radial wrist with branchioradial muscle, round pronator muscle, superficial flexor muscle of the fingers.
2. Separated into 6 parts and 87 positions displayed.

GD/A11305**GD/A11308 Muscles of Leg with main Vessels and Nerves****Features:**

1. The standing model shows the most important blood vessels and nerves in the left leg, greatest gluteal muscle, tensor muscle of the broad fascia, sartorius muscle, strait muscle of the femur, semi-membranous muscle, semitendinous muscle, biceps muscle of the femur, digitorum longus muscle, triceps muscle of the calf.
2. Separated into 10 parts and 82 positions are displayed

GD/A11308**GD/A18212 Head and Neck with Blood Vessels, Nerves and Brain****Features:**

1. Separated into 19 parts such as:
 Mimic muscular system with the deep-set muscles
 Left temporomaxillary articulation
 Sternocleidomastoid muscle
 Carotid trigone
 Trapezium Muscle
 Pectoral major muscle
 Deltoid Muscle
 Clavicle
 Eyes with muscle and nerves
 Cranium
 Brain with arteries
2. 190 positions are displayed

GD/A18212

GD/B10002 Lower Jaw of 12 year Old

GD/B10002



Features :

1. The model shows the shape and conformation of the sets of permanent teeth of child (11-14 years old), as well as the structure of the decayed teeth.
2. 21 positions are displayed.

GD/B10003 Lower Jaw of 18 year Old

GD/B10003



Features :

1. The model shows the left half of the lower jaw.
The canine and first molar can be taken out and are detachable.

GD/B10005/2 Dental Caries Model

GD/B10005/2



Features :

1. The model shows the dental caries in initial and advanced stages.
2. 16 positions are displayed.

GD/B10005/1 Molar Model

Features :

1. The model can be divided to 6 parts.
2. 14 positions are displayed.

GD/B10005/1



GD/B10004/1

GD/B10004/1



Lower Incisor

GD/B10004/2

GD/B10004/2



Lower Canine

GD/B10004/3

GD/B10004/3



Lower Molar with One Root

GD/B10004/4

GD/B10004/4



Lower Incisor with two Roots

GD/B10004/5

GD/B10004/5



Lower First Upper Molar with Three Roots

GD/B10006 Development of a Set of Teeth

GD/B10006

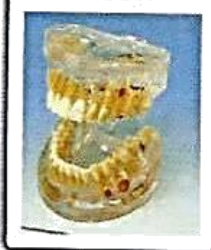


Features :

1. The model shows the development from temporary teeth to the germination of the permanent teeth, demonstrating the teeth at the ages of less than 6 months, 2 years, 5 to 7 years, 17 to 26 years.
2. Each model shows the upper and lower jaws of right side. They demonstrate the procedures of the germination of temporary teeth, replacement of the teeth, the germination of the permanent teeth, as well as the development of the upper and lower jaws and maxillary sinus.
3. 18 positions are displayed.

GD/B10011 Transparent Dental Pathology Model

GD/B10011



Features :

The model includes maxillary dentition and mandibular dentition, and displays the structure of adult maxillary teeth, adult mandibular teeth, dental caries, pulpitis, gingival fistula and silver amalgam filling repair, etc; a total of 16 indication signs.

GD/B10015/2 Clinical model of Endodontics

GD/B10015/2

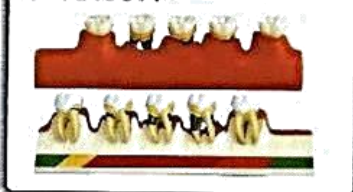


Features :

The model includes 5 parts, such as dental cavities, pulp necrosis, periapical abscess, premolar ready to be filled and a tooth repaired with alloy and displays the clinical treatment for dental caries and pulpitis with periapical abscess; there are 5 indication signs.

GD/B10014 Periodontal Disease Model

GD/B10014



Features :

The model includes 5 parts and displays the structure of normal mandibular molar and periodontal disease development process; a total of 15 indication signs.

NS-6503 Teeth Model in Oral Cavity

NS-6503



- ◆ Life size, dental and oral cavity are separable
- ◆ Precise anatomical structure, include: Jaw gum, Upper dental arch, interior dental arch, tongue
- ◆ Mouth Care
- ◆ Demonstration of proper brushing teeth method.

TH-001 Giant Dental Care Model with Toothbrush

TH-001



- ◆ 2.0x full size model
- ◆ Giant teeth ;
- ◆ Giant toothbrush

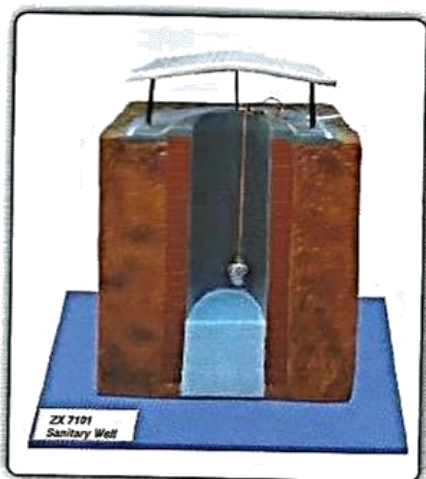
TH-002 Dental Model

TH-002

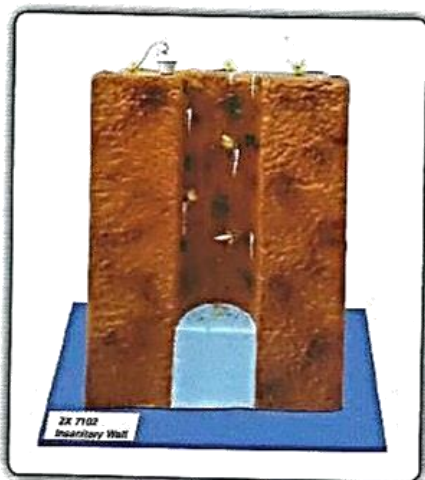


- ◆ 1.5x model with Hinge
- ◆ Realistic Shape and Details

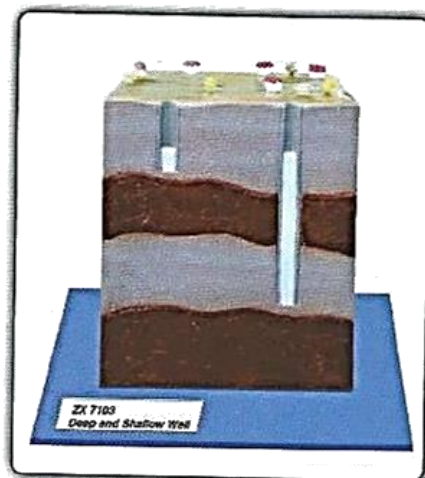
COMMUNITY HYGIENE



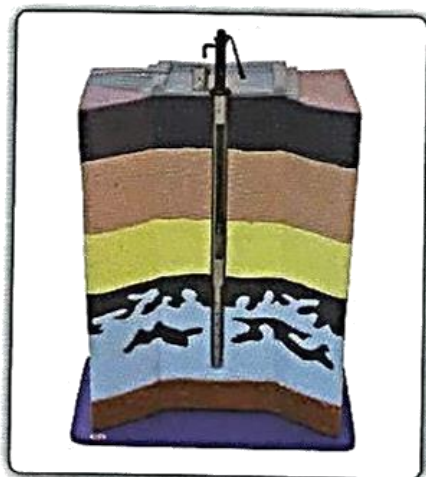
ZX 7101 - Sanitary Well



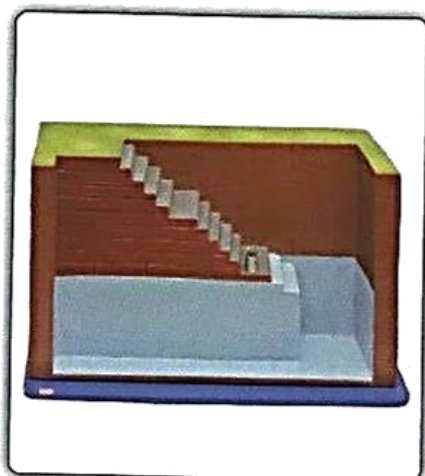
ZX 7102 - Insanitary Well



ZX 7103 - Deep and Shallow Well



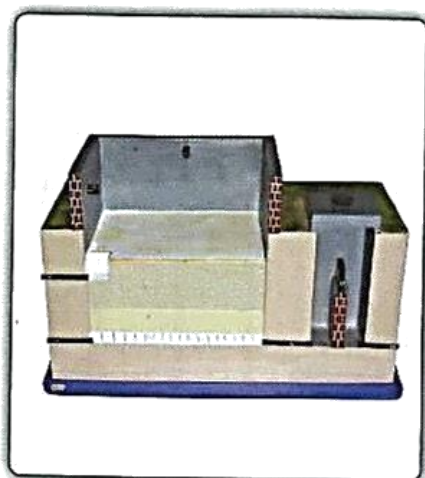
ZX 7104 - Deep Tube Well



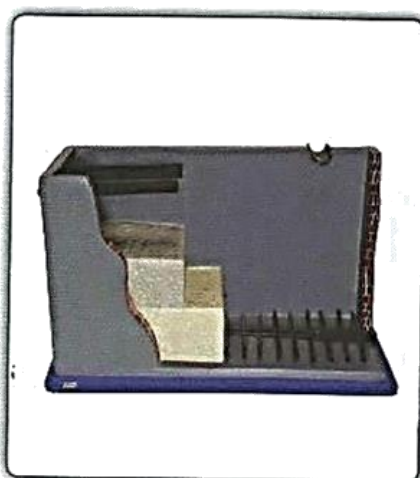
ZX 7105 - Step Well



ZX 7106 - Berkefeld Filter

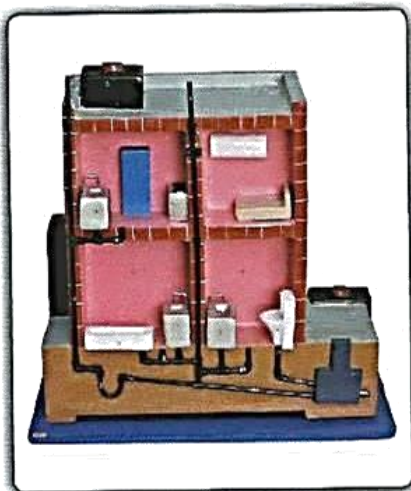


ZX 7107 - Slow Sand Filter



X 7108 - Rapid Sand Filter

ENVIRONMENTAL SANITATION



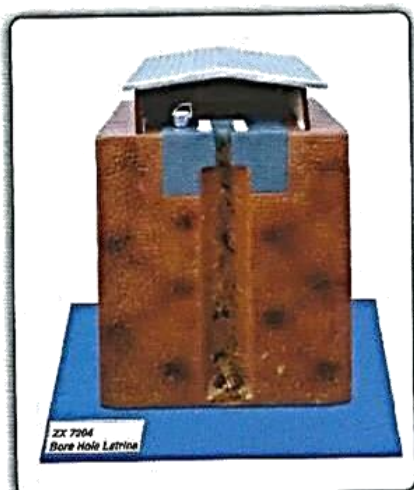
ZX 7201 - House Drainage System



ZX 7202 - Chamber Type Incinerator



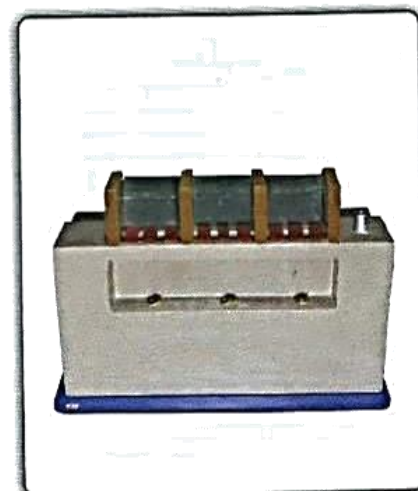
ZX 7203 - Activated Sludge Process



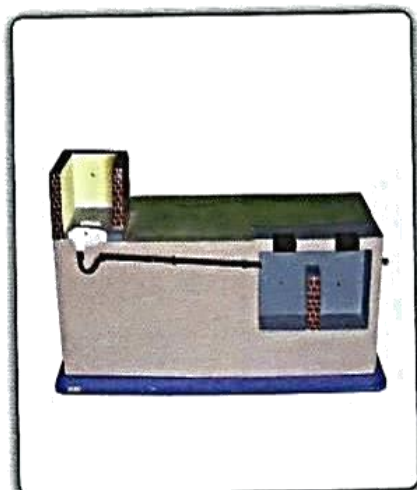
ZX 7204 - Bore Hole Latrine



ZX 7205 - Dug Well Latrine (Pit Latrine)



ZX 7206 - Trench Latrine



ZX 7207 - Septic Tank Latrine



ZX 7208 - Biogas Plant



ZX 7209 - Smokeless Chulha

Community Health Bag



Community Health Bag (CHB)
Size : 13.5 (L) x 5.5 (B)

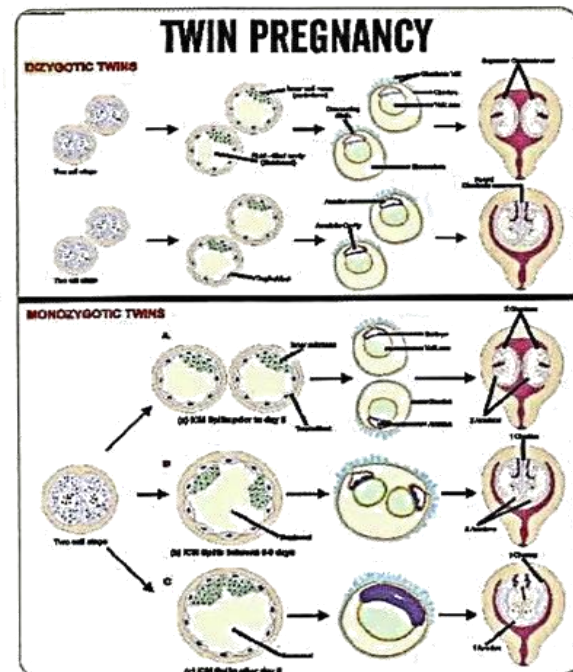
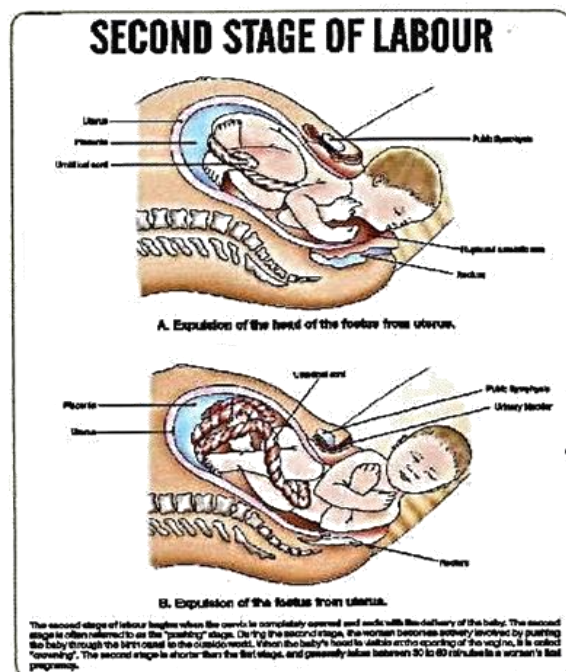
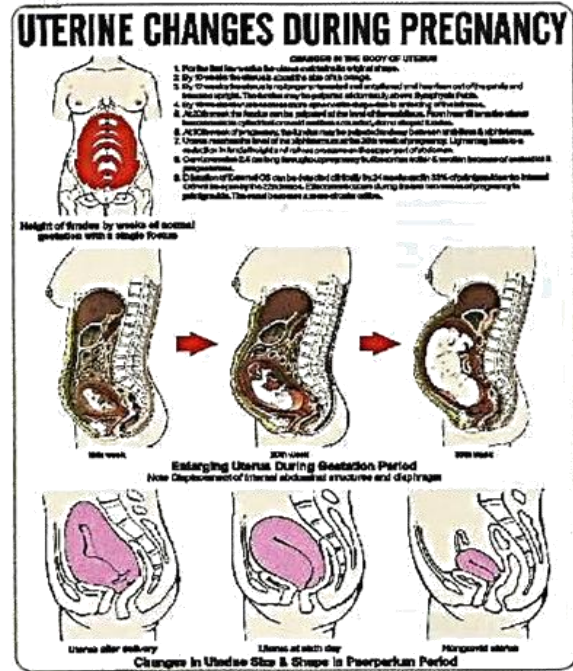
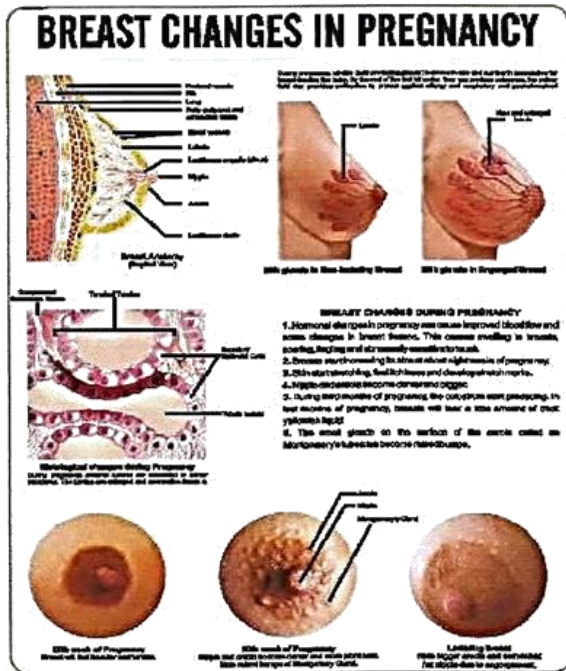
Products

- | | |
|-----------------------------------|----------------------------------|
| 1 Spirit Lamp | 11 Forcep Non Toothed 5" |
| 2 Test Tube Holder | 12 Artery Forcep (straight) 6.5" |
| 3 Test Tube 5" | 13 Thermometer Clinical |
| 4 Kidney Trays 6" Stainless Steel | 14 Spring Balance |
| 5 Syringe 5ml | 15 Towel |
| 6 Stethoscope | 16 Measuring Tape |
| 7 Feotoscope | 17 Soap Dish |
| 8 Suture Cutting Scissor | 18 Nail Brush |
| 9 Dressing Scissor (Big) 6" | 19 Dropper |
| 10 Forcep Toothed 6" | 20 Small Bowl |

MIDWIFERY & CHILD HEALTH NURSING CHARTS

Laminated & Fitted With Best Quality Plastic Rollers Or Rigid Chemical Lamination, Aluminium Frame with Markable Surface.
Size 51 x 66 cm. Set of 20 Charts.

INC01	Breast Changes in Pregnancy	INC11	Brow Presentation
INC02	Uterine Changes in Pregnancy	INC12	Twin Pregnancy
INC03	First Stage of labour	INC13	Placenta Praevia
INC04	Second Stage of labour	INC14	Caput Succedaneum, Cephalhaematoma
INC05	Third Stage of labour	INC15	Congenital Malformation of New Born
INC06	Complete Breech Presentation	INC16	Cleft lip-Palate
INC07	Incomplete Breech Presentation	INC17	Spina Bifida
INC08	Foot Presentation	INC18	Hydrocephalus
INC09	Shoulder Presentation	INC19	Anencephalus
INC10	Face Presentation	INC20	Breast Self Examination



IMPORTANT NURSING CHARTS

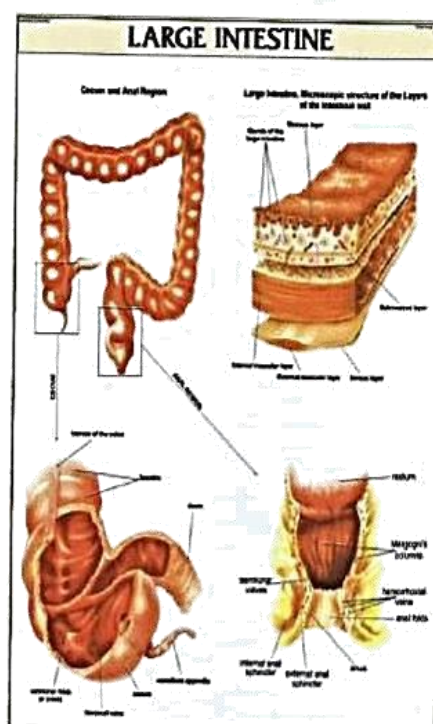
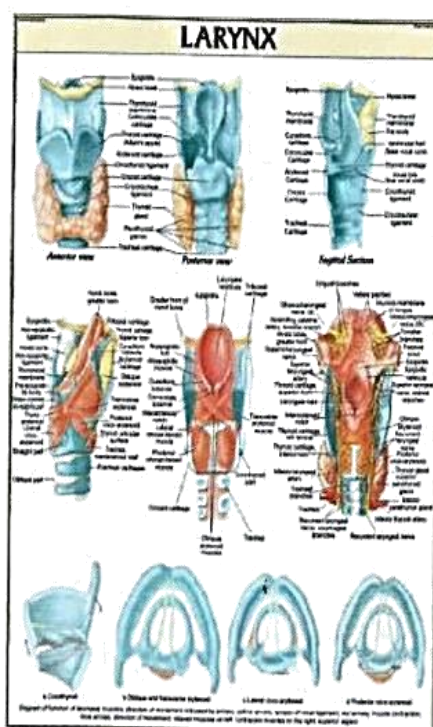
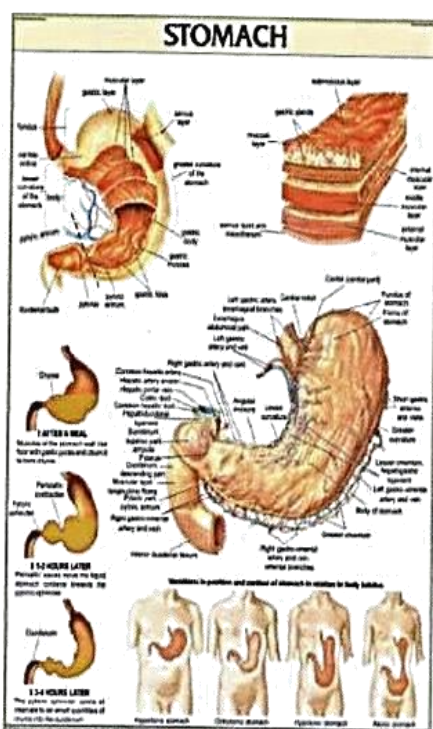
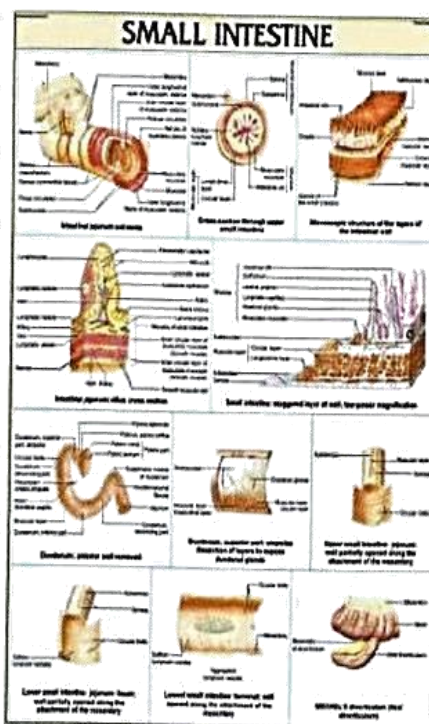
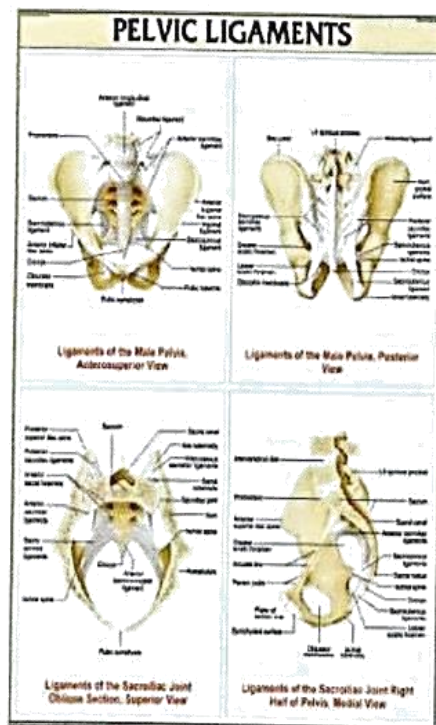
Laminated & Fitted With Best Quality Plastic Rollers Or Rigid Chemical Lamination, Aluminium Frame with Markable Surface.
Size 51 x 66 cm

DMN001
DMN002
DMN003
DMN004
DMN005
DMN006
DMN007
DMN008
DMN009

Human Skeleton
Different Types of Joints
Different Types of Vertebra, Atlas
Different Types of Vertebra, Axis
Different Types of Vertebra, Cervical
Different Types of Vertebra, Thoracic
Different Types of Vertebra, Lumbar
Different Types of Arm Bones
Different Types of Bones, Scapula

DMN010
DMN011
DMN012
DMN013
DMN014
DMN015
DMN016
DMN100

The Pelvic Girdle
Different Types of Leg Bones
Human Hand & Foot Bones
Ligaments of Spinal Column
Ligaments of Upper Limb
Ligaments of Lower Limb
Pelvic Ligaments
Dentition - Teeth Types

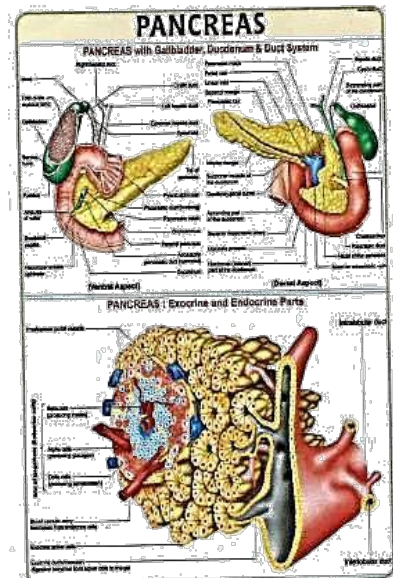
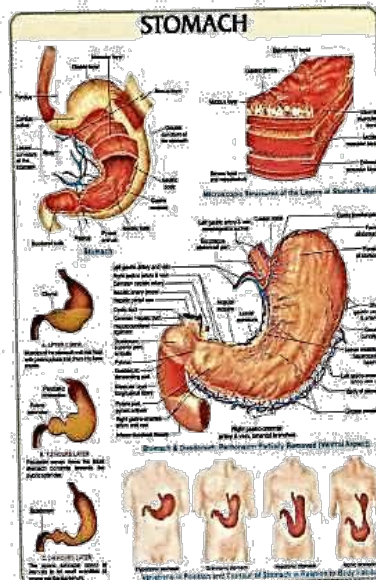
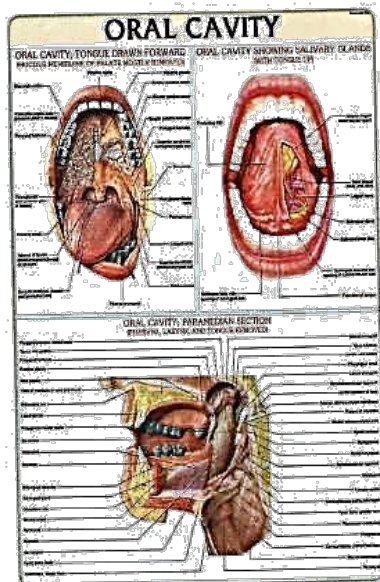
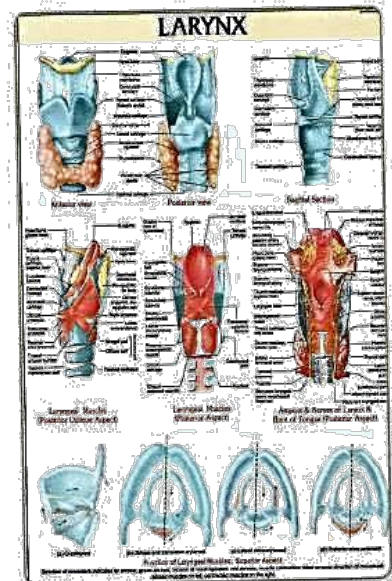
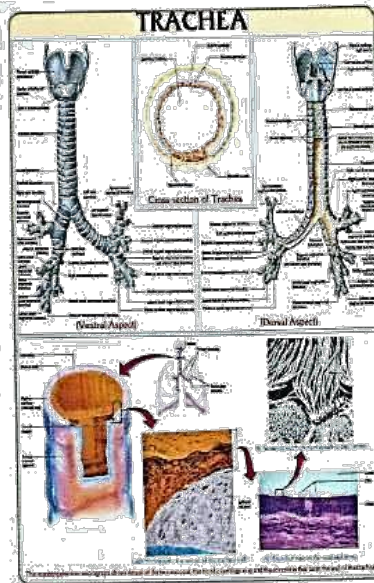
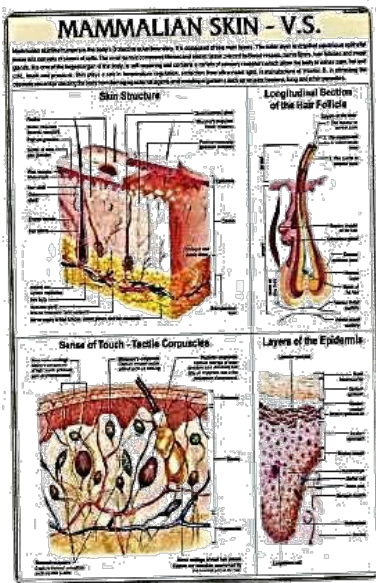


IMPORTANT NURSING CHARTS

Laminated & Fitted With Best Quality Plastic Rollers Or Rigid Chemical Lamination, Aluminium Frame with Markable Surface.
Size 51 x 66 cm

- DMN101 Mammalian Skin V. S.
- DMN102 Trachea
- DMN103 Larynx
- DMN104 Oral Cavity
- DMN105 Stomach
- DMN106 Pancreas
- DMN107 Spleen
- DMN108 Small Intestine
- DMN109 Large Intestine
- DMN110 Tongue
- DMN111 The Eye : Anterior & Posterior Chambers
- DMN200 Blood Circulatory System
- DMN201 Reproductive System
- DMN202 Portal system
- DMN300 Baby Development
- DMN301 Feeding Schedule of Preterm Infants
- DMN302 Placenta Membranes
- DMN400 CPR Infant
- DMN401 CPR Child
- DMN402 CPR Adult

- DMN500 Ocular Infections
- DMN501 Anxiety Disorders
- DMN502 Obsessions and Compulsions
- DMN503 Schizophrenia
- DMN504 Bicornuate Uterus
- DMN505 Fibroid Uterus
- DMN506 Fibroadenoma Breast
- DMN507 IUGR Baby
- DMN508 Hydatidiform Mole
- DMN509 Hydrosalpinx
- DMN700 Stages of Human Development
- DMN701 Cross Sectional Anatomy : Thoracic Vicera
- DMN702 Cross Sectional Anatomy : Abdominal Vicera
- DMN703 Cross Sectional Anatomy : Pelvic Vicera
- DMN900 Differentiation of Head & Pubic hairs



CHARTS ON FOOD AND NUTRITION

Laminated & Fitted With Best Quality Plastic Rollers Or Rigid Chemical Lamination, Aluminium Frame with Markable Surface.
Size 70 x 100 cm. Set of 10 Charts.

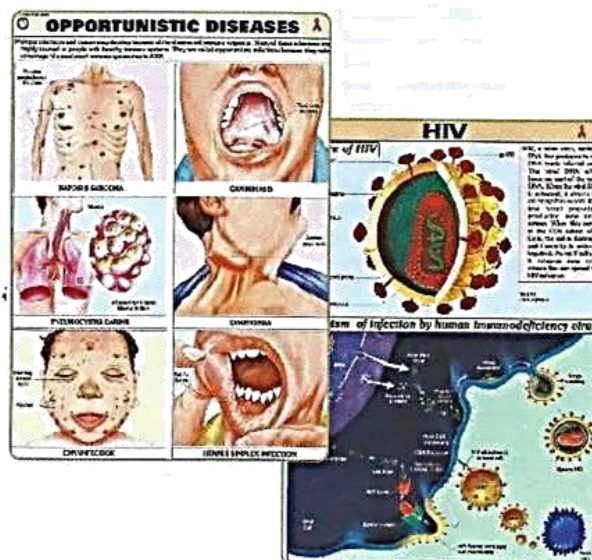
- FN01 OUR FOOD :** Chart shows various components and functions of food. It also illustrates food pyramid mentioning balance diet and daily requirement of nutrients by different age groups.
- FN02 PROTEINS :** Chart shows both animal and plant sources of protein. It also explains various functions performed by proteins in our body and some special conditions of high protein needs.
- FN03 FATS :** Chart shows a brief classification of fats with a mention of essential fatty acids. It also shows some of the important functions and sources of fats.
- FN04 CARBOHYDRATES :** Chart shows classification of carbohydrates as simple and complex with their various functions in the body. It also shows various foods rich in carbohydrates.
- FN05 VITAMINS :** Good explanatory chart depicting both fat soluble and water soluble vitamins with their various sources and reasons of requirement in the body.
- FN06 MINERALS :** Important minerals like Sodium, Iron, Calcium, Iodine etc. required in our body to live a healthy life are shown in the chart. Chart also shows various functions they perform and their sources.
- FN07 WATER & ROUGHAGE :** Chart shows the importance of water and roughage and some major functions performed by them in the body. Chart also gives a good knowledge about their sources.
- FN08 DEFICIENCY DISEASES :** Chart shows the havoc conditions arise due to deficiency of various nutrients in the body and their symptoms. The understanding of chart will indicate the importance of good balanced diet.
- FN09 OVER NUTRITION DISORDERS :** Chart shows that not only deficiency but also the over consumption of food is not good for health. Various overnutritional disorders with their causes and symptoms are depicted in the chart.
- FN10 FOOD'S NUTRITIVE VALUE :** Chart shows the nutrient's composition of various common foodstuffs in a tabular form.



CHARTS ON AIDS

Laminated & Fitted With Best Quality Plastic Rollers Or Rigid Chemical Lamination, Aluminium Frame with Markable Surface.
Printed on Polyart Synthetic Paper. Size 70 x 100 cm. Set of 8 Charts.

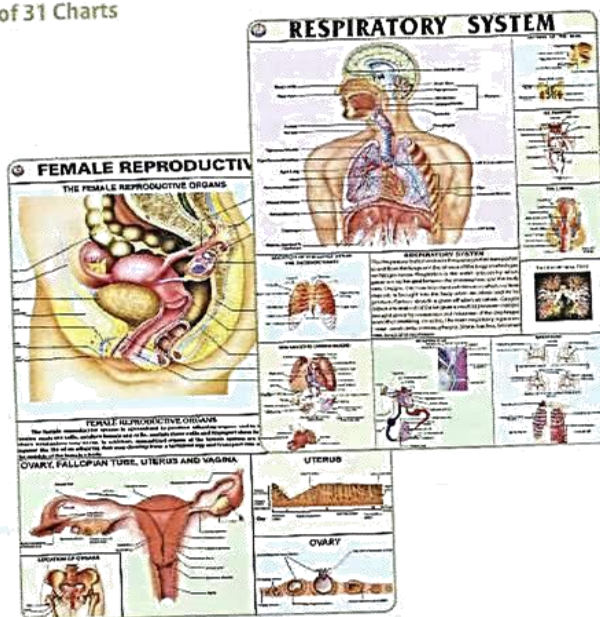
- AS01S HIV:** showing structure and mechanism of infection of Human Immunodeficiency Virus
- AS02S TRANSMISSION OF HIV:** explaining different ways which can spread the HIV infection and cause AIDS.
- AS03S PREVENTION:** showing various measures which, when adopted, prevent transmission of HIV infection.
- AS04S HOW AIDS IS NOT TRANSMITTED:** showing various routine tasks which are not involved in transmission of HIV.
- AS05S PROGRESS OF INFECTION:** showing how HIV Infection typically progresses through various stages.
- AS06S OPPORTUNISTIC DISEASES:** depicting complications which an AIDS patient develops that otherwise wouldn't normally occur in a person with a healthy immune system.
- AS07S SEXUALLY TRANSMITTED DISEASES:** showing various sexually transmitted diseases which increase the chances of acquiring HIV infection by an individual when exposed to the virus.
- HP26S HUMAN IMMUNE SYSTEM:** showing different organs involved in a healthy immune mechanism. As AIDS progressively weakens the immune system, chart gives an outline of functions of Immune System to better understand what AIDS can do.



HUMAN PHYSIOLOGY CHARTS

Laminated & Fitted With Best Quality Plastic Rollers Or Rigid Chemical Lamination, Aluminium Frame with Markable Surface.
Printed on Synthetic in original colours.
Each size 70 x 100 cms. Set of 31 Charts

HP01S	The Skeleton	HP17S	Human Teeth
HP02S	Human Muscles	HP18S	Pregnancy & Birth
HP03S	Blood Circulation	HP19S	Human Kidney
HP04S	Nervous System	HP20S	Urinary Tract
HP05S	Digestive System	HP21S	Human Skull
HP06S	Human Eye	HP22S	Ear, Nose, Throat
HP07S	Human Ear	HP23S	Liver, Gallbladder & Pancreas
HP08S	Kidney, Skin & Excretory Organs	HP24S	Human Lungs
HP09S	The Respiratory System	HP25S	Joints of Human Body
HP10S	Human Heart	HP26S	Immune System
HP11S	Endocrine System	HP27S	Human Skin
HP12S	Male Reproductive System	HP28S	Movable Joints
HP13S	Female Reproductive System	HP29S	Human Spinal Cord
HP14S	Human Embryology	HP30S	Menstrual Cycle
HP15S	Lymphatic System	HP31S	Contraception (Birth Control)
HP16S	Human Brain		



FIRST AID CHARTS

Laminated & Fitted With Best Quality Plastic Rollers Or Rigid Chemical Lamination, Aluminium Frame with Markable Surface.
Size 50 x 75 cm. Set of 15 Charts.

- FA01 **SKELETON & CIRCULATORY SYSTEM:** Gives the basic knowledge of human body.
- FA02 **TRIANGULAR BANDAGES:** Slings, knots and bandages for various parts of body.
- FA03 **ROLLER BANDAGES:** A protective covering for wound or fracture, various methods of bandaging.
- FA04 **FRACTURES:** Showing simple and compound fractures, treatment of fracture in various parts of body.
- FA05 **ARTIFICIAL RESPIRATION:** Showing Schafer's method, Silvester's method & Holger Nielsen's method of artificial respiration. Outline of Respiratory system and what is suffocation.
- FA06 **TRANSPORT OF THE INJURED:** How to carry an injured person so that minimum movement of the injured portion is assured.
- FA07 **UNCONSCIOUSNESS:** Sun Stroke, fainting, epileptic fit, Hysteria, Infantile convulsions, drowning.
- FA08 **HAEMORRHAGE:** Location of main arteries in the body and pressure points where when pressed, bleeding can be controlled.
- FA09 **ELECTRIC SHOCK TREATMENT:** How to remove live wires, treatment & whom to contact.
- FA10 **EMERGENCY RESUSCITATION:** Mouth to mouth and Mouth to nose method. How to give external cardiac chest compression.
- FA11 **REMOVAL OF FOREIGN BODIES FROM EYE, EAR, NOSE:** Various precautionary methods to remove the foreign bodies and to ensure safety of organs.
- FA12 **BURNS & SCALDS:** Type of burns, treatment of chemical burns, clothing on fire.
- FA13 **SNAKES & THEIR BITES:** Type of snakes, Identification of snakes on the basis of appearance, treatment of snake bite.
- FA14 **POISONS AND THEIR ANTIDOTES:** Various type of poisons, their symptoms & their treatment.
- FA15 **OUTLINE OF FIRST AID & APPLIANCES:** What is First Aid, Qualities of a First Aider and essential appliances to give first aid.

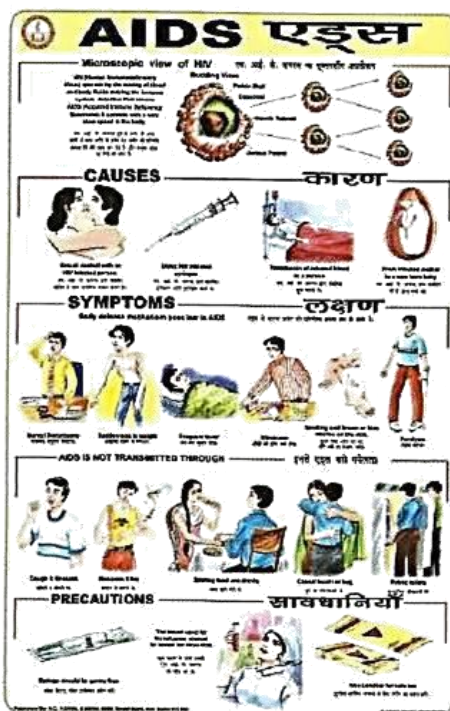


HEALTH, HYGIENE & SANITATION CHARTS

PREVENT THE DISEASES

Laminated & Fitted With Best Quality Plastic Rollers Or Rigid Chemical Lamination, Aluminium Frame with Markable Surface.
Size 50 x 75 cm. Set of 24 Charts.

- | | |
|------|-----------------------|
| PD01 | Cholera |
| PD02 | Malaria |
| PD03 | AIDS |
| PD04 | Plague |
| PD05 | Tuberculosis |
| PD06 | Leprosy |
| PD07 | Influenza |
| PD08 | Jaundice |
| PD09 | Cancer |
| PD10 | Typhoid |
| PD11 | Viral Diseases |
| PD12 | Chicken Pox |
| PD13 | Dysentery |
| PD14 | Hepatitis |
| PD15 | Heart Attack |
| PD16 | Diabetes |
| PD17 | Asthma |
| PD18 | Arthritis |
| PD19 | Thyroid |
| PD20 | Blood Pressure |
| PD21 | Dengue |
| PD22 | Measles |
| PD23 | Food Poisoning |
| PD24 | Poliomyelitis (Polio) |



HEALTH CARE SERIES

Laminated & Fitted With Best Quality Plastic Rollers Or Rigid Chemical Lamination, Aluminium Frame with Markable Surface.
Size 50 x 75 cm. Set of 10 Charts.

- | | | | |
|------|-------------------------------|------|----------------------|
| HC01 | Health Rules | HC06 | Clean Body |
| HC02 | Causes of Diseases | HC07 | Clean Water |
| HC03 | Prevention of Diseases | HC08 | Constituents of Food |
| HC04 | Effects of Alcohol | HC09 | Malnutrition |
| HC05 | Tobacco & Habit Forming Drugs | HC10 | Immunization |

