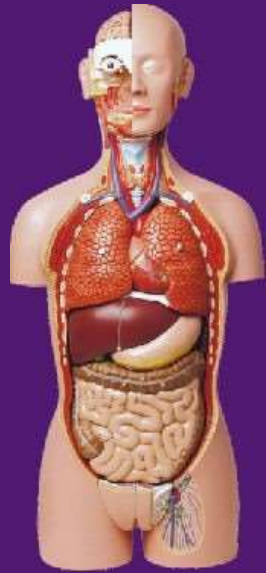
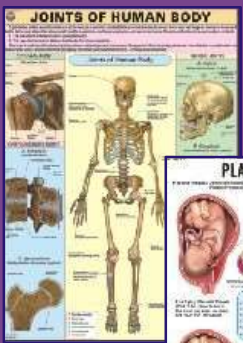


# YSP-NURSING & MEDICAL

## CATALOGUE



SKILL DEVELOPMENT IS NECESSARY FOR A BETTER WORLD



### CHARTS ON

- Nurse Training
- Yoga & First Aid
- Food & Nutrition
- Health & Hygiene
- Human Physiology
- Genetics & Evolution
- Science & Technology

### MODELS ON

- Nurse Training
- Delivery Training
- Suturing Training
- Injection Training
- Trauma Simulator
- Torso & Manikin
- Joints & Skeleton
- Community Health
- Physiology & Anatomy
- CPR

# YSP - SCIENTIFIC SOLOUTIONS

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### IMPORTANT NURSING CHARTS

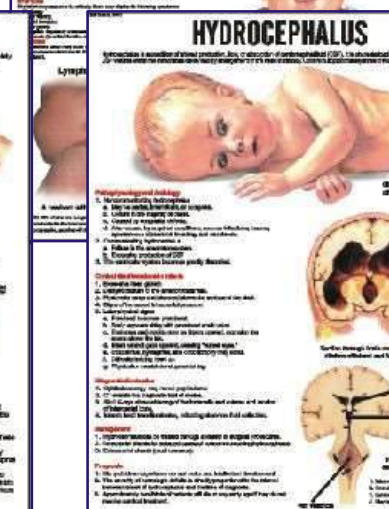
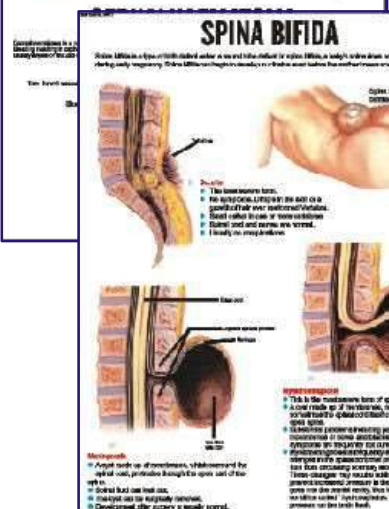
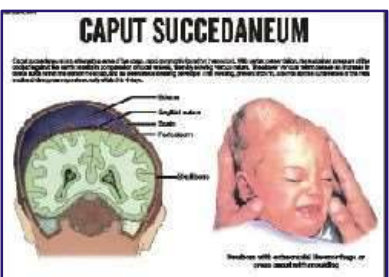
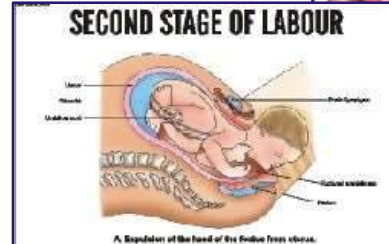
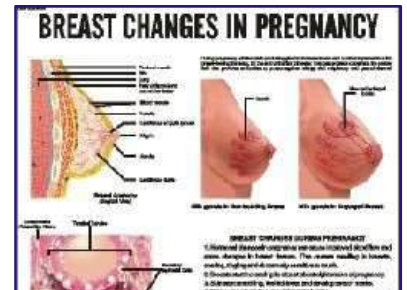
Size 51 × 66 cm

Rigid lamination on board with aluminium frame

Flexible lamination and fitted with rollers

**CODE NO.**      **NAME OF THE CHART**

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



### NEW DIGITALLY PRINTED CHARTS

Size : 51 x 66 cm

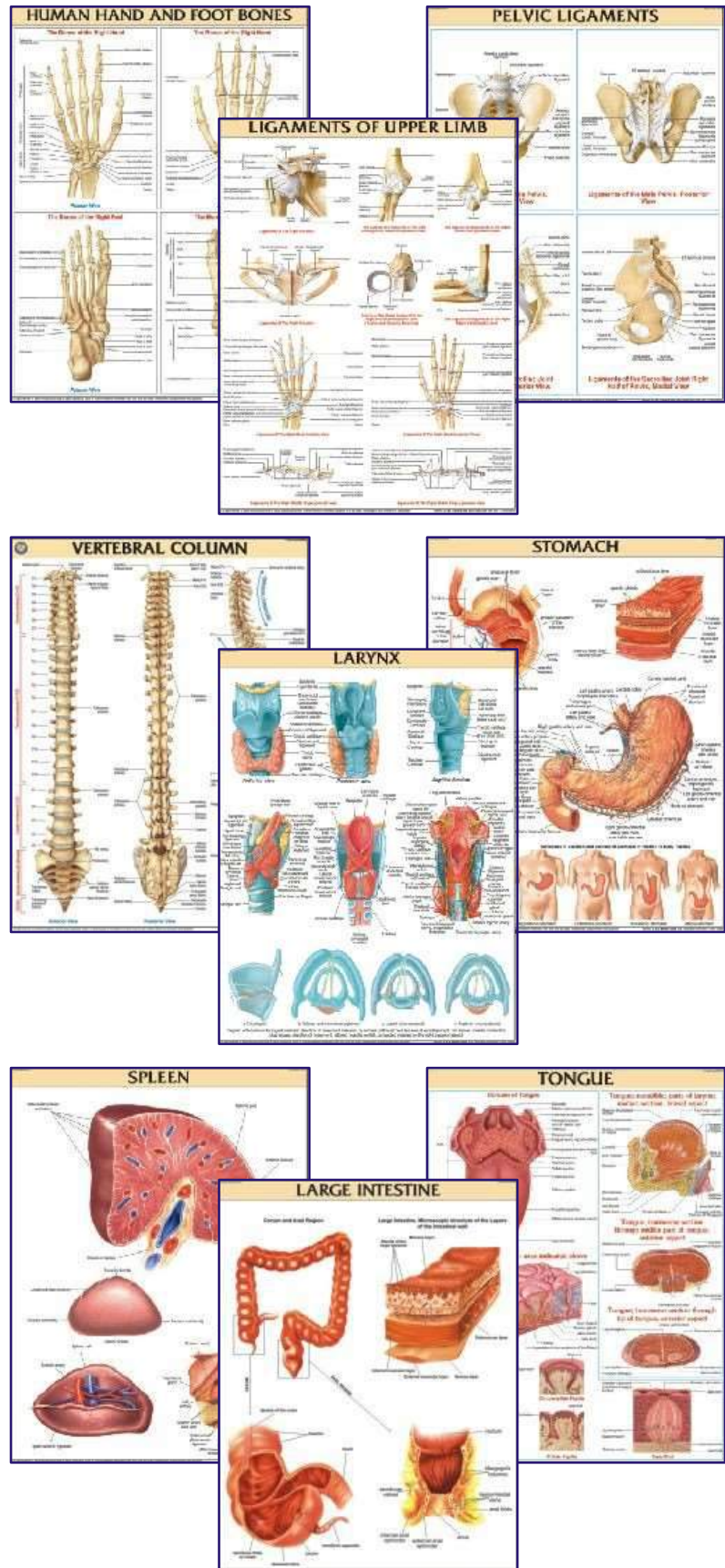
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Flexible lamination and fitted with rollers

#### ORTHOPAEDICS

- DMN001 Human Skeleton
- DMN002 Different Types of Joints
- DMN003 Different Types of Vertebra, Atlas
- DMN004 Different Types of Vertebra, Axis
- DMN005 Different Types of Vertebra, Cervical
- DMN006 Different Types of Vertebra, Thoracic
- DMN007 Different Types of Vertebra, Lumbar
- DMN008 Different Types of Arm Bones
- DMN009 Different Types of Bones, Scapula
- DMN010 The Pelvic Girdle
- DMN011 Different Types of Leg Bones
- DMN012 Human Hand & Foot Bones
- DMN013 Ligaments of Spinal Column
- DMN014 Ligaments of Upper Limb
- DMN015 Ligaments of Lower Limb
- DMN016 Pelvic Ligaments
- DMN017 Hip and Knee ★ NEW ★
- DMN018 Vertebral Column ★ NEW ★
- DMN019 Bone: Structure & Formation ★ NEW ★

#### ANATOMY & PHYSIOLOGY

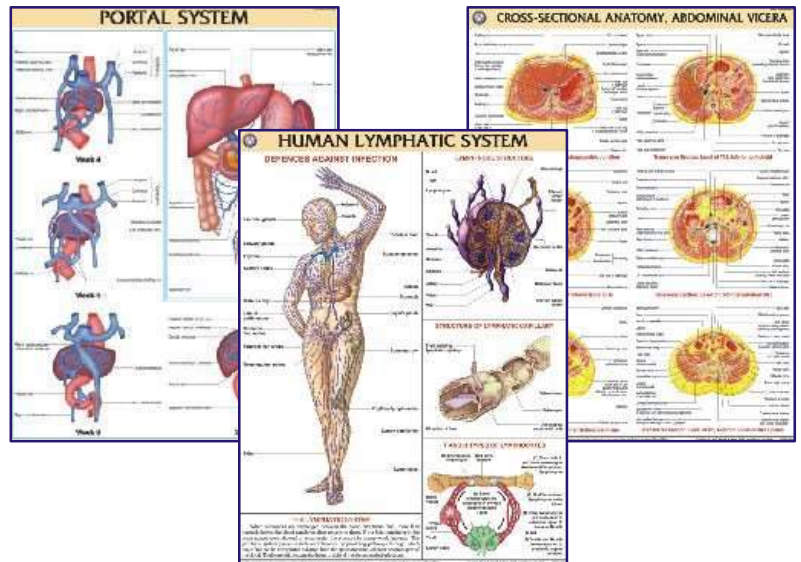
- DMN100 Dentition - Teeth Types
- DMN101 Mammalian Skin V. S.
- DMN102 Trachea
- DMN103 Larynx
- DMN104 Oral Cavity
- DMN105 Stomach
- DMN106 Pancreas
- DMN107 Spleen
- DMN108 Small Intestine
- DMN109 Large Intestine
- DMN110 Tongue
- DMN111 The Eye : Anterior & Posterior Chambers
- DMN112 Anatomy of Uterus ★ NEW ★
- DMN113 Structure of an Ovary ★ NEW ★
- DMN114 Ear, Nose & Throat ★ NEW ★
- DMN115 Anatomy of the Heart ★ NEW ★
- DMN116 Anatomy of the Inner Ear ★ NEW ★



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Flexible lamination and fitted with rollers

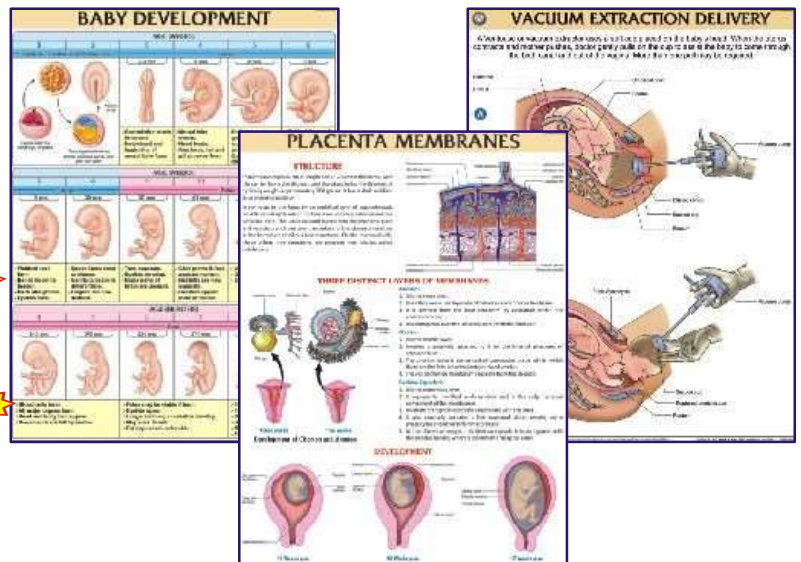
### ANATOMY & PHYSIOLOGY

- DMN200 Blood Circulatory System
- DMN201 Reproductive System
- DMN202 Portal System
- DMN203 Lymphatic System ★ NEW
- DMN700 Stages of Human Development
- DMN701 Cross-Sectional Anatomy : Thoracic Vicera
- DMN702 Cross-Sectional Anatomy : Abdominal Vicera
- DMN703 Cross-Sectional Anatomy : Pelvic Vicera
- DMN704 Development of Blood Cells ★ NEW



### GYNAECOLOGY & OBSTETRICS

- DMN300 Baby Development
- DMN301 Feeding Schedule of Preterm Infants & Thumb Rules for Growth of Premie
- DMN302 Placenta Membranes
- DMN303 Anatomy of Breast ★ NEW
- DMN304 Dilation & Evacuation abortion ★ NEW
- DMN305 Postpartum Haemorrhage ★ NEW
- DMN306 Antepartum Haemorrhage ★ NEW
- DMN307 Critical Periods in Human Development ★ NEW
- DMN308 Vacuum Extraction Delivery ★ NEW
- DMN309 Family Planning & Birth Control Methods ★ NEW
- DMN310 Fetal Skull Development ★ NEW
- DMN311 Fetal Brain Development ★ NEW
- DMN312 Fetal Sex Differentiation ★ NEW



### GENERAL HEALTHCARE & EMERGENCY

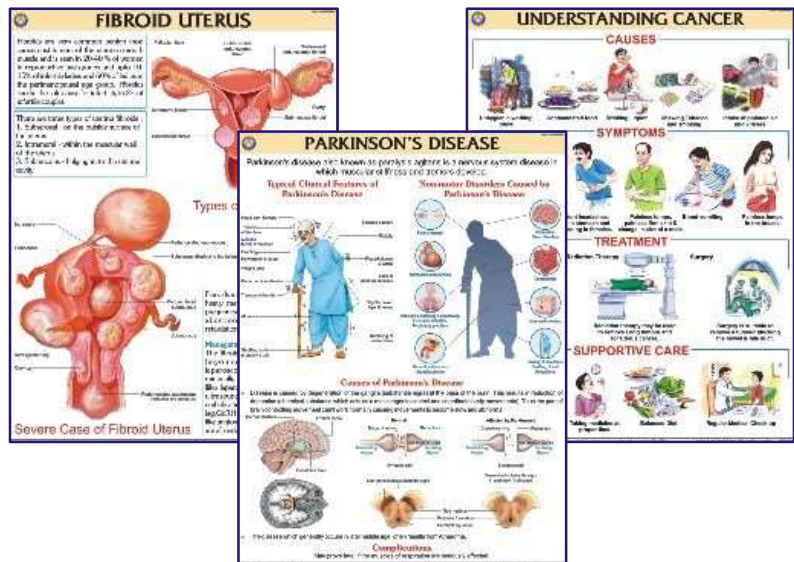
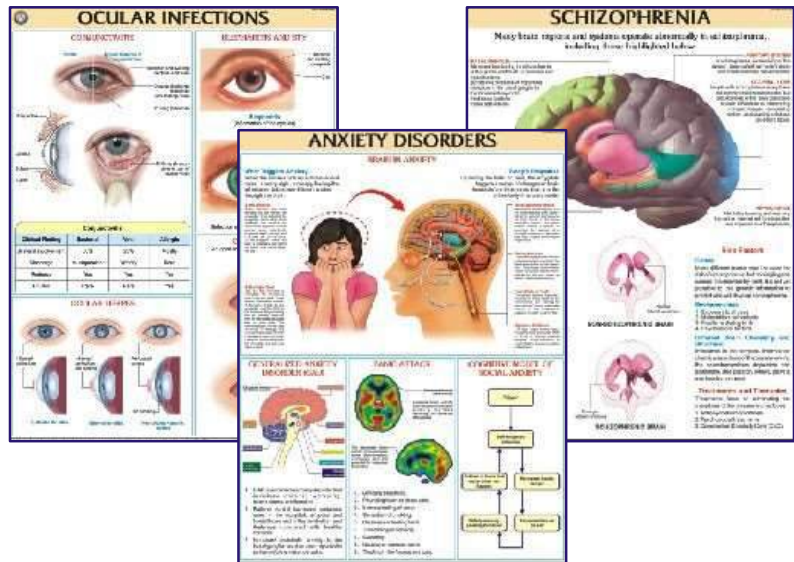
- DMN400 CPR Infant
- DMN401 CPR Child
- DMN402 CPR Adult
- DMN403 Hand Washing Technique ★ NEW
- DMN404 How to Put on Sterile Gloves ★ NEW
- DMN405 Prevent Infections ★ NEW
- DMN406 Exercises During Pregnancy ★ NEW
- DMN407 Intramuscular (IM) injection Sites ★ NEW
- DMN408 Homemade ORS ★ NEW
- DMN409 Back Care ★ NEW
- DMN410 Dast Mein Kya Karein ★ NEW
- DMN411 Autoclave ★ NEW
- DMN412 Body Mass Index (BMI) ★ NEW
- DMN413 Immunization Schedule & Dose ★ NEW
- DMN414 Creatinine Clearance Calculator ★ NEW



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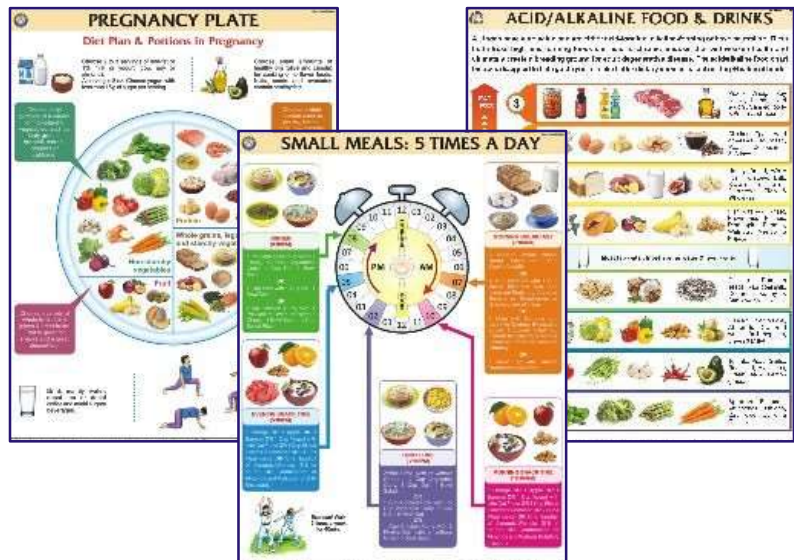
### **PATHOLOGY**

- DMN500 Ocular Infections
- DMN501 Anxiety Disorders
- DMN502 Obsessions & Compulsions
- DMN503 Schizophrenia
- DMN504 Bicornuate Uterus
- DMN505 Fibroid Uterus
- DMN506 Fibroadenoma Breast
- DMN507 IUGR Baby
- DMN508 Hydatidiform Mole
- DMN509 Hydrosalpinx
- DMN510 Syphilis
- DMN511 Parkinson's Disease
- DMN512 Alzheimers's Disease
- DMN513 Epilepsy
- DMN514 Ectopic pregnancy **NEW**
- DMN515 Heart Attack **NEW**
- DMN516 Hypertension **NEW**
- DMN517 Cardiovascular Disease **NEW**
- DMN518 Thyroid Disorder **NEW**
- DMN519 Understanding Cancer **NEW**
- DMN520 Understanding HIV and AIDS **NEW**



### **NUTRITION & DIETETICS**

- DMN800 Top 10 Foods for Lactation **NEW**
- DMN801 What to Eat When Breastfeeding **NEW**
- DMN802 Pregnancy Plate **NEW**
- DMN803 Diet for Chronic Kidney Disease **NEW**
- DMN804 Diabetes Portion Plate **NEW**
- DMN805 Diabetic Food Pyramid **NEW**
- DMN806 Small Meals: 5 Times a Day **NEW**
- DMN807 Acid-Alkaline Food & Drink **NEW**
- DMN808 Food Pyramid **NEW**



### **FORENSIC**

- DMN900 Differentiation of Head & Pubic Hairs

### SKELETON MODELS



**NEW**

#### ZX-S101 Human Skeleton Male Life Size Articulated

- Life size
- Made of PVC
- Bonnet can be removed, Mandible is movable, Teeth are separately installed & all skull foramina, fissures, processes are well depicted.
- Cervical artery, nerves, prolapsed (herniated) disk & hyoid bone shown.
- Coccyx separately mounted.
- Sacral canal clearly depicted.
- Upper limbs & lower limbs can be removed easily.
- Washable & Unbreakable.
- Mounted on stand with rollers.
- Key card / Manual provided.

#### ZX-S101F

#### Human Skeleton Female Life Size Articulated

- "Same as ZX-S101" but female



#### XC-101

#### Human Skeleton

- Life size.
- Made of PVC plastic.
- Removable arms and legs.
- Features nerve branches, herniated lumbar disc and vertebral artery.
- Skull includes movable jaw, cut calvarium, suture lines and three removable lower teeth.
- Mounted on a sturdy base.
- Washable & Unbreakable
- Ideal for teaching the basics of human anatomy.



**NEW**

#### ZX-S101PN Human Skeleton with Muscle Insertion & Ligaments with Flexible Spine

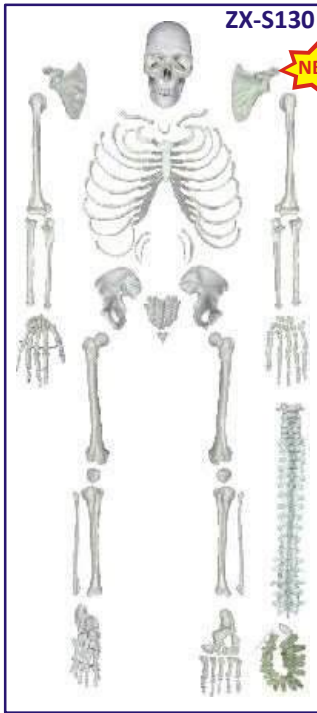
- Life size
- Made of PVC
- Natural cast of a male adult skeleton made.
- Demonstration of anatomically accurate natural movements
- The articular ligaments of the joints are shown on right side.
- The points of origin (Red) and attachment (Blue) of the most important muscles from head to foot are marked in colour on the left side.
- Cervical artery, nerves, prolapsed (herniated) disk & hyoid bone shown.
- Coccyx separately mounted.
- Sacral canal clearly depicted.
- Mounted on stand with rollers.
- 167 features marked.
- Key card / Manual provided.



#### XC-101A

#### Human Skeleton With Muscles & Ligaments

- Life size
- With muscles marking & ligaments
- On pelvic mounted stand with base.
- The skeleton allows you to demonstrate the hand painted muscles origins & flexible joints ligaments.
- This skeleton is made of durable plastic.
- Skull includes movable jaw, cut calvarium, suture lines & three removable lower teeth.
- Washable & Unbreakable
- Ideal for teaching the basics of human anatomy.



ZX-S130

NEW

### ZX-S130 Human Skeleton Disarticulated with Intervertebral Discs

- Life size
- Made of PVC
- Complete set of 201 pcs.
- Ideal for study of individual bones, as well as identification practice for students.
- Skull bonnet can be removed, Mandible is movable & all skull foramina, fissures, processes are well depicted.
- Teeth are separately installed, same as real one, in ceramic white color.
- Right hand and foot are articulated.
- Left hand and foot are disarticulated.
- All intervertebral discs provided.
- Hyoid bone, separate coccyx provided.
- Sacral canal clearly depicted.
- Instructional chart included.
- Key card / Manual provided.



XC-130

### XC-130 Disarticulated Skeleton

- This life size disarticulated skeleton will encourage students to learn the various bones of an Adult Human.
- It is a visual aid for instructions of anatomy to students, doctors, nurses or anyone interested in human skeleton.
- Set of 177 pcs.



ZX-1224

NEW

### ZX-1224 Fetus Skeleton Model

- 40 cm tall
- Made of PVC
- This 32 weeks old fetus skeleton is anatomically accurate and its of deluxe quality.
- Skull is removable
- Model is rigid with stand & base.
- Key card / Manual provided.



ZX-S103

NEW

### ZX-S103 Desktop Skeleton 45 cm

- 45 cm
- Made of PVC
- Features three part skull, bonnet can be removed, Mandible is movable & skull foramina, fissures, processes are well depicted. Vertebral column is fixed.
- Flexible arms and legs allow for realistic movement.
- Mounted on stand
- Key card / Manual provided.



ZX-1227

NEW

### ZX-1227 Tiny Skeleton, 21cm

- Size : 21 cm height
- Made of PVC
- Well built and informative.
- Features three part skull, bonnet can be removed & all skull foramens, fissures, processes are well depicted. Vertebral column is fixed.
- Flexible arms and legs allow for realistic movement.
- Tiny version of human skeleton model.
- Erect on stand
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
- Model is great teaching tool for anatomy lessons.
- Key card / Manual provided.



SK046

### SK046

#### Mini Skeleton

- Real life Model
- Detachable joints
- Durable Parts
- ABS Stand
- Size: 46 cm (18")



**ZX-S102PN**  
**Human Skeleton Model 85 cm**  
**Numbered**

- Made of PVC
- Demonstration of anatomically accurate natural movements.
- The points of origin (Red) and attachment (Blue) of the most important muscles from head to foot are marked in colour on the right side.
- Mounted on stand.
- 50 features marked.
- Key card/Manual provided.



**XC-102B**  
**Human Skeleton**

- Size 85cm Medium.
- Made of PVC plastic.
- Shows nerves and blood vessels.
- Depicts the position, course and distribution of main arteries and peripheral nerves
- Can be employed as a visual aid in the instruction of anatomy to students of medicine.



**ZX-1210**  
**Leg Bones Model**  
**Life Size**

- Life size
- Made of PVC
- Accurate representation of the joints of leg
- Great detail of the bony structures of the human leg.
- It is able to demonstrate flexibility in the knee and ankle with limited flexibility in the foot. Also includes a half hip bone, femur, tibia, fibula and all foot bones.
- Each bone is separately mold and articulated.
- Key card/Manual provided.



**ZX-1211**  
**Arm Bones Model**  
**Life Size**

- Life size
- Made of PVC
- Accurate representation of the joints of arm.
- Realistic upper limb bone model, including clavicle, scapula, humerus, ulna, radius and hand bone (8 carpal, 5 metacarpal & 14 phalanges)
- Each bone is separately mold and articulated.
- Key card/Manual provided.



**ZX-1601**  
**Bone Microstructure**

- 30x20x16 cm
- Made of HSP resin
- 3-D section of a lamellar bone.
- It helps to understand the typical elements of a lamellar bone along with the Volkmann & Haversian system, spongy & compact parts, endosteum, cortical substance & osteocytes.
- Model shown various planes in cross and longitudinal section.
- 19 features marked.
- Key card/Manual provided.

**ZX-1436 Auditory Bones, Enlarged**

- Size : 3 times enlarged
- Made of PVC
- Anatomically accurate and informative.
- Natural colour
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
- Model is great teaching tool for anatomy lessons.
- Model shows 3 smallest bones located in middle ear, malleus (hammer), incus (anvil) and stapes (stirrup) joined to each other.
- Key card/Manual provided.



### HUMAN SKULLS



- ZX-S104 Skull Model 3 Part PVC**
- Lifesize
  - Made of PVC
  - Dissectable in 3 parts
  - Bonnet can be removed, Mandible is movable & all skull foramina, fissures, processes are well depicted
  - Teeth are separately installed, same as real one, in ceramic white color.
  - Key card / Manual provided.



- XC-104 Life Size Skull**
- This economical life-size adult plastic skull features a moveable jaw, cut calvarium, suture lines and 3 removable lower teeth-incisor, cuspid and molar.
  - Dissectable into 3 parts.

**ZX-S135P Skull Model Painted with Cervical Vertebrae**



- Life size
- Made of PVC
- Dissectable in 3 parts
- It shows cervical vertebrae, cervical nerves, vertebral arteries, basilar artery.
- All of the joints, sutures, fissures, foramina and processes are portrayed with utmost accuracy.
- All the bones are depicted in different colours.
- Bonnet can be removed, Mandible is movable, Teeth are separately installed.
- Mounted on a stand with plastic base.
- Key card / Manual provided.



- XC-135 Skull with Cervical Spine**
- Life size model of human skull on cervical spine.
  - Cervical spine is shown with seven cervical vertebrae with intervertebral discs, cervical nerves, vertebral arteries, basilar artery and rear cerebral arteries.
  - Skull is dissectible into 3 parts with moveable jaw, cut calvarium.

**ZX-1200 Skull with Removable Lower teeth**



- Life size
- Made of PVC
- Dissectible into 4 parts for effective demonstration.
- This high quality classic skull with 16 teeth for extraction is medically detailed in structure. The teeth of the lower jaw can be individually extracted and replaced, and have fully formed roots for detailed examination. The model has a bone flap on its right mandible for viewing the dental roots, spongiosa, nerve canal, and an impacted wisdom tooth. The calvaria is removable to show the internal structure of the skull. The mandible is articulated and removable. All of the joints, sutures, fissures, foramen, and styloid processes are highly accurate.
- It is a perfect tool for anatomical and dental study.
- Key card / Manual provided.



- ZX-1202 Human Skull Model Dx.**
- Made of high grade synthetic polymer having long durability.
  - Size: Natural size.
  - Dissectible into 3 parts with moveable jaw, cut calvarium.
  - Well illustrated and informative.
  - Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
  - Model is delivered with key card.

### ZX-1202PN Skull Model Life size Painted-Numbered PVC



ZX-1202PN

- Life size
- Made of PVC
- Dissectable in 3 parts
- Muscle insertions and origins painted in blue and red respectively.
- Bonnet can be removed, Mandible is movable & all skull foramina, fissures, processes are well depicted
- Teeth are separately installed, same as real one, in ceramic white color.
- 48 features marked.
- Key card / Manual provided.

### ZX-1205 Skull Model Exploded 22 Parts



ZX-1205

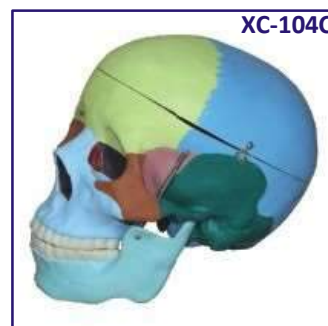
- Life size
- Made of PVC
- Skull bones are mounted on pivoting spokes
- Each naturally colored and anatomically correct part features realistic texture & bony marks
- Semi-adjustable parts
- Key card / Manual provided.



ZX-1208P

### ZX-1208P Didactic Human Skull 22 Parts

- Life size
- Made of PVC
- Consists of 22 parts.
- Suture of each bone is equipped with magnets to assemble easily. All the bones are depicted in different colours, making this model a useful tool to study the correct position and the relationship of all the structures.
- The 22 bones are depicted in 10 different didactic colors. Each pair of bone plates has the same color.
- Key card / Manual provided.

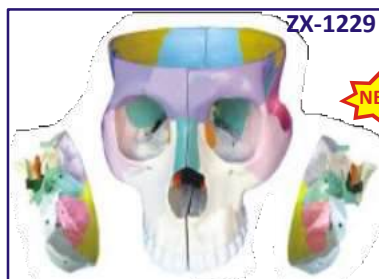


XC-104C

### XC-104C

#### Life Size Coloured Skull

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



ZX-1229

### ZX-1229

#### Jumbo Dissection Model of Skull Base

- This replica of the human skull consists of many individual bones that gradually grow together as the development proceeds. All the bones/bone pairs are colored to make identification easier.

### ZX-1213PN Human Skull Model with Brain Numbered



ZX-1213PN

- Life size
- Made of PVC
- Dissectable in 3 parts and brain in 8 parts.
- Brain model sits nicely inside the skull, and can also be removed. The brain comes apart into the following pieces: Frontal and parietal lobes (2 parts), temporal and occipital lobes (2 parts), brain stem (2 parts), and cerebellum (2 parts).
- Both the brain and skull are held together with magnets and small pegs.
- Bonnet can be removed, Mandible is movable, Teeth are separately installed & all skull foramina, fissures, processes are well depicted.
- 32 features marked.
- Key card / Manual provided.



XC-104E

### XC-104E

#### Skull Model with 8 Parts Brain

- Includes 8 parts brain : frontal and parietal lobe, temporal and occipital lobe, encephalic trunk and cerebellum.



**ZX-1204**  
**Miniature Skull Model PVC**

- 9.75x7x11 cm
- Made of PVC
- Dissectable in 3 parts
- Bonnet can be removed, Mandible is movable. The foramen & fossa are present.
- Key card/Manual provided.

**NEW**



**ZX-1209P Didactic Miniature Skull 15 Parts**

- 10x9x13 cm
- Made of PVC
- Consists of 15 parts.
- Suture of each bone is equipped with magnets to assemble easily. All the bones are depicted in different colours, making this model a useful tool to study the correct position and the relationship of all the structures.
- Key card/Manual provided.

**NEW**

**ZX-1207 Skull 5 yr old Child PVC**



- Life size
- Made of PVC
- Bonnet can be removed, Mandible is movable & all skull foramina, fissures, processes are well depicted.
- Teeth are separately installed, same as real one, in ceramic white color.
- Key card/Manual provided.

**NEW**

**ZX-1201 Human Fetal Skull**



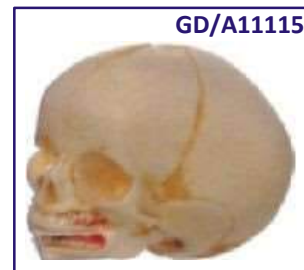
- Life size
- Made of HSP resin
- Movable lower jaw.
- Showing incomplete ossification of skull bones, fontanelles, frontal and parietal eminences, various skull bones like occipital, temporal, sphenoid, frontal, mandible & maxilla.
- 41 features marked.
- Key card/Manual provided.



**ZX-1206A**  
**Full Term Fetus Skull Model with Stand**

- Life size
- Made of PVC
- Long durability
- Key card/Manual provided.

**NEW**



**GD/A1115**  
**Infant Skull**

- Material: Advanced PVC.

## BUILD YOUR ANATOMY MODELS

- New Type of Puzzle
- Highly Detailed Finish
- Collectible Quality
- Dissectable in Small Parts
- Display Stand



**SK007 Eyeball Anatomy Model**

- Size 14 cm
- 35 pieces set.



**SK009 Heart Anatomy Model**

- Size 14 cm
- 31 pieces set.



**SK010 Cranial Nerve Skull Anatomy Model**

- Size 9 cm
- 39 pieces set.

### VERTEBRAL COLUMN



**NEW**

- ZX-S126**  
**Vertebral Column Flexible Model Life Size**
- Life size
  - Fully flexible
  - It consists of the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx and complete pelvis
  - Features include representations of the vertebral arteries, spinal nerve branches and a prolapsed L3-L4 intervertebral disc.
  - Mounted on stand.
  - Key card / Manual provided.



- XC-126**  
**Vertebral with Pelvis & Femur Heads**
- 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: inflexible 72cm tall vertebral column complete with pelvis, femur heads, sacrum, occipital bone, vertebral artery, all nerve branches and herniated lumbar disc.
  - Deluxe chrome stands 85 cm high.



**NEW**

- ZX-S105P**  
**Vertebral Column Flexible, Didactic Painted**
- Life size
  - Fully flexible
  - The various regions of the vertebral column are color coded for ease of identification
  - It consists of the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx, complete pelvis
  - Features include representations of the vertebral arteries, spinal nerve branches and a prolapsed L3-L4 intervertebral disc
  - Mounted on stand
  - Key card / Manual provided.



- 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.



**NEW**

- ZX-S126P**  
**Vertebral Column with Femur Head, Painted**
- Life size
  - Fully flexible
  - It consists of the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx, complete pelvis with symphysis and removable femur heads.
  - Features include representations of the vertebral arteries, spinal nerve branches and a prolapsed L3-L4 intervertebral disc.
  - One side of model shows the points of origin (red) and the points of insertion (blue) of the muscles.
  - Mounted on stand
  - Key card / Manual provided.



**NEW**

- ZX-1223**  
**Spinal Column Model Half Size**
- Half size
  - Fully flexible
  - Consists of the cervical, thoracic and lumbar vertebrae, sacrum, coccyx, complete pelvis and femur heads.
  - Features include representations of the spinal nerve branches and a prolapsed L3-L4 intervertebral disc.
  - Mounted on stand
  - Key card / Manual provided.



XC-134

### 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

### XC-118

#### Lumbar Set

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



XC-115

### XC-115

#### Life-Size Pelvis with 5 pcs Lumbar Vertebrae

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



ZX-S119

### ZX-S119 Lumbar Vertebrae with Sacrum Bone

- Life size
- Made of PVC
- Mounted on a stand
- The shape is vivid, and the texture is clear and delicate. Anatomical details such as various bulges, bone sutures, & sulcus vascular indentations are expressed.
- Key card / Manual provided.



XC-119

### 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.

### ZX-1505 Lumbar Vertebrae Degeneration Model



ZX-1505

- 35x23x19 cm
- Made of PVC
- Lumbar spine lesion demonstration model showing one pair of normal lumbar vertebrae, one vertebrae set with bulging herniated disc, one vertebrae set with bone/disc degeneration and one vertebrae set showing advanced osteoporosis with bone compression and bone spurs.
- Key card / Manual provided.

### 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-133

### ZX-1504 Functioning Prolapsed Lumbar Vertebrae Model

- Life size
- Made of PVC
- It demonstrates the damage mechanism of lumbar disc herniation.
- It demonstrates how the intervertebral disc is dislodged when bending the vertebrae and reproduces what happens to the human vertebrae when bending or twisting the body in real life.
- The String around the blood ball is made manually which is firm and durable.
- This model consists of two vertebrae with a flexible disc, spinal cord and nerves.
- Key card / Manual provided.



ZX-1504

### ZX-1228 Cervical Spine & Occipital Bone, Nerves and Muscles



ZX-1228

- Life Size
- Made of PVC
- Mounted on stand.
- It features the entire cervical vertebrae with muscular anatomy, nerves, and a portion of the clavicle. This full size muscled cervical vertebrae model also features a soft replica of the cerebellum, detailed occipital bone plate, atlas and axis and spinal nerves throughout.
- This model also includes a right side brachial plexus. Muscular anatomy includes the suboccipital triangle, longus capitis, levator scapulae, scalenus medius posterior and anterior. The right first and second ribs are also featured and include cartilage.
- Ideal for a variety of disciplines, including chiropractic study, surgical reference, and patient education and consultation.
- The soft material of the nerves and muscles bring lifelike quality to the model and help explain topics such as neck pain, nerve damage, muscle strain, and misalignment of the cervical vertebrae.
- Key card / Manual provided.

## BONES & SKELETON MODELS



**ZX-S120 Thoracic Vertebrae model Life Size**

- Life size
- Made of PVC
- This model consists of the 12 thoracic vertebrae with intervertebral discs, thoracic nerves and spinal cord.
- In this model, true thoracic skeletal shape is restored, the shape is vivid, and the texture is clear and delicate. Anatomical details such as various bulges, bone sutures, and sulcus vascular indentations are expressed.
- Mounted on stand.
- The model is flexible just like original vertebrae.
- Key card / Manual provided.

**NEW**



**XC-120 Thoracic Spinal Column**

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

## HUMAN PELVIS



**ZX-S123**

**Male Pelvis Bone Model**

- Life size
- Made of PVC
- Easy to study the structures and features of the hip, sacrum, coccyx & pubic symphysis.
- Separate coccyx.
- Sacral canal clearly depicted.
- Key card / Manual provided.

**NEW**



**XC-123**

**XC-123 Adult Male Pelvis**

- Natural size.
- Made of PVC plastic.



**XC-124**

**XC-124 Adult Female Pelvis**

- Natural size.
- Made of PVC plastic.

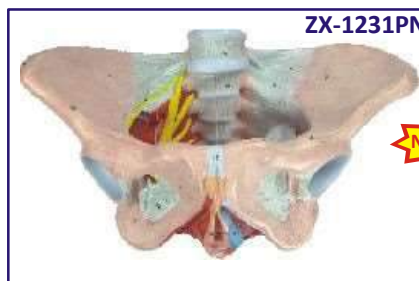


**ZX-S124**

**ZX-S124 Female Pelvis Bone Model**

- Life size
- Made of PVC
- Easy to study the structures and features of the hip, sacrum, coccyx & pubic symphysis.
- Sacral canal clearly depicted.
- Key card / Manual provided.

**NEW**



**ZX-1231PN**

**ZX-1231PN Female Pelvis Model, Deluxe**

- Life size
- Made of PVC
- 64 parts labeled in total.
- It shows the external and internal genital elements of the pelvis with Sacroiliac Ligaments, muscles of pelvic floor as well as the network of sacral nerves and vessels.
- This model is a great learning tool for understanding a female skeletal system. Also, this model is great for explaining nerve pain, muscle strains and ligament damage.
- Key card / Manual provided.

**NEW**



**XC-125**

**XC-125 Female Pelvic Muscles and Organs**

- Natural size.
- Made of PVC plastic.

### JOINTS OF THE BODY



ZX-S109

ZX-S109

#### Shoulder Joint Model Flexible

- Life size • Made of PVC
- Show shoulder joint abduction, adduction, forward tilt, backward tilt and inward/outward rotation.
- It is constructed with flexible plastic ligaments.
- Mounted on a plastic base.
- Key card / Manual provided.



XC-109

XC-109

#### Shoulder Joint

- Size: 16 × 12.5 × 20cm. Life size.
- Ball and socket joint.
- To illustrate abduction, adduction, anteversion, retroversion and internal/external rotation.
- Includes flexible artificial ligaments.



ZX-S110

ZX-S110

#### Hip Joint Model Flexible

- Life size • Made of PVC
- Accurate representation of the hip joint and its ligaments.
- It is constructed with flexible plastic ligaments.
- Mounted on a plastic base.
- Key card / Manual provided.



XC-110

XC-110  
Hip Joint

- Life size, on stand.
- Ball and socket joint
- Demonstrates anteversion, retroversion, abduction & internal/external rotation. Includes flexible, artificial ligaments.



ZX-S111

ZX-S111

#### Knee Joint Model Flexible

- Life size • Made of PVC
- Model represents a functional model of knee joint with lateral ligaments, meniscus and patellar ligament.
- It is constructed with flexible plastic ligaments.
- Mounted on a plastic base.
- Key card / Manual provided.



XC-111

XC-111  
Knee Joint

- Size: 12.5 × 12.5 × 32cm.
- Hinge joint.
- Life size, on stand.
- Demonstrates flexion, extension, and internal/ external rotation. Includes flexible, artificial ligaments.



ZX-S112

ZX-S112

#### Elbow Joint Model Flexible

- Life size • Made of PVC
- It consists of lower part of humerus bone and upper part of radius and ulna bones.
- It is constructed with flexible plastic ligaments.
- Mounted on a plastic base.
- Key card / Manual provided.



XC-112

XC-112 Elbow Joint

- Size: 12.5 × 12.5 × 32cm.
- Hinge joint.
- Life size, on stand
- Demonstrates flexion, extension, and internal/ external rotation of the radius.
- Includes flexible, artificial ligaments.



ZX-S113A

ZX-S113A

#### Foot Joint Model Flexible

- Life size • Made of PVC
- Accurate representation of the foot joint and its ligaments
- It is constructed with flexible plastic ligaments
- Mounted on a plastic base.
- Key card / Manual provided.



XC-113A

XC-113A  
Life-Size Foot Joint with  
Ligaments

- Demonstrate all of foot functionality and the external anatomical structures. Including flexible, artificial ligaments.
- Made of PVC plastic.
- Natural size.

## BONES & SKELETON MODELS



**ZX-S114A**

### Hand Joint Model Flexible

- Life size
- Made of PVC
- All joints are movable according to real human flexibility, with radius and ulna.
- It is constructed with flexible plastic ligaments
- Mounted on a plastic base.
- Key card / Manual provided.



**XC-114A**

**XC-114A**

### Life-Size Hand Joint with Ligaments

- Demonstrate all of hand functionality the external anatomical structures.
- Including flexible, artificial ligaments.
- Made of PVC plastic.
- Natural size.



**XC-113**

### XC-113 Foot Joint

- Made of PVC.
- Hinge joint.
- Gliding joint.
- Natural size.



**XC-114**

### XC-114 Hand Joint

- Made of PVC plastic.
- Hinge joint.
- Saddle joint.
- Condylloid joint
- Natural size.



**XC-325**

### XC-325 Palm Anatomy

- These life size models show the superficial and internal structures of the palm. Set of 4 Models.



**ZX-1203E**

### ZX-1203E Foot Model

- Life size
- Made of HSP resin
- Model shows significant structures of the foot such as muscles, bones and ligaments
- 31 features marked.
- Key card / Manual provided.



**XC-326**

### 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. Set of 3 models.



**ZX-1212P**

### ZX-1212P Muscular Shoulder Joint Model

- Life size
- Made of PVC
- Model is a realistic replica of a right shoulder joint muscles and ligaments.
- Model Features a semi-articulating right rotator cuff with an encapsulated humerus that can be removed from the capsular ligament. This allows demonstration of the rotator cuff's role in both fixing the humerus in the glenoid cavity and depressing it during elevation.
- Model includes eight ligaments and tendons, four bones (acromion, clavicle, humerus and scapula), & five muscles (infraspinatus, teres minor, teres major, subscapularis and supraspinatus) of the shoulder.
- Mounted on a plastic base.
- Key card / Manual provided.



**ZX-1225**

### ZX-1225

### Muscular Hip Joint Model

- Life size
- Made of PVC
- It is a realistic replica of hip joint muscles and ligaments.
- Mounted on a plastic base.
- Key card / Manual provided.



**ZX-1226**

### ZX-1226

### Muscular Knee Joint Model

- Life size small (25x9x6.5 cm)
- Made of PVC
- It is a realistic replica of knee joint muscles and ligaments.
- Mounted on a plastic base.
- Model is not flexible.
- Key card / Manual provided.

### ZX-1226A Knee Joint Model Deluxe with Muscles & Ligaments



- Life size (29x10x7.5 cm)
- Made of PVC
- Model represents a slightly flexible right knee joint with associated muscles, ligaments and meniscus.
- It shows fibular collateral, tibial collateral, anterior and posterior cruciate, and patellar ligament with patella.
- The extended femur and patellar ligament are connected to top section of the quadricep on this anatomical model.
- The model is constructed with somewhat rigid plastic ligaments.
- The entire structure is mounted securely on a plastic base.
- Model is of superior quality with realistic texture and features and is very informative.
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
- Model is great teaching tool for anatomy lessons.
- Keycard / Manual provided.

## JOINT SECTION MODELS

- Life size
- Made of PVC
- Mounted on a plastic base.
- Keycard / Manual provided.
- Textures of the spongy and compact bone material, directional striations of the muscle, smooth ribbing of nerve bundles and the smooth lumpy fat areas can be felt over in great detail with this relief model.



### ZX-1214P

#### Shoulder Joint Section Model

- Cross section of a human right shoulder.
- This cross section clearly shows the scapula, clavical, humerus and 1st-5th ribs, lateral cord, axillary artery, articular cartilage, deltoid, bicep, ligaments, fat, arteries, veins and dermis presented in one convenient model.



### ZX-1215P

#### ZX-1215P

#### Hip joint Section Model

- Cross section of a human right hip.
- This cross section clearly shows the bones, cartilage, muscles, tendons and dermis presented in one convenient model.



### ZX-1216P

#### ZX-1216P

#### Knee Joint Section Model

- Cross section of sagittal section of human knee joint.
- This cross section clearly shows the muscles, bones (including Femur, Tibia, and Patella), vasculature, ligaments, tendons and dermis presented in one convenient model.



### ZX-1217P

#### ZX-1217P

#### Elbow Joint Section Model

- Cross section of a human elbow.
- This cross section clearly shows the humerus, radius, ulna, muscles and dermis presented in one convenient model.



### ZX-1218P

#### ZX-1218P

#### Foot Joint Section Model

- Cross section of a human right foot/ankle.
- This cross section clearly shows the bones, cartilage, muscles, ligaments, vasculature, nerves and dermis presented in one convenient model.



### ZX-1219P

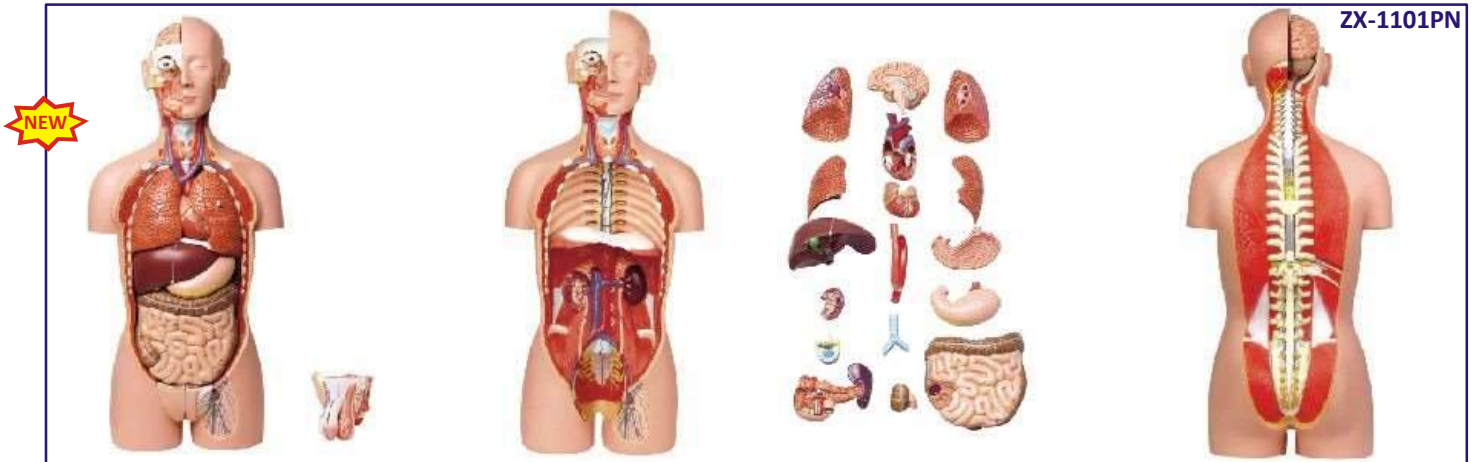
#### ZX-1219P

#### Hand Joint Section Model

- Cross section of a human right hand/wrist.
- This cross section clearly shows the bones, cartilage, muscles, tendons and dermis presented in one convenient model.

## HUMAN TORSO MODEL

ZX-1101PN Human Torso Deluxe 85 cm. 27 Parts 2-in-1



- 85 cm
- Made of PVC
- Dissectable in 27 parts.
- 2-in-1 with removable interchangeable male and female genitalia.
- The mouth cavity and nasal cavity is open to show the inlet of digestive and respiratory system.
- The head is open so that the cerebrum with cerebellum can be taken out for close observation.
- With the removable male and female reproductive organ, and removable half kidney, the whole urinary system and reproductive system are well depicted.
- The lung can be completely removed, and the important structures on the inner wall of thoracic cavity like sympathetic column, azygos vein, hemiazygos vein, thoracic duct are well shown.
- It is most characterized by its open neck & back, which provide a full view of the nervous system, the brain & the whole spinal cord.
- The 12th thoracic vertebra can be taken out for close observation of vertebrae, spinal cord, spinal nerves and 3 layers of maters.
- Key card / Manual provided.



XC-204

### XC-204 Unisex Torso 23 parts 85 cm

- Size: 33.5" tall (85cm), Made of PVC plastic.
- Features an exposed spine with removable vertebra and spinal cord segments.
- 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).
- Mounted on a plastic base.



MK064

### MK064 Visible Expectant Mother Anatomy Kit

- Size: 55 cm.
- Dissectable in 48 pieces. Detailed instruction manual included.
- This visible anatomy model realistically shows the important parts of human body. Learn how body works by taking the model apart and see how the different organs work together to keep us alive and healthy.



MK050

### MK050

#### Human Torso

- Hand Painted in Vivid & Natural Colours
- 50 cm High.
- 11 Dissectible Parts
- ABS Base
- Fully Illustrated Colour Instruction Manual.



ZX-1100E

### ZX-1100E

#### Human Torso Small (23 parts)

- 46 x 24 x 12.5 cm.
- Interchangeable male & female genitalia.
- Mounted on a base.
- 74 features marked.
- Key card / Manual provided.



### ZX-1102PN Human Mini Torso 50 cm (12 Parts)

- 50 cm tall • Made of PVC • Dissectable in 12 parts.
- The model includes removable lungs, heart, liver, stomach, intestines, and head. Cecum can be easily removed from the intestine for additional internal view.
- The head is bisectable. One half of the brain is also removable. The heart can be bisected as well.
- Hooks and hidden magnets are used to keep the torso together.
- Mounted on a base. • 73 features marked. • Key card / Manual provided.



### GD/A10001 Full Size Human Body Muscles with Internal Organs (170 cm)

- Full Size Human Body Muscles with Internal Organs (170 cm)
- This model is placed on the base plate, consists of male head, torso and upper and lower limbs, comparative display of skin, muscles, thoracic cavity, abdominal cavity and pelvic cavity etc. can be dissected into 28 parts; 240 positions are displayed. Imported PVC and paint, color matching by computer, advanced color painting.
- List Of Dissected Parts (28 Parts)

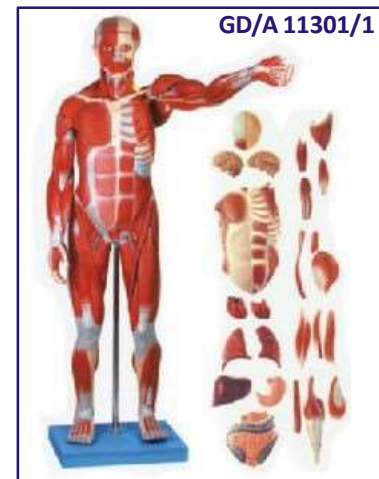
- *Sagittal section of head (Right side)*
- *Sagittal section of head (Left side)*
- *Brain*
- *Sternomastoid muscle cervical plexus*
- *Trunk*
- *Thoraco-abdominal wall*
- *Upper limb*
- *Deltoid*
- *Biceps muscle of arm*
- *Brachioradial muscle*
- *Long palmar muscle*
- *Lower Limb*
- *Tension fascial lata*
- *Gluteus maximus*
- *Quadriceps muscle of thigh*
- *Sartorius muscle*
- *Biceps muscle of thigh*
- *Semitendinous muscle*
- *Anterior tibial muscle*
- *Gastroc*
- *Soleus muscle*
- *The first half of heart*
- *The latter half of the heart*
- *Left lung*
- *Right lung*
- *Stomach*
- *Liver*
- *Large/small intestine*

### ZX-1222PN Muscular Human Body 78 cm, 27 parts



- 78 cm • Made of PVC
- Dissectable in 27 parts
- It has removable arms, a removable calvarium with two-part brain, and a removable chest plate
- Detachable muscles include: Deltoid, Brachioradialis with extensor carpi radialis longus and brevis, Biceps Brachii, Pronator teres with palmaris longus and flexor carpi radialis, Sartorius Muscle, Rectus Femoris, Extensor Digitorum Longus, Tensor Faciae Latae, Gluteus Maximus, Biceps Femoris, Semitendinosus, Gastrocnemius, and Soleus.

- Removable organs include: Brain (2 parts), lungs (2 parts), heart (2 parts), liver, intestines, and stomach.
- Features marked: 72 in head & neck region, 32 in body wall region, 44 in thoracic viscera region, 72 in abdominal & pelvic viscera, 53 in upper limb region, 74 in lower limb.
- Mounted on stand with base. • Key card / Manual provided.



### GD/A/11301/1

### Male Muscle Figure 78 cm

- 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: Advance PVC

## HUMAN TORSO MODEL



### ZX-1433PN Sliced Head Model, 12 Slices

- Life size • Made of PVC
- Dissectable in 12 parts. • 243 parts labeled in total.
- Beautifully painted in bright colors.
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
- Model is great teaching tool for anatomy lessons.
- Model gives idea about computer tomography and magnetic resonance view of section.
- Each slice can be rotated & removed for closer study.
- Key card / Manual provided.

### ZX-1414P Human Head Model Sagittal Section



- 33x23x5 cm
- Made of PVC
- This extremely elaborate model shows the structure of the brain, spinal cord, nasal cavity, oral cavity and larynx.
- Mounted on base.
- Key card / Manual provided.



### ZX-1409E

#### Head, Brain and Eye

- Life size • Made of HSP resin
- Model is in 4 parts with 2 parts brain and eye with optic nerve.
- Model shows natural position of nose, mouth cavity, pharynx, occiput & skull base.
- Mounted on board.
- 85 features marked.
- Key card / Manual provided.

### ZX-1413PN Half Head Model with Nerves & Vessels



- Life size • Made of PVC
- Model shows the right half of the adult human head and neck, sectioned along the sagittal plane.
- A superficial dissection exposes the facial muscles, the superficial blood vessels and nerve branches of the face and scalp, the parotid and submandibular glands.
- A median dissection expose the brain with its internal structure, the pharynx and upper respiratory tract, a section of the cervical vertebrae.
- 81 features marked. • Key card / Manual provided.



### GD/A18212

#### GD/A18212

#### Head and Neck with Blood Vessels, Nerves and Brain

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

### ZX-1432PN Head, Brain & Neck with Muscles



- Life size • Made of PVC
- Mounted on stand.
- Dissectable in 10 parts.
- 115 parts labeled in total.
- Removable parts include the eye, calvarium and brain.
- All important anatomical structures of the human head are depicted in detail.
- Model represent superficial musculature & deep muscles, nerves & vessels.
- Key card / Manual provided.



**ZX-1221PN Muscular Arm Model 7 parts**

- Life size
- Made of PVC
- The model offers 6 detachable pieces:
  - Deltoid muscle
  - Biceps brachii
  - Brachioradialis with extensor carpi radialis longus and brevis
  - Pronator teres with palmaris longus and flexor carpi radialis
  - Extensors digitorum, digiti minimi, and carpi ulnaris
  - Superficial palmar arch
- 79 features marked.
- Key card / Manual provided.



**ZX-1220PN Muscular Leg Model 13 parts**

- Life size
- Made of PVC
- This includes arteries, nerves, veins, and bones, as well as the 12 removable muscles of the model. Removable muscles represented are: Gluteus maximus, Biceps femoris, Semitendinosus, Gracilis, Sartorius, Rectus femoris, Adductor longus, Tensor fasciae latae, Extensor digitorum longus, Flexor digitorum brevis, Gastrocnemius & Soleus.
- 119 features marked.
- Key card / Manual provided.



**GD/A11305**

### Muscles of Arm with Main Vessels and Nerves

Features:

- 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.
- Separated into 6 parts and 87 positions displayed.



**GD/A11308**

**GD/A11308**

### Muscles of Leg with main Vessels and Nerves

- 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.
- Separated into 10 parts and 82 positions are displayed.

## EYE



**ZX-1410 Eye Model on Stand**

- 15x15x32 cm. Model is highly magnified (6 times enlarged).
- Model is in 7 parts.
- Ideal for basic anatomical study of eye. shows sclera, cornea, eye muscle attachments, iris, retina, optic nerve & venels.
- Mounted on a removable stand.
- 34 features marked.
- Key card / Manual provided.



**XC-316B**

### XC-316B Eye with Orbit

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



**XC-316**

### XC-316 Giant Eye Model

- Size: 15.5cm. Made of PVC. Mounted on a plastic stand. 6 times enlarged Model. The different parts of the eyeball model are detachable.
- Tunica external: showing cornea and sclera with attachments of ocular muscles and optic nerve.
- Tunica media: showing the iris, the ciliary body and the chorioid. Tunica interna is retina.
- Refraction media: showing the lens and the vitreous body.

### DENTAL MODELS



ZX-1427

**NEW**

#### ZX-1427 Teeth Care Model Enlarged with Giant Teeth Brush

- 15x16x22cm , 3 x Life size
- Made of PVC
- Model shows complete set of teeth with gums & tongue.
- A flexible joint between the jaws allows easy movement.
- Key card / Manual provided.



TH002

#### TH002 Dental Model Small

- 1.5 × Model with Hinge.



ZX-1411

#### ZX-1411 Dental Care Model

- 22 x 16 x 15 cm
- Highly enlarged dental model with normal toothbrush.
- Key card / Manual provided.



ZX-NS6503

#### ZX-NS6503 Teeth Model in Oral Cavity

- The model made with realistic resistance of the lips and cheeks is used to simulate the Oral Cavity for real-life practice. It can be used with Hygiene Techniques Training Manikin.



ZX-1230

**NEW**

#### ZX-1230 Lower Jaw Model with Extractable Teeth

- Life size • Made of PVC
- 16 extractable teeth. Partial section of the jaw can be removed for further study.
- Anatomically a correct replica.
- Natural colour
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
- Model is great teaching tool for anatomy lessons.
- Model illustrate realistic details, textures and bony landmarks.
- Key card / Manual provided.



ZX-1506P

**NEW**

#### ZX-1506P Teeth Pathologies

- Size : Size : 13.5 x 5 x 8.5 cm • Made of PVC
- Model of molars & premolars featuring many common dental problems, including abscess, advanced periodontitis, cavity, crown decay filling, gingivitis, plaque and severe bone loss.
- Mounted on a base.
- Great for dental clinics and anatomy classrooms.
- Well illustrated and informative.
- Beautifully painted in bright colors.
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
- Model is great teaching tool for anatomy lessons.
- Key card / Manual provided.

### DIGESTIVE SYSTEM

**ZX-1311PN Digestive System Model PVC**



- Life size
- Made of PVC
- Dissectable in 2 parts.
- The oral cavity, the pharynx and the first part of the esophagus are dissected along the medial sagittal plane. The liver is shown together with the gall bladder and the pancreas is dissected. The Stomach is open along the frontal plane; the duodenum, caecum, part of the small intestine and the rectum are open to expose the interior. The transverse colon is removable. The relief model of the head shows the anatomy of the mouth with salivary glands.
- Mounted on base.
- 51 features marked.
- Key card / Manual provided.

**ZX-1301A Human Digestive System**



- Life size
- Made of HSP resin
- Relief model of human digestive system in median section dissectible into 3 parts.
- Duodenum, caecum and rectum are opened. Rectum is unfolded.
- Transverse colon and front half of the stomach are removable.
- The model features the oral cavity, pharynx, esophagus, stomach, liver with gall bladder, pancreas, GI tract and spleen.
- Mounted on sturdy wooden base.
- 56 features marked.
- Key card / Manual provided.

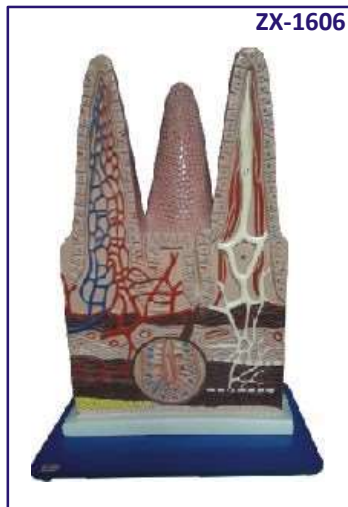
**ZX-1434P**



**ZX-1434P Caecum and Appendix, Enlarged**

- Size : 1.5 times enlarged
- Made of PVC
- Dissectable in 2 parts
- Mounted on display stand
- Extensive detailing of the caecum. Below the caecum, the appendix extends from the model, demonstrating the location and attachment of the appendix to the large intestine.
- Model can be opened to explore greater, internal detail of the large intestine, with accurate depiction of the folds and texture of the internal anatomy of the intestine.
- The removable portion of the model is secured with magnets, allowing for a clean, uninterrupted view of the intestinal anatomy.
- Well illustrated and informative.
- Beautifully painted in natural colors tone.
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
- Model can be removed for greater inspection and demonstration.
- Model is great teaching tool for anatomy lessons.
- Key card / Manual provided.

**ZX-1606**



**ZX-1606 Intestinal Villi**

- 31x20x43 cm.
- Made of HSP resin.
- Highly enlarged 3D replica model of small intestine shows one entire villus, one sectioned villus with arterioles and venules and one sectioned villus with lymphatic vessels. The model also shows different muscle layers in section.
- Mounted on sturdy wooden base.
- 17 features marked.
- Key card / Manual provided.

**GD/A12006**



**GD/A12006 Appendix and Caecum**

- Made of advanced PVC.
- Mounted on a stand.
- Natural size.
- Shows wall of the caecum & appendix.
- Separated into 2 parts.
- Shows 17 positions.

## ZX-1605 Alimentary Canal Wall Model (complete set of 8)

It is made of advanced HSP resin. Mounted on sturdy wooden base.

Key card provided with each model



**ZX-1605/1**  
**Oesophagus Wall**

- 16 x 16 x 26 cm.
- Model is highly magnified to show histological section fine tissues and structures of Oesophagus wall.
- 14 features marked.



**ZX-1605/2 Oesophagus & Stomach Junction**

- 16 x 16 x 26 cm.
- Model is highly magnified to show histological section fine tissues and structures of Oesophagus & stomach junction.
- 18 features marked.



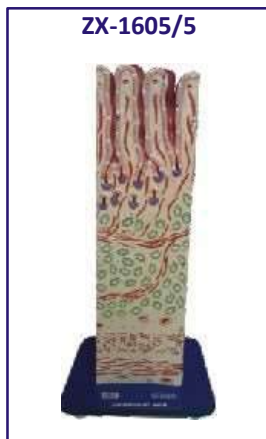
**ZX-1605/3**  
**Stomach Wall**

- 16 x 16 x 28 cm.
- Model is highly magnified to show histological section fine tissues and structures of stomach wall.
- 21 features marked.



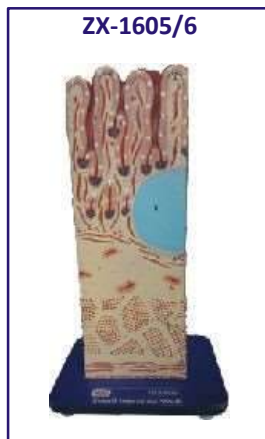
**ZX-1605/4 Stomach & Duodenum Junction**

- 16 x 16 x 38 cm.
- Model is highly magnified to show histological section fine tissues and structures of stomach & duodenum junction.
- 17 features marked.



**ZX-1605/5**  
**Duodenum Wall**

- 16 x 16 x 33 cm.
- Model is highly magnified to show histological section fine tissues and structures of duodenum wall.
- 15 features marked.



**ZX-1605/6**  
**Small Intestine Wall**

- 16 x 16 x 28 cm.
- Model is highly magnified to show histological section fine tissues and structures of small intestine wall.
- 15 features marked.



**ZX-1605/7**  
**Large Intestine Wall**

- 16 x 16 x 26 cm.
- Model is highly magnified to show histological section fine tissues and structures of large intestine wall.
- 15 parts labeled in total.



**ZX-1605/8**  
**Rectum Wall**

- 16 x 16 x 21 cm.
- Model is highly magnified to show histological section fine tissues and structures of rectum wall.
- 11 features marked.



### ZX-1416PN Liver Model PVC

- Life size • Made of PVC
- Model shows lobulation, liver ligaments, portal structure, gallbladder, bile duct system.
- Mounted on base.
- 8 features marked.
- Key card/ Manual provided.



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

- To study the basic structure of the liver, spleen, blood vessels and pancreas.
- External structure are illustrated as well as the pancreatic duct of the pancreas.
- This model also shows the abdominal aorta & inferior vena cava.
- Life-size. Dissectible into 3 parts.
- Made of PVC. Size: 23 x 12.5 x 26 cm.



### 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.



### ZX-1430 Liver (Healthy & Pathologies)

- Made of PVC • 5 Piece Model
- Model is sectioned into hepatitis, normal healthy and cirrhosis sections.
- It locks into a plastic base.
- Key card/ Manual provided.



### ZX-1408 Stomach

- 17x16x25 cm. • Made of HSP resin
- Dissectible in 2 parts.
- It shows different muscle layers of stomach wall.
- Model shows lower esophagus, vessels and nerves.
- Mounted on stand with base.
- 36 features marked.
- Key card/ Manual provided.



### ZX-1402 Human Stomach, Pancreas & Duodenum

- 20x15x10 cm • Made of HSP resin
- It shows layers of stomach wall.
- Dissectible in 3 parts.
- Model depicts lower esophagus, associated blood vessels and sectioned duodenum and pancreas (revealing large ducts up to its aperture).
- Mounted on stand with base.
- 70 features marked. • Key card/ Manual provided.



### XC-306 Stomach Model

- Made of hard plastic
- Magnified 2 times the natural size
- Shows the morphology of the stomach in a 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 gastric-esophagus.



### ZX-1507P Diabetes Model

- Made of PVC
- The Set includes a miniature brain, eye, heart, kidney, artery, foot, pancreas & neuron models. Illustrates the effects associated with diabetes: ocular pathologies, cardiovascular disease, neuropathy, diabetic foot, arterial plaque, kidney failure and stroke.

E.N.T.

**ZX-1435PN Labyrinth with Ossicles (Middle Ear) Model**



- Size : 18 times enlarged
- Made of PVC
- Mounted on stand.
- Dissectable in 3 parts.
- 19 parts labeled in total.
- It shows the organs of the middle ear space and the inner ear.
- The membranous and bony labyrinths are shown.
- Cochlea can be opened.
- Well illustrated and informative.
- Beautifully painted in bright colors.
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
- Model is great teaching tool for anatomy lessons.
- Key card / Manual provided.

**ZX-1436 Auditory Bones, Enlarged**

- Size : 3 times enlarged
- Made of PVC
- Natural colour
- Anatomically accurate and informative.
- Model is great teaching tool for anatomy lessons.



- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
- Model shows 3 smallest bones located in middle ear, malleus (hammer), incus (anvil) and stapes (stirrup) joined to each other.
- Key card / Manual provided.



**XC-303C**

**Ear Model New Style Giant Size**

- Dissectible in 6 parts.
- Made of PVC Plastic.
- Size 33 x 15 x 23 cm.



**XC-324**

**XC-324**

**Model of the Head**

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



**ZX-1508P**

**ZX-1508P**

**Thyroid Diseases Model**

- Life size
- Made of PVC
- Mounted on stand.
- Dissectable in 4 parts.
- It shows normal anatomy and common thyroid diseases.



**XC-301**

**XC-301**

**Human Larynx Model Magnified**

- Size 11.5 x 11 x 24 cm
- 3-parts dissectible.
- A functional model, On base 3 times enlarged.
- Shows movements of epiglottis & cartilages in the voice box.
- Shows the morphology and structure of the respiratory tract and phonetic organ.



**XC-309**

**XC-309**

**Model of the Anatomical Nasal Cavity**

**This model helps the students to understand:**

- External nose : shows the section of the nasal bones and cartilages.
- Nasal cavity : on the lateral nasal wall show 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.

### ZX-1437PN Cavities of Nose, Mouth, Throat, Enlarged



- Size : 2 times enlarged
- Made of PVC
- Dissectable in 10 part
- Mounted on base
- 160 parts labeled in total
- Detailed model showing muscles, cartilage, or bones of the human head. The removable larynx also helps users get a closer look at the tongue and lingual tonsil with brightly colored arteries and textured muscles.
- Well illustrated and informative.
- Beautifully painted in bright colors.
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
- Model is great teaching tool for anatomy lessons.
- Key card / Manual provided.



### GD/A13001

#### Nasal, Oral, Pharynx & Larynx Cavities

##### Features:

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



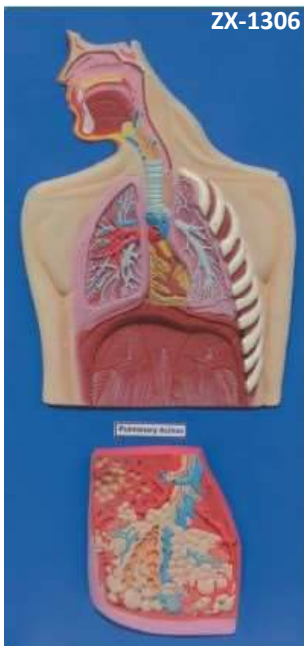
### ZX-1423PN

#### ZX-1423PN Human Tongue and Larynx Model 5 Parts

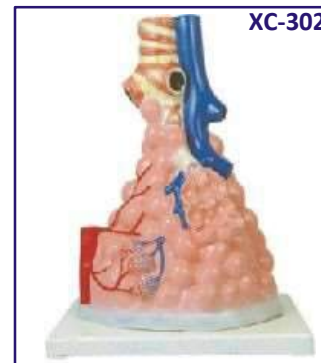
- Natural size
- Made of PVC
- Dissectable in 5 parts.
- Mounted on base.
- 49 features marked.
- Key card / Manual provided.
- The model consists of median sagittal section of the larynx, the laryngeal ligament & cartilage, the base of the tongue, thyroid gland and the part of mandible with teeth.

## RESPIRATORY SYSTEM

### ZX-1306 Human Respiratory System



- Size : 40x80 cm.
- Made of HSP resin.
- Well illustrated and informative.
- Upper half of the model displays nasal cavity, oral cavity, trachea, bronchia, bronchial tree in pulmonary lobe, right and left lungs cut open, heart in situ, pulmonary blood vessels and diaphragm with muscles attached to it.
- Lower half of the model shows enlarged pulmonary acinus displaying pulmonary alveoli, alveolar sacculles, bronchial artery and veins and alveolar capillary network.
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
- Mounted on wooden sturdy base board.
- 38 features marked.
- Key card / Manual provided.

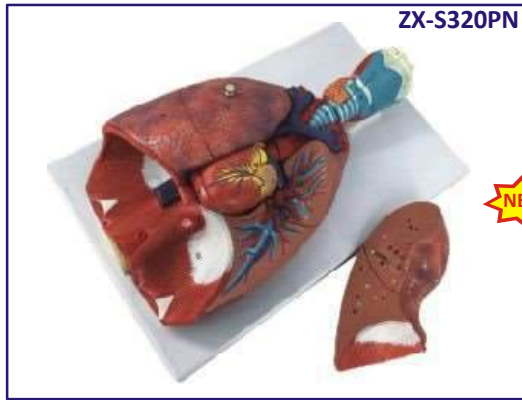


### XC-302

#### XC-302 Pulmonary Alveoli Model Magnified

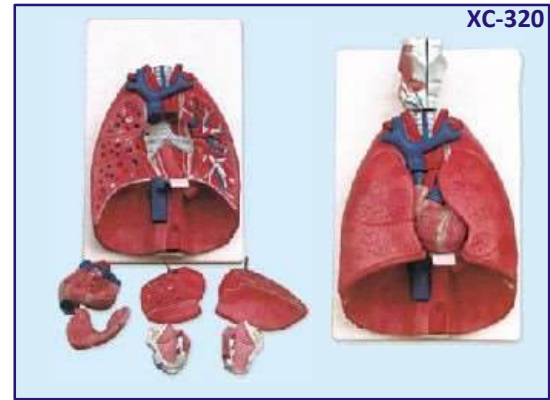
- Size: 26 × 15 × 35 cm
- Made of PVC plastic & mounted on plastic base.
- The model shows the small branches of principal bronchus:
- Section of bronchiole of no cartilage.
- The relation between pulmonary alveoli and terminal bronchiole.
- The structure of alveolar sac and alveolar duct
- The capillary rete in the alveolar septa.

## RESPIRATORY SYSTEM



### ZX-S320PN Respiratory System Model 7 Parts PVC

- Lifesize • Made of PVC • Dissectable in 7 parts
- Showing the larynx (dissected along the sagittal plane), the lungs (dissected along the frontal plane) & a 2 parts heart.
- Mounted on base. • 51 features marked.
- Key card/Manual provided.



### XC-320 Larynx, Heart and Lungs Model

- Life size, 36 × 23 × 12 cm
- Dissectable in 7 parts
- Made of PVC plastic



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

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



### XC-330 Model of the Transparent Lung Segment

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

## Covid-19 Products

We provide **REOPENING SOLUTIONS** for institutions after Covid-19:

- Covid-19 safety instruction charts
- Disinfectants and fogging machines
- Floor mats - for sanitising shoes at entry point
- Hand sanitisers - Alcohol free
- Sanitiser dispensing machines
- Face shields and safety goggles
- U. V. sterilisation chambers



Hygiene products are available with us



Charts



Sanitiser



Disinfectant



Floor Mats



Sanitiser Dispenser

Please ask for separate catalogue of above articles

### HEART & CIRCULATORY SYSTEM

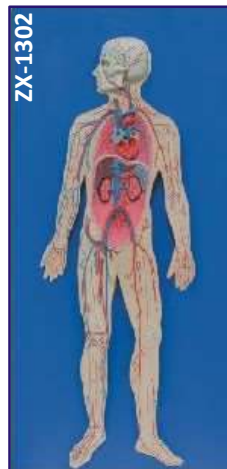


**NEW**

**ZX-1312PN**

#### Circulatory System Model PVC

- Size : Half life Size • Made of PVC
- This model is a half life-size relief model which includes a 2 part removable heart and exceptional details.
- Following anatomical structures are in detail: The arterial/venous system, the heart, the lungs, the liver, the spleen, kidneys, and a partial skeleton.
- Mounted on base. • 70 features marked.
- Key card / Manual provided.



**ZX-1302**

#### Human Circulatory System

- Half life size • Made of HSP resin
- Model shows following anatomical structures : Arterial and venous system, Heart showing chambers, Liver, Spleen, Lung, Kidneys, Partial skeleton.
- Mounted on wooden base.
- 81 features marked.
- Key card / Manual provided.



**ZX-1509P**

**NEW**

**ZX-1509P**

#### Hypertension Model

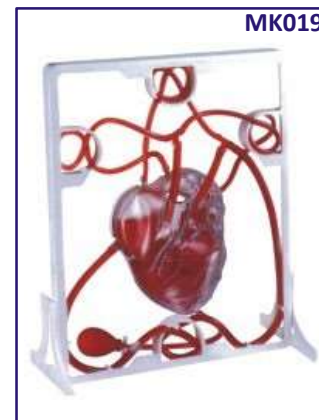
- Made of PVC
- It shows organs (Brain, Eye, Heart, Kidney, Adrenal gland & Artery) related with hypertension.



**ZX-1308E**

#### ZX-1308E Fetal Circulation

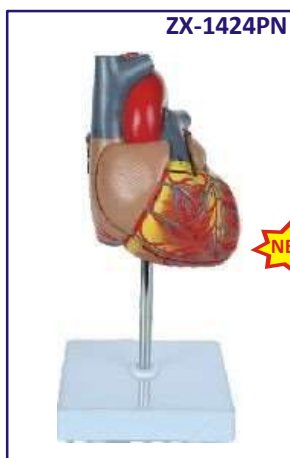
- 61x46x7 cm • Made of HSP resin
- Model shows foetal heart, lungs, liver, placenta with cord, aorta & vena cava and is marked to show circulation & direction of blood flow.
- Mounted on sturdy wooden base.
- 24 features marked.
- Key card / Manual provided.



**MK019**

#### MK019 Pumping Heart

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



**ZX-1424PN**

**NEW**

**ZX-1424PN**

#### Heart Model Deluxe Life Size 2 Parts

- Life size • Made of PVC
- Dissectable in 2 parts
- Model parts held together with hidden magnets.
- The front wall of the heart can be removed and replaced easily, allowing for easy study of the internal structures of the heart.
- Mounted on stand
- 34 features marked.
- Key card / Manual provided.



**PD002**

**PD002**

#### Heart Model

- Full size
- Durable ABS base
- Detachable cover piece.
- Highly realistic decoration.

## HEART & CIRCULATORY SYSTEM



### ZX-1405E Human Heart (7 Parts)

- 20x20x22 cm. • Made of HSP resin
- Model is sectioned to expose ventricles, atria, and valves.
- Model also depicts blood vessels of heart and heart musculature in detail.
- 33 features marked.
- Key card / Manual provided.



### XC-307 Jumbo Heart Model

- Size: 25x23x23 cm.
- Made of PVC plastic.
- Clear conception of routes of the systemic and pulmonary circulation.
- Dissectible into 3 parts. 4 times enlarged.



### 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.



### ZX-1500 Blocked Artery Model

- 12x8x4 cm. • Made of HSP resin
- The model shows 4 stage cross section of narrowing of an artery due to build up of cholesterol and plaque.
- Four stages depict normal artery, fatty streak, fibrous plaque & blockage in order.
- All stages rotate on a hinge pin.
- 8 features marked.
- Key card / Manual provided.

### ZX-1611E Blood Groups

- 60x25x6 cm. • Made of soft PVC
- The model shows eight blood types ie. blood type A-/A+/B-/B+/AB-/AB+/O-/O+ (according to the presence or absence of antigens & Rh factor).
- Mounted on board.
- 12 features marked.
- Key card / Manual provided.



## BRAIN & NERVOUS SYSTEM



### ZX-1317PN Nervous System Model PVC

- Size: Half size • Made of PVC
- Well illustrated and informative
- Beautifully painted in bright colors
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance
- Model is great teaching tool for anatomy lessons
- Mounted on base.
- 33 features marked.
- Key card / Manual provided.



### ZX-1307 Human Nervous System

- Half life size • Made of HSP resin
- Model is a schematic representation of the central and peripheral nervous system, including spinal nerves radiated from central nervous system to other parts of body.
- Mounted on wooden base board.
- 39 features marked.
- Key card / Manual provided.



### ZX-1602 Neuron

- 30x20x12 cm • Made of HSP resin.
- Motor neuron model in three-dimension.
- Model shows branching dendrites, myelin-wrapped axon and node of Ranvier.
- Removable axon section shows cytological ultra structure, layers of myelin sheath, neurolemma and schwann cell.
- 19 features marked.
- Key card / Manual provided.

### GD/A18001 Neuron Model



- Consists of 2 parts.
- Shows neuronal body and nerve fiber, neuronal axon hillock, dendritic arbor, neurofilament, etc.
- Shows 15 positions.
- Made of Advanced PVC.

### ZX-1421PN Brain Model Deluxe 9 Parts

- Life size
- Made of PVC
- Dissectable in 9 parts. On base
- Model can be disassembled into the temporal and occipital lobes, the frontal and parietal lobes, the cerebellum, the brain stem and circle of willis & basilar artery.
- All structures, including blood vessels, are shown in great detail
- Model pieces are held together with magnets & pegs
- 41 features marked.
- Key card / Manual provided.



### XC-308 Brain with Arteries

- Made of PVC plastic.
- Dissectible into 8 parts. On base.
- Natural size: 18.5 × 14 × 13.5 cm.
- Facilitates a correct understanding of the features of the brain and its arterial supply as a whole, 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.



### ZX-1422PN



### ZX-1422PN

#### Brain Model Deluxe Enlarged 4 parts

- Size : 1.5 times enlarged
- Made of PVC
- Dissectable in 4 parts
- Showing the temporal and occipital lobes, the frontal & parietal lobes, the cerebellum, the brain stem in different colors.
- Mounted on metal stand with wooden base.
- 142 features labeled & relevant descriptive names written directly on model.
- Key card / Manual provided.

### XC-318 Brain with Arteries on Head



- 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.

### ZX-1438PN Brain Stem Model, Enlarged



- Size : 2.5 times enlarged
- Made of PVC
- Dissectable in 2 parts.
- 67 parts labeled in total.
- It shows the structure of the brain stem, such as midbrain, pons, medulla and cerebral nerves, etc.
- Ideal for advanced anatomical study by neurological students as well as patient demonstration.
- Great for studying human development and having as a desktop model for quick reference and to educate patients.
- Key card / Manual provided.



### ZX-1612PN

#### Spinal Cord and Nerve Branches

- Size : 8 times enlarged
- Made of PVC
- Mounted on board.
- 21 parts labeled in total.
- It shows the detail of the anterior and posterior nerve roots with additional depiction of the spinal ganglion.
- Displayed both longitudinally and in cross section.
- Key card / Manual provided.

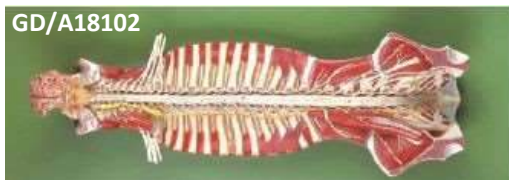
### ZX-1610E



### ZX-1610E Reflex Arc

- 30x40x3 cm.
- Made of HSP resin
- The model shows sensory, neural & motor elements of a complete reflex arc.
- Mounted on sturdy wooden base.
- 22 features marked.
- Key card / Manual provided.

### GD/A18102



### GD/A 18102 Spinal Cord in the Spinal Canal

- Mounted on board.
- Shows 47 positions.
- Made of Advanced PVC.
- Shows ventral side, brain stem and spinal cord.
- Branches up to the coccygeal plexus, sympathetic trunk with its connection to the central nervous system.

SKIN

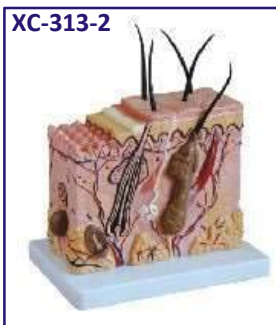
ZX-1604



ZX-1604 Skin Model

- 21x10x25 cm. • Made of HSP resin
- Model shows 3-D section of human skin.
- The model represents differentiated skin layers, hair, sweat glands, sebaceous glands, blood vessels, nerves and receptors for detailed examination.
- Mounted on sturdy wooden board for easy display.
- 35 features marked.
- Key card / Manual provided.

XC-313-2



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. 70time enlarged.

ZX-1401



ZX-1401 Human Skin

- 30x35 cm • Made of HSP resin
- The skin relief model of a skin section of the head.
- Skin section portrays the anatomy of the skin at 70 times life size and shows:- Representation of hair follicles with sebaceous glands, Sweat glands, Receptors, Nerves, Blood Vessels, Different layers of the skin.
- Mounted on sturdy wooden base.
- 31 features marked. • Key card / Manual provided.

XC-313



XC-313 Skin Model Enlarged

- A greatly enlarged (105 times) cross sectional view of the human skin showing three layers-epidermis, dermis, hypodermis, structures of the human scalp and a close-up view of a hair follicle, sweat gland, fatty tissue, sebaceous gland, blood vessels & nerves. Front, side and back view.
- Mounted on a plastic base.
- Size: 27 × 10 × 31 cm.

ZX-1501E



ZX-1501E Skin Cancer

- Size : 15x15x6 cm. • Made of HSP resin
- This skin cancer model shows three cancerous conditions : NBC (Nodular Basal Cell), MMC (Malignant Melanoma), MBC (Morpheic Board Cell), and three non cancerous conditions : DN (Dyplastic Nevi), KAC (Keratoa conthoma), AK (Aetinic Keratosis) with basal layer and dermal layer cross-section detail.
- Mounted on wooden base.
- 9 features marked.
- Key card / Manual provided.

ZX-1503E



ZX-1503E Skin Burn

- 20x15x12 cm. • Made of HSP resin
- The model is two sided. One side shows normal skin anatomy.
- The other side shows 1st, 2nd and 3rd degree burns.
- 75 times enlarged.
- Mounted on wooden base.
- 20 features marked.
- Key card / Manual provided.

ZX-1502E



ZX-1502E Skin Acne

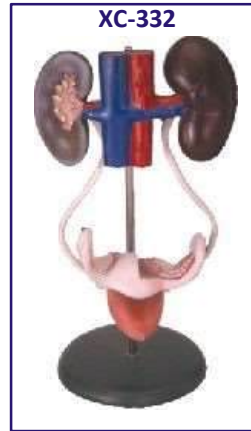
- 15x15x13 cm. • Made of HSP resin
- Enlarged cross-section model of skin shows acne pustule (pimple) and open comedo (black head).
- The model also shows normal skin with relevant details.
- Mounted on wooden base.
- 19 features marked.
- Key card / Manual provided.

## EXCRETORY SYSTEM



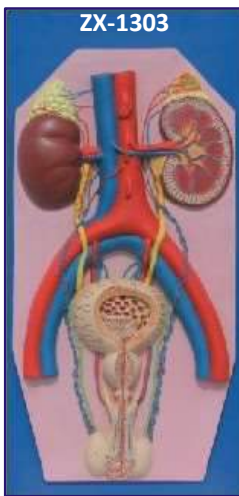
**XC-331**  
**Male Urogenital System**

- This is intended for schools as a visual aid in teaching physiology and hygiene to help the students to understand the external features of the urogenital system of the kidney, urinary bladder, penis and testicle.
- Made of PVC Plastic.
- Size 20 x 20 x 50 cm.



**XC-332**  
**Female Urogenital System**

- This model serves as a teaching model for teachers to teach the female urogenital system. 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.
- Size 20 x 20 x 50 cm.



**ZX-1303 Human Excretory System**

- 40x80 cm • Made of HSP resin
- Delivered on wooden baseboard for easy display.
- It shows the structures of the retroperitoneal cavity which includes : descending aorta, inferior vena cava, renal veins and arteries, ureter, urinary bladder cut open to show trigone and other structures, adrenal glands, both kidneys, iliacal vessels and prostate gland.
- Left kidney and left adrenal gland in section.
- Model also shows testis and penis in section.
- The model has anatomical details that makes it a great teaching aid.
- 36 features marked.
- Key card / Manual provided.



**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.



**ZX-1439PN**

**NEW**

**ZX-1439PN Kidney with Adrenal Gland, Enlarged**

- Size : 2 times enlarged • Made of PVC • Mounted on stand. • 17 parts labeled in total.
- Kidney with adrenal gland and portion of the ureter, is open to expose its internal anatomy showing the cortex, medulla, major & minor calyces, renal columns, and the renal artery & vein.
- Well illustrated and informative. • Beautifully painted in bright colors.
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
- Model is great teaching tool for anatomy lessons.
- Model fully rotates on base or can be removed from stand for hands on study.
- Key card / Manual provided.



**ZX-1603**

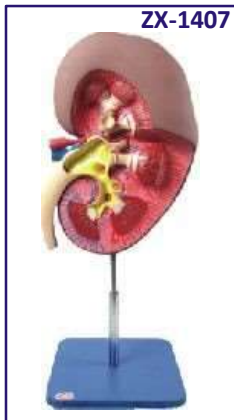
**Front View**

**Back View**

**ZX-1603 Kidney Microstructure**

- 30x20x24 cm • Made of HSP resin
- Beautifully painted in advanced colours.
- A complete 3-D model shows 5 sides view of following structures in great details : kidney in section, parenchyma of kidney and nephron, renal corpuscle and associated structures, loop of henle and associated structures.
- Mounted on sturdy wooden base. • 45 features marked.
- Key card / Manual provided.

## REPRODUCTIVE SYSTEM



**ZX-1407 Kidney**

- Size: 3 times of life size.
- Made of HSP resin
- Model shows a longitudinal section of the left kidney.
- Mounted on stand.
- 31 features marked.
- Key card/ Manual provided.

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



- Life-size model features the kidney, adrenal gland, renal and adrenal vessels & 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.
- Size: 12.5 × 12.5 × 20 cm.

## REPRODUCTIVE SYSTEM



**ZX-1304**

**Human Reproductive System Male**

- 40x80 cm. • Made of HSP resin
- Upper half part shows median section of the system.
- Internal organs (accessory organs) shown in great detail are epididymis, vas deferens, ejaculatory ducts, urethra, seminal vesicles, prostate gland and bulbourethral gland.
- External structures shown are penis, scrotum and testicles.
- Lower half shows the model of scrotum and contents along with the penis.
- 41 features marked.
- Key card/ Manual provided.



**ZX-1305**

**Human Reproductive System Female**

- 40x80 cm. • Made of HSP resin
- Upper half model shows both ovaries, left ovary in section, fallopian tubes with fimbriae, uterus, cut open vagina to show vaginal folds and cervix, bladder with cut open urethra, labia and rectum.
- Lower half model shows adnexa of uterus.
- 56 features marked.
- Key card/ Manual provided.

**ZX-1417PN Male Pelvis Section Diss. PVC**



**ZX-1417PN**

- Life size • Made of PVC
- Dissectable in 4 parts
- Open through the medial sagittal section of male pelvis, this model shows the internal organs of urinary, male reproductive system and muscular anatomy
- Mounted on base.
- 26 features marked.
- Key card/ Manual provided.

**NEW**

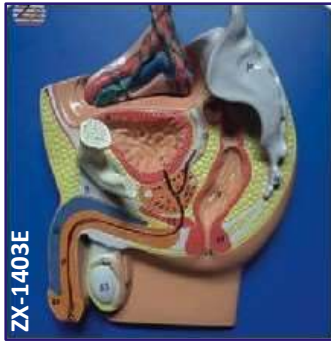
**ZX-1418PN Female Pelvis Section Diss. PVC**



**ZX-1418PN**

- Life size • Made of PVC
- Dissectable in 3 parts
- This model shows the urinary and female reproduction system along with muscular anatomy
- Half of the pelvis is shown, along with a removable attachment to see the outer reproductive organs
- Mounted on base.
- 27 features marked.
- Key card/ Manual provided.

**NEW**



### ZX-1403E Male Pelvis Small (Magnetic)

- 25x25x8 cm. • Made of HSP resin • Model is in 3 parts.
- Median section model shows male genital organs in normal position.
- Model is mounted on board. • 36 features marked.
- Key card / Manual provided.



### ZX-1404E Female Pelvis Small (Magnetic)

- 25x25x8 cm. • Made of HSP resin • Model is in 2 parts.
- Median section model shows female genital organs in normal position.
- Model is mounted on board. • 31 features marked.
- Key card / Manual provided.

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



- It shows the 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 & vagina are dissected to show its internal structures. Size: life-size.

### GD/F5N IUD Training Simulator



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



ZX-1419PN

NEW

### ZX-1419PN

#### Male Genital Organs Model Dissectable

- Size: Life size • Made of PVC • Dissectable in 5 parts
- This model is medially sectioned.
- The model shows penis, prostate, bladder, seminal vesicle, spermatic cord, inguinal canal and testicles.
- 23 features marked. • Key card / Manual provided.



ZX-1420PN

NEW

### ZX-1420PN

#### Female Genital Organs Model Dissectable

- Size: Life size • Made of PVC • Dissectable in 4 parts
- This model is medially sectioned.
- Removable parts include a two-part Uterus and two halves of the Female Reproductive System with details of the internal structure.
- 13 features marked. • Key card / Manual provided.

## REPRODUCTIVE SYSTEM

GD/A15102



GD/A15102

### Male Genital Organs

- Dissected in median and mounted on a stand.
- Shows the penis, prostate, bladder, seminal vesicle, spermatic cord & inguinal canal & base.
- Shows 72 positions.
- Made of Advanced PVC.

GD/A15105



GD/A15105

### Female Genital Organs

- Dissected and mounted on a stand.
- Shows internal and external female genital organs.
- Shows 40 positions.
- Model consists of 4 parts.
- Made of Advanced PVC.

GD/F9B



### GD/F9B Female Contraception Practice Simulator

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

ZX-1412



ZX-1412

### Male Condom Training Model

- 14.5x 14.5 x 20 cm.
- Made of HSP resin
- The model is designed for male condom skill training.
- Model is supplied with one spare condom.



GD/F5M

GD/F5M

### Male Condom Model

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

## GYNAE & OBSTETRIC MODELS

XC-332B



XC-332B

### Human Female Pelvis Section (4 parts)

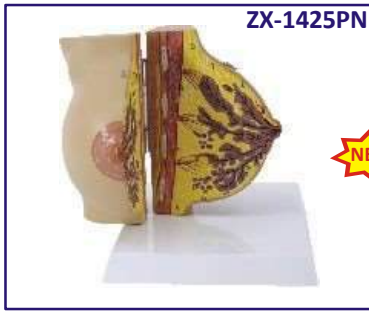
- This median section models shows normal position of child before birth.
- Removable fetus. Made of PVC plastic.
- Size : 38 x 25 x 40 cm.

GD/A41003



### GD/A41003 Ovary Model

- Consists of 8 parts, mounted on stand.
- Shows ovary, primary and secondary ovarian follicles, ovum, ovulation, ovum, corpus luteum, corpus albicans.
- It demonstrates the procedure of ovum's development.
- Shows 10 positions. • Made of Advanced PVC.



NEW

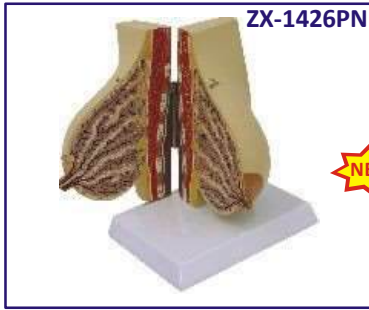
### ZX-1425PN Female Breast Model Deluxe

- Size : Life size • Made of PVC
- This model opens in half to display all internal structure of a female breast
- It is able to stay close by a metal hook
- Mounted on base
- 12 features marked.
- Key card / Manual provided.



### ZX-1406 Female Breast Model

- Life size • Made of HSP resin
- Model on stand shows a female breast in quiescent period.
- Model is medially divided into 2 halves.
- 16 features marked.
- Key card / Manual provided.



NEW

### ZX-1426PN Female Breast Model Dx. During Lactation

- Size : Life size • Made of PVC
- This model opens in half to display all internal structures of a female breast during lactation
- It is able to stay closed by a metal hook
- Mounted on base
- 12 features marked.
- Key card / Manual provided.

### ZX-1700PN Human Placenta Model with Cord



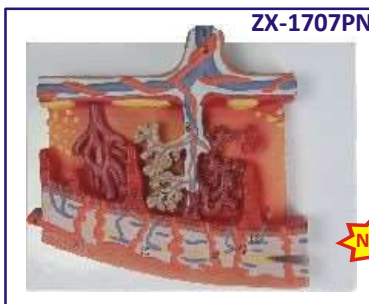
NEW

- Size : Life size • Made of PVC
- It shows structure of placenta from maternal & fetal side both.
- It also shows the relation between placenta and umbilical cord.
- Umbilical cord clearly shows umbilical vessels
- Maternal side: shows dark maroon structure of the decidua featuring the cotyledons
- Fetal side: reveals the amnion (amniotic membrane) partially removed, exposing the intervillous space.
- 8 features marked. • Key card / Manual provided.



### GD/A42010/1 Human Placenta

- Mounted on stand.
- Made of Advanced PVC.
- Shows the structure of placenta and the relation between placenta and umbilical cord.
- 7 positions are displayed.



NEW

### ZX-1707PN Placenta Section Model, Enlarged

- Size : 13 x 13 x 2 cm • Made of PVC
- 16 parts labeled in total. • Mounted on stand
- The anatomical structures of the human placenta in a cross-section view.
- Useful to learn about how the placenta works to provide nutrition, oxygen and blood and how it helps in waste elimination between a developing fetus & the uterine wall.
- Key card / Manual provided.



NEW

### ZX-1706PN Human Embryo Model, Enlarged (Four weeks old)

- Size : 25 times enlarged • Made of PVC
- 20 parts labeled in total.
- Well illustrated and informative.
- Great for studying human development and having as a desktop model for quick reference and for education.
- Key card / Manual provided.



### GD/A42004 Embryo Model

- Mounted on stand.
- Made of Advanced PVC.
- 4 weeks old embryo.
- Shows 12 positions.



**ZX-1703**

### Full Term Fetus with Viscera and Placenta

- Size : Lifesize • Made of PVC
- Dissectable in 11 parts
- Parts dissectable are: Liver in two parts, placenta with umbilical cord, left lung, right lung, two part heart, Thymus gland & intestinal viscera.
- Mounted on board size 38 x 53 cm
- Key card / Manual provided.



**ZX-1708**

### Newborn Baby with Placenta

- Female newborn systemic model, moveable head and limbs
- Realistic umbilical cord with umbilical vein and artery
- Umbilical cord ligation and nursing, realistic touch feeling, the enough length of umbilical cord can be used continually
- Neonatal basic nursing: lactation, sponge washing, wearing clothes, changing diapers



**GD/A42008**

### Fetus with Viscera and Placenta

- Made of Advanced PVC.
- Shows a female fetus at the end of the pregnancy with placenta and umbilical cord.
- Separated into 13 parts as follow: Placenta, umbilical cord, abdominal cover, lungs, heart, thymus, diaphragm, liver, stomach, intestine, body.



### ZX-1701 Fertilization Process Simulator

- Size: 90 x 30 x 6.5 cm • Made of HSP resin
- Two frontal sections of female reproductive organs showing fertilization process.
- Mounted on sturdy wooden frame
- 23 features marked. • Key card / Manual provided.



### ZX-1711PN Fertilization Process Model PVC

- Size : 2X life size, 32x90x4.5 cm • Made of PVC
- Showing two frontal sections through female genital organs describing stages just before and after fertilization.
- Mounted on a board. • 16 features marked.
- Key card / Manual provided.



### GD/A42001 Fertilization Process Simulator PVC

- Shows two frontal sections through female genital organs.
- Mounted on a board. 25 positions are displayed.
- Material: Advanced PVC.



**ZX-1712PN**

### Human Fertilization and Embryogeny Model

- Size : 61x46x16.5 cm • Made of PVC
- Shows the development from sperm and ovum to the fetus in third month via 16 different models.
- 16 features marked in model of placental section.
- Key card / Manual provided.



**GD/A42002**

### Human Fertilization and Early Embryogeny

- Shows the development from ovum to the fetus in third month.
- 16 positions are displayed.
- Material: Advanced PVC.



### XC-436A Magnified Uterus Model

With the coronal section, this model shows:

- Uterus
- The cervix is divided into a supra-vaginal portion and a vaginal portion.
- The ligaments of the uterus are eight in number.
- The fallopian tubes. The ovaries



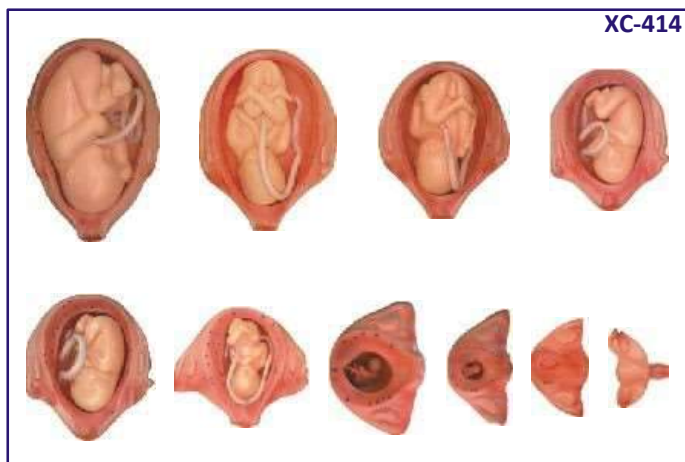
**ZX-1709**

### Gestation Month Fifth



**ZX-1710**

### Gestation Month Seventh



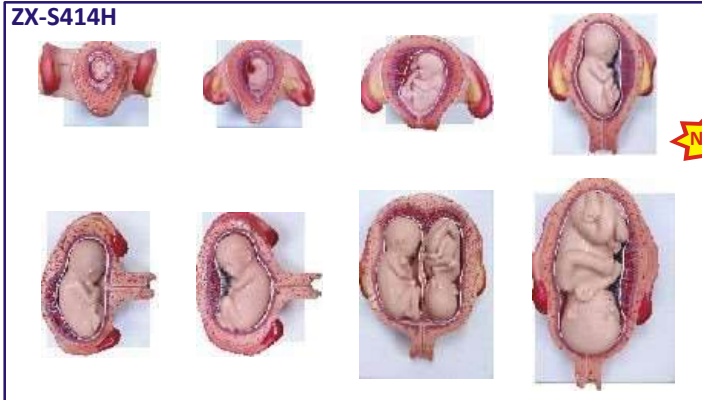
**XC-414**

### XC-414 The Development Process of Fetus

- Made of PVC and synthetic rubber.
- The model consist of 10 parts and shows the relationship between fetus and Uterus during the gestation period.

| <u>Part No.</u> | <u>Gestation Month</u> | <u>Appearance/Height of Fetus</u> |
|-----------------|------------------------|-----------------------------------|
| • 1st           | Normal Uterus          | Inner genitals                    |
| • 2nd           | First                  | Placenta is shown                 |
| • 3rd           | Second                 | Embryo looks like human           |
| • 4th           | Third                  | Fetus is about 9 cm               |
| • 5th           | Fourth                 | Fetus is about 16 cm              |
| • 6th           | Fifth                  | Fetus is about 25 cm              |
| • 7th           | Sixth                  | Fetus is about 30 cm              |
| • 8th           | Seventh                | Fetus is about 35 cm              |
| • 9th           | Eighth                 | Fetus is about 40 cm              |
| • 10th          | Ninth                  | Fetus is about 45 cm              |

## GYNAE & OBSTETRIC MODELS

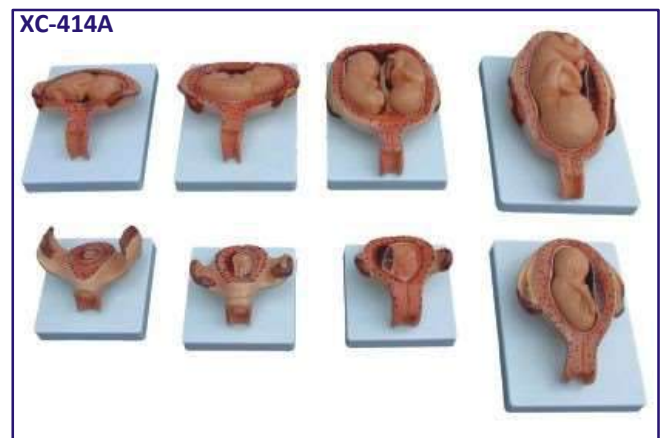


### ZX-S414H Fetal Development Model set of 8 Half size

- Size : Half size • Made of PVC
- Each model mounted on separate base.
- Shows the development from ovum to the fetus in 7th month.

A: 1st Month Embryo      E-I: 5th Month Foetus (Transverse Lie)  
 B: 2nd Month Embryo      E-II: 5th Month Foetus (Transverse Lie)  
 C: 3rd Month Embryo      E-III: 5th Month Twin Foetuses (Normal Position)  
 D: 4th Month Foetus      F: 7th Month Foetus  
 (Breech Position)

- Key card / Manual provided.



### XC-414A

#### The Development Process of 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 8 parts.



### ZX-1704

#### Child Birth Demonstration Model

- Size: Life size • Made of PVC
- Three individual models display childbirth in 3 stages of labor.
- First model shows first (dilation) stage of labor.
- Second model shows second (birth) stage of labor.
- Third model shows third (afterbirth) stage of labor.
- Each labor stage model shows major parts including pelvis, uterus, placenta with umbilical cord and fetus.
- Each model is dissectable in 3 parts
- 44 features marked.
- Key card / Manual provided.



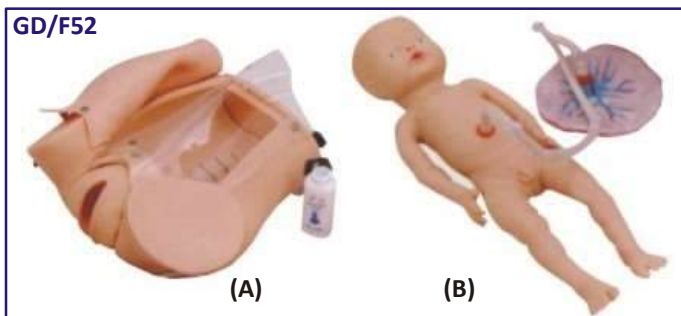
### ZX-S127

### ZX-S127

#### Birth Demonstration Model

- Size : Life size • Made of PVC
- It designed for teaching the act of birth.
- It consists of female pelvis with fetal skull.
- Key card / Manual provided.

### GD/F52 Advanced Delivery Mechanism Demonstration Simulator



- Demonstrate the whole process of delivery;
- 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.
- Can practice and master the comprehensive skills of normal labor, abnormal labor (dystocia), midwifery & perineum protection.
- 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

GD/F54



#### Features:

- Demonstrate the fetus, umbilical cord any placenta of vacuum-assisted delivery, flexible fetal joint ad multiple normal and abnormal positions of fetal delivery can be showed.
- 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.
- Can practice and master the comprehensive skills of normal labor, abnormal labor (dystocia), midwifery and perineum protection.
- Equipped with soft elevated cushion for Leopold Maneuver practice.
- Equipped with models for cervical and vaginal examination practice before and a birth.
- Component : B (Fetus for Demonstration) + C (Matric for Manual Delivery Demonstration) + D (Cervical Changes Models) + E (Lifting Soft Pad for Leopold Maneuver Practice).

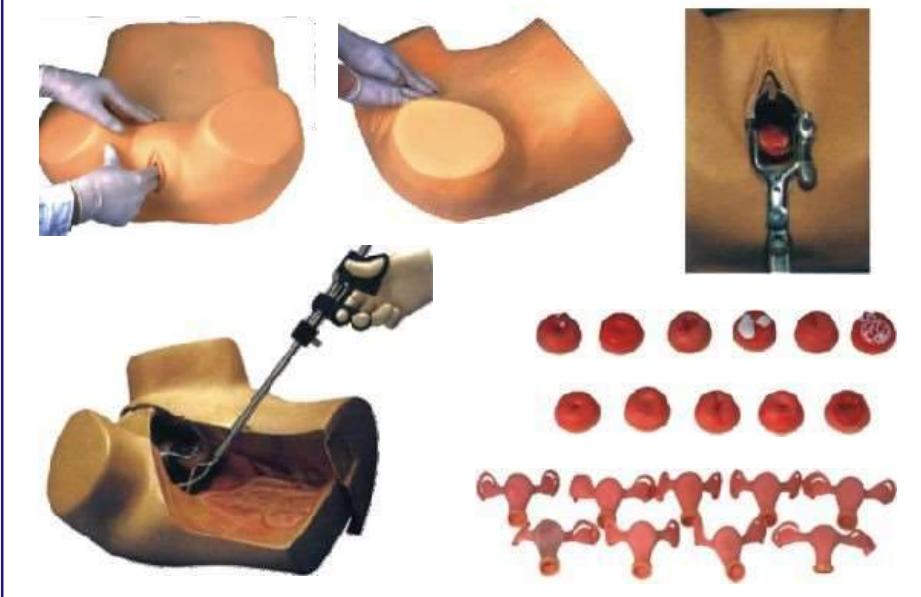
### GD/F35 Advanced Gynaecological Training Simulator

GD/F35



- Including all the functions of GD/F30S.
- Hysteroscopy Checking.
- Laparoscopic visualization checking can observe the uterus, accessories, round ligament, uterine and other structures.
- Allow to place the female condoms, contraceptive sponge, cervical cap & other contraceptives. Cervix and uterus can be replaced.

GD/F30S



GD/F30S

#### Gynaecological Examination Model

- This Gynecological Training Model is specifically designed for professional training. The various functions of this model are as follow:-
  1. Palpation of normal and pregnant uterus;
  2. Bi-manual pelvic and tri-manual pelvic examination;
  3. Vaginal examination;
  4. Visual recognition of normal abnormal cervixes;
  5. Contraceptive sponge insertion and removal;
- Observation of uterus, ovary, fallopian tubes and ligament teres.

### ADVANCED DELIVERY & EMERGENCY SIMULATOR

#### GD/F55 Advanced 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:

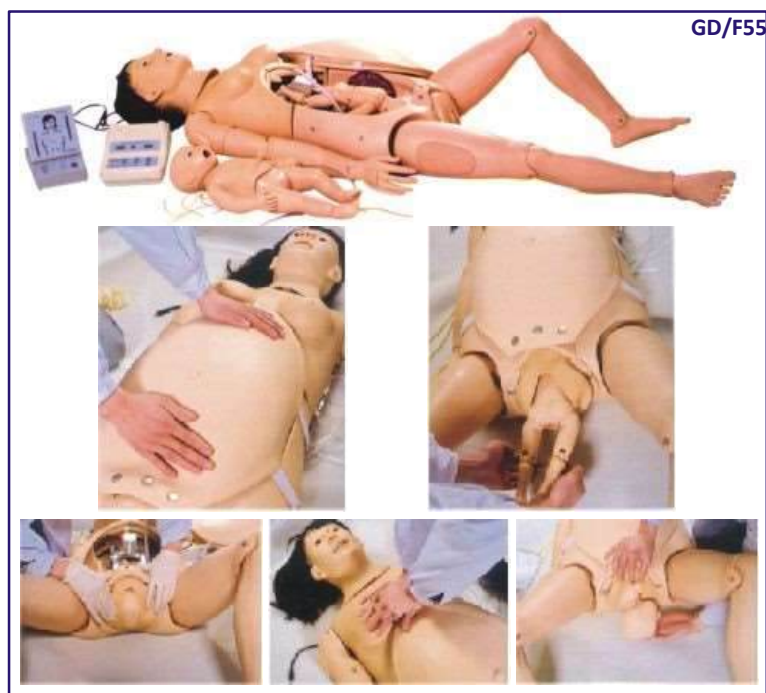
- Delivery and adult emergency used maternal manikin
- Emergency and nursing neonatal manikin
- Child birthing fetus
- Delivery process and fetal heart sound controller
- Adult CPR electronic display
- Simulative cervical os
- Postpartum 48 hours uterus
- Postpartum perineum incision and suturing modules
- Simulative placenta/umbilical cord
- Lifting "Soft pad" for Leopold maneuver practice
- Other auxiliary utensils
- Antepartum cervical changes and birth canal relation modules

#### MATERNAL MANIKIN FEATURES:

- 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.
- 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;
- Fetal heart sound auscultation: can set fetal heart sound frequency and volume, heart rate is adjustable between "80-180"
- Can simulate head birth, breech delivery, narrow birth canal, cord around neck, fore-lying placenta, etc;
- With highly simulative cervix
- Equipped with lifting "Soft pad" for practicing Leopold maneuver;
- 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 disappear; position relation between fetal head and ischial spine plane is -5; Stage 2: 2 cm cervical dilation; disappearance 50% of cervical canal; position relation between fetal head & ischial spine plane is -4; Stage 3: 4 cm cervical dilation; cervical canal disappears; the position relation between fetal head & ischial spine plane is -3; Stage 4: 5 cm cervical dilation; cervical canal disappears; the position relation between fetal head and ischial spine plane is 0; Stage 5: 7 cm cervical dilation; cervical canal disappears; the position relation between fetal head and ischial spine plane is +2; Stage 6: 10 cm cervical dilation; cervical canal disappears; the position relation between fetal head and ischial spine plane is +5;
- Can measure fetal head descent and cervical dilation
- Can simulate multiple placenta position
- Can set venous channel in maternal arm for giving administration and nutrition
- Vulvar suture practice modules, including left lower, medial and right lower three incision position
- Tracheal intubation training
- Manually simulate carotid artery pulse

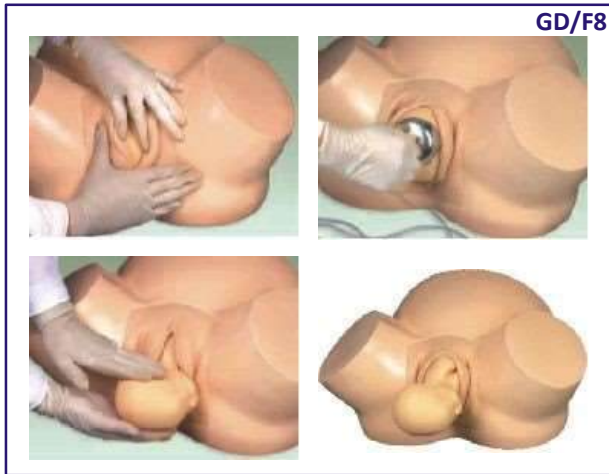
#### NEONATAL MANIKIN FEATURES:

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



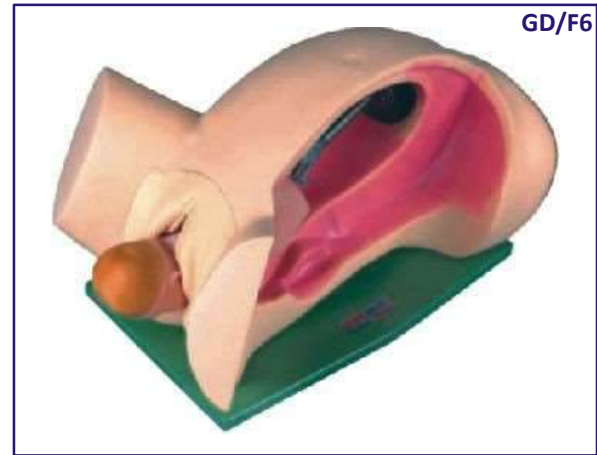
#### MATERNAL MANIKIN CPR TRAINING:

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



**GD/F8 Vacuum Delivery Model**

- The simulator can help to demonstrate all the process of delivery.
- The life-size pelvic 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**

- This model is designed for practice of perineum cutting and suturing.
- 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.
- There are two handles in the back and bottom of the simulator to adjust tension of the perineum.
- Right posterior incision, left posterior incision or median incision can be selected to exercise perineum cutting and suturing.



**GD/F3B Vulva Suturing Training Simulator**

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



**GD/FW2 Maternity Examination Model**

- Specifically designed for professional training. The various functions of this model are as follows:-
- Palpation, embryo heart sound auscultation, pelvic measurement & mammary nursing training;
- Inflating uterus through ball to make model to be lifelike;
- Adjustable heart sound speed, volume;
- Heart sound can be heard not only from stethoscope but also from microphone of front board of model.



GD/F20G

### GD/F20G Labour Delivery Simulator

- 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.
- The orifice of cervix has no expanding and the cervical tunnels haven't disappeared at all. The positional relation between the head of fetus and the square of ischial spine is-5.
- The orifine of cervix has expanded 2cm bigger and the cervical tunnels disappear 50%. The positional relation between the head of fetus and the square of ischial spine is-4.
- The orifice of cervix has expanded 4 cm bigger and the cervical tunnels disappear absolutely. The positional relation between the head of fetus and the square of ischial spine is-3.
- The orifice of cervix has expanded 5 cm bigger and the cervical tunnels disappear absolutely. The positional relation between the head of fetus and the square of ischial spine is-0.

## PAEDIATRICS MODELS



ZX-1705



### ZX-1705

#### Infant Model Male

- Life size • Made of PVC
- Ideal for training the main principals of baby care at school and in preparation courses for young parents.
- Model with emerged first 2 teeth (the lower central incisors).
- Key card / Manual provided.



ZX-1705A



### ZX-1705A

#### Newborn Baby Model Male

- Life size • Made of PVC
- Ideal for training the main principals of baby care at school and in preparation courses for young parents.
- Key card / Manual provided.



XC-409

### XC-409 Newborn Baby 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 clinic education : includes different parturition method, newborn baby bath etc.
- Made of soft PVC plastic. Washable. Length 52 cm, Head diameter: 34 cm.



GD/FT1

### GD/FT1 New Born Baby

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



XC-409A

### XC-409A New Style Newborn 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 characteristics 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.



GD/FT4

### GD/FT4

#### New Born Baby Model

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

### NURSING MANIKINS

#### GD/H130 Advanced Nursing Baby

- Specifically designed for professional nursing training.
- High quality manikin provides wide range of exercises
- Possible including both first aid and emergency situations.
- **Basic Nursing Skill :-**
- *Movable head, neck, hand and foot;*
- *Cephalic vein puncture;*
- *Umbilic vein injection;*
- *Oronasal intubation nursing;*
- *Stomach washing, clyster & catheter nursing;*
- *Ostomy;*
- *Hand-foot subcutaneous injection;*
- *Washing, lactation, dressing.*



#### GD/FT333 Advanced Multi-functional Child Nursing Manikin (Unisex)

Designed according to the anatomical characteristics of child, and specializing in child care training. The skin is soft and flexible, not easily deformed, realistic shape, lovely appearance, and clear internal anatomical structure. Good help for pediatric nursing teaching and training.

- Features:**
- Pupil observation. Bilateral Pupil states: normal, mydriasis,
  - Operations of child care: full body bandage exercise, bathing, changing clothes, hair combing, eye washing and administering, otic drops and irrigation, mouth cavity care, blood collection of finger and TB test.
  - Airway administering: realistic mouth, nose, tongue, gum, pharynx, larynx, esophagus, epiglottis, trachea and tracheal ring, can practice tracheal intubation, sputum suction, oxygen inhaling.
  - Oral and nasal feeding. Gasrolavage
  - Venipuncture, injection, transfusion (Arm). When needle penetrates into vein, blood flash back indicates proper insertion.
  - Intramuscular injection in bilateral deltoid, bilateral vastus lateralis and bilateral buttock. Enema, placement of rectal suppository. Urethral catheterization
  - Holistic care: sponge bath, replacing clothes, cold and heat therapy
  - Limbs joints: Bend, rotation, upper and lower movement.
  - Bathing and bandaging activity
  - Ostomy nursing of ileum, colon and bladder.
  - Tibial bone marrow puncture: Simulated bone marrow would outflow in the case of correct puncture.



#### GD/H2 Multi-Functional Nursing Manikin

This Nursing Manikin can demonstrate the following Basic Nursing Skills:-

- Face washing and swab down;
- Oral cavity nursing;
- Tracheotomy nursing;
- Oxygen in breathe;
- Nasal feeding;
- Stomach washing;
- Intracardiac injection;
- CPR first aid;
- Mammary nursing;
- Thoracic puncture;
- Liver puncture;
- Celiac puncture;
- Medulla puncture;
- Lumbar puncture;
- Deltoid puncture;
- Deltoid subcutaneous injection;
- Vein injection;
- Vein puncture;
- Vein transfusion;
- Female catheter;
- Female clyster;
- Gluteus intramuscular injection.

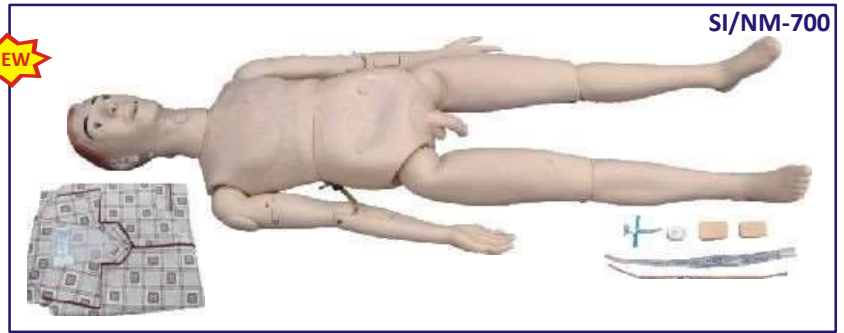


## NURSING MANIKIN

### SI/NM-700 MULTI-FUNCTIONAL BASIC NURSING MANIKIN (MALE)

This full body life-like Male manikin is specifically designed for professional nursing training. The quality of this manikin will provide many sessions of training when used with reasonable care. This multi-functional simulator can easily be assembled, well shaped appearance and correct anatomical landmarks which also shows the rib of the manikin. Below nursing skills can be practiced:

**NEW**



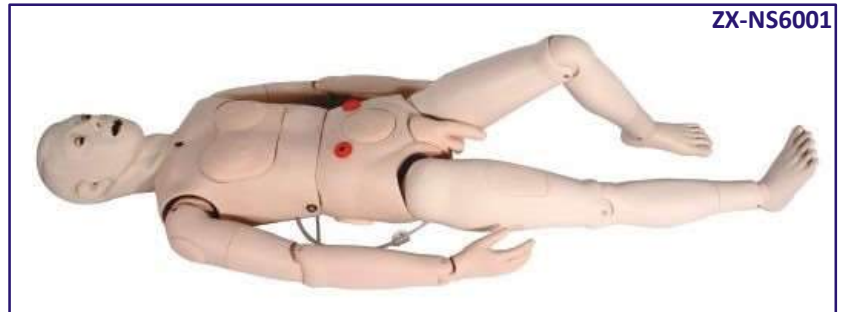
- Head care : hairwashing, face washing, oral cavity care.
- Bed bathes, dressing and undressing
- Patient moving, bedspread changing for bedridden patient
- Tracheotomy care
- Oxygen inhalation
- Nasal Feeding

- Gastric Lavage
- Intracardiac Injection
- External Cardiac resuscitation maneuver method
- Pneumothorax
- Thorax Puncture
- Liver Puncture
- Lumbar Puncture

- Deltoid Injection
- Deltoid subcutaneous Injection
- Veni-puncture and Intravenous injection
- Male Catheterisation
- Buttock muscle injection

### ZX-NS6001 Multi-Functional Nursing Simulator (Male)

Designed according to the demand of the clinical principles and the guidelines of nursing training. This multi-functional 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 of below nursing skills:



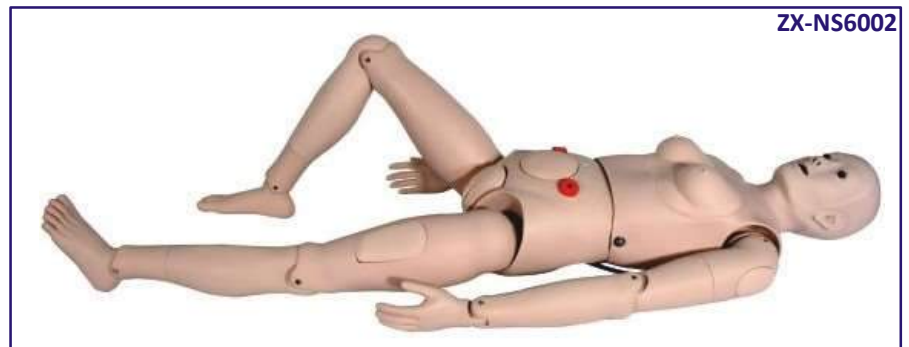
- Head Care
- Body care
- Patient moving
- Different lying pose
- Bilateral and Unilateral oxygen inhalation
- Atomization inhalation therapy

- Nasal Feeding
- Gastric lavage training
- Intravenous Injection
- Intramuscular Injection
- Hypodermic Injection
- Various fistulae orifice washing

- practice
- Male Catheterization
- Male Bladder Washing
- Enema Treatment
- Simulator Assembly

### ZX-NS6002 Multi-Functional Nursing Simulator (Female)

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.



- Head Care
- Body care
- Patient moving
- Different lying pose
- Bilateral & Unilateral oxygen inhalation
- Atomization inhalation therapy

- Nasal Feeding
- Gastric lavage training
- Intravenous Injection
- Intramuscular Injection
- Hypodermic Injection
- Various fistulae orifice washing practice

- Female Catheterization
- Female Bladder Washing
- Enema Treatment
- Simulator Assembly

### ZX-NS1088 Multi Functional Elder Nursing Manikin

- 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/H220B Full-functional Elderly Nursing Manikin (Female)

The manikin is designed according to the physiological characteristic of female old people for basic clinical nursing training. The product consists of full-body 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:

- Hair and face washing
- Pupil observation, Bilateral pupil states; normal, mydriasis
- Eye and ear washing and administering
- Removal and insertion of hearing aid
- Oral cavity and artificial teeth care
- Endotracheal intubation, automatically monitor whether the tracheal intubation is correct or not through sensor, support auscultation to detect intubation site
- Incision of trachea nursing
- Sputum suction, Oxygen inhaling, Oral and nasal feeding
- Gastrolavage, Venipuncture, injection, transfusion (arm)
- Deltoid subcutaneous injection, Vastus lateralis injection
- Thoracic cavity, abdominal cavity, liver, bone marrow & lumbar puncture
- Breast nursing, mammary gland examination
- Enema
- Male / Female urethral catheterization
- Male / Female bladder irrigation
- Stoma drainage, Colostomy, Buttocks intramuscular injection
- Large area of sacral ulcer
- Cancer tumor contrast, Cleavage lines contrast



- Holistic nursing: sponge bath, replacing clothes, cold and hot therapy
- Realistic limbs joint, stiff simulative joints, truck may lean forward, can sit in 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
- Non-invasive blood pressure measurement
  - 1) Systolic and diastolic pressure may be set individually in steps of 1mmHg
  - 2) Systolic pressure 0-300mmHg, diastolic pressure 0-300Hg
  - 3) Korotkoff sound volume in ten steps, 0-9
- Diabetes foot nursing

## NURSING MANIKIN



### GD/H100S Basic Combination Nursing Manikin

- Full-body lifelike manikin.
- Designed for professional nursing training.
- It provides wide range of exercises possible including both first aid and emergency situations.
- Nursing Skill:-
  - Bed bathes, dressing and undressing
  - Hair washing, face washing
  - Irrigation of the eyes and ears
  - Oral cavity care
  - Oxygen inhalation
  - Nasal feeding
  - Lavage
  - Oral cavity nasal cavity intubation
  - Tracheotomy care
  - Organs structure of Thorax,
  - Venipuncture & injection, transfusion
  - Deltoid injection
  - Urethral Catheterization for male & female
  - Irrigation of bladder for male and female
  - Gluteus injection
  - Ostomy irrigation.
  - Organs structure of abdominal cavity.



### GD/H120A Advanced Nursing & Wound Care Manikin (Male)

- Full-body lifelike male manikin.
- Specifically designed for professional nursing training.
- High quality manikin provides wide range of exercises possible including both first aid and emergency situations.

#### NURSING SKILL :-

- Head care: hair washing, face washing
- Irrigation of the eyes and ears
- Oral cavity care
- Oral cavity and nasal cavity intubation
- Oxygen inhalation
- Oral and nasal feeding
- Lavage
- Organs structure of thorax
- Venipuncture and injection, transfusion,
- Deltoid injection
- Puncture of thorax, abdominal cavity, liver medulla and lumbar
- Enema
- Urethral Catheterization for male and female
- Irrigation of bladder for male and female
- Ostomy Irrigation
- Gluteus injection
- Organs structure of abdominal cavity
- General care, bed bathes, dressing and undressing
- Wound care: disinfection, dressing change, binding, hemostasia.
- 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 the 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*

## CPR MANIKINS & AED TRAINER

ZX-CPR1500



NEW

### ZX-CPR1500 Infant Obstruction and CPR Model

- Simulating airway obstacle, practice back smacking method and chest finger press method.
- Basic CPR operation practice, artificial respiration and chest compression.
- Realistic chest rise and fall.
- Lifelike body scale and accurate anatomical structure, touchable breastbone and ribs.

ZX-FA6248



NEW

### ZX-FA6248 Neonatal Endotracheal Intubation Model

- New born male baby, realistic texture.
- Practice intubation via oral cavity.
- Chest movement for testifying correct intubation.
- Basic CPR skill practice.

### ZX-CPR1600 Advanced Infant CPR Training Manikin

- Implement Standard: the 2010 AHA (American Heart Association) Guidelines for CPR & ECC.
- The manikin 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.
- Correct or incorrect compression and ventilation would be indicated by the indicator light.
  - (1) The correct depth is indicated by the green LED strip lights.
  - (2) The incorrect depth would be demonstrated by the yellow LED strip lights.
  - (3) The corresponding indicator light would be on when airway opened.
- Artificial Ventilation: The operator could make mouth-to-mouth ventilation with both infant nose and mouth covered by operator's mouth.
  - (1) The proper ventilation volume is 30-50 ml, it would be indicated by the LED strip lights which would turn in green color then.
  - (2) Ventilation volume less than 30 ml, the LED strip lights would turn yellow to indicate the insufficient volume.
  - (3) Ventilation volume more than 50 ml, the LED strip lights would turn red to indicate the excessive volume.

ZX-CPR1600



### GD/FT335 Advanced Full Functional Neonatal Nursing & CPR Manikin

GD/FT335



The product is designed according to the standard size of new born baby, which allows neonatal nursing operation and CPR and Airway management Training.

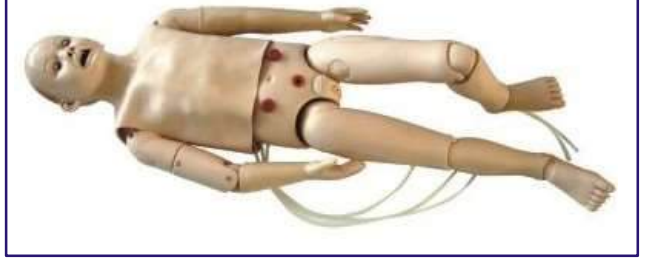
- Basic nursing operating : bathing change/wear clothes, cold and heat therapy, washing face, oral cavity nursing, ear irrigation, umbilical care;
- Venous puncture/infusion: venae temporalis superficialis, right arm vein, etc ;
- Airway management: Realistic oral, nose, tongue, gums, pharynx, Larynx, esophagus, epiglottis, trachea ; oral and nasal tracheal intubation ; sputum suction, oxygen inhalation ;
- CPR : multiple ventilation ways such as mouth to mouth, bag respirator to mouth; compression and inflation frequency prompts; judge whether the inflation volume and compression depth is right or not ; compression and inflation training can be carried out at the same time or can be undertaken separately.

## CPR MANIKINS

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

- 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 stomacare
- 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.

GD/FT334



### ZX-CPR1700 Advanced Child CPR Training Manikin with Monitor

ZX-CPR1700



- Child CPR manikin with LED lights monitor.
- Air drive ensor 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.

MB001B+ (AD)



### MB001B+ (AD) CPR Training Manikin Advance (Torso)

- **Features and Function:**
  - Ultra hygienic
  - Two in one simulator - Adult/Child
  - Exclusive three position selector dial
  - Breathing function : Real-like system
  - Jaw thrust maneuver
  - AED compatible (AED not included)
  - Unique one-way valve
  - Realistic opening of airway
  - Clicking sound to check correct compression depth
  - Accessories include Travel Bag.

### MB001 (AD) CPR Training Manikin Advance (Torso)

- MB001 (AD) same above but without accessories.

AED01



### AED01 AED Trainer

- The AED Trainer with Replaceable Language/Scenario Card is designed to effectively train emergency responder in the use of an Automated External Defibrillator (AED). This training unit provides a variety of pre-programmed scenarios to help responders become familiar with an AED and allow them to demonstrate the basic skills necessary to use an AED in an emergency.
- AED Trainer provides simulated shock delivery. It has no high-voltage capabilities, and cannot deliver a shock, thereby ensuring safety during training.

ZX-CPR2000



ZX-CPR2000

### Advanced Half-Body CPR Training Manikin with Monitor

- Implement Standard: The 2010 AHA Guidelines for CPR and ECC.
- This new designed CPR Training manikin has Correct anatomical landmarks, skin-touch feeling, lifelike colour, rural shape, durable material provides a good practice experience for students.
- In the Monitor lights display the compression depth and ventilation strength.

### ZX-CPR1950 Advanced Half Body CPR Training Manikin with Light



ZX-CPR1950

- Operation Standard: AHA 2010 Guidelines for CPR & ECC
- 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;
- Accurate anatomical landmark, realistic texture, durable, resistance to deform and convenient to disassembly & assemble
- Compression indication: Suitable Strength (depth > 5cm) in correct position, the green light turns on. And a buzzing sound comes out. Wrong compression position, red light turns on.
- Insufficient strength, yellow light turns on and a buzzing alarm comes out.

### ZX-CPR1900 Half Body CPR Training Manikin without Light



ZX-CPR1900

- 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;
- Accurate anatomical landmark, realistic texture, durable, resistance to deform and convenient to disassembly & assembly.
- Standard procedure and cautions:
  - In training mode, compression and ventilation don't have to be practiced in order
  - When used for examination, operate in compliance with AHA 2010 CPR & ECC standards. Repeat 5 rounds.
- Compression indication:
  - Correct Strength: In correct position, a high tone buzzing sound for indication.
  - Insufficient strength (depth < 5cm), a low tone buzzing sound for indication.

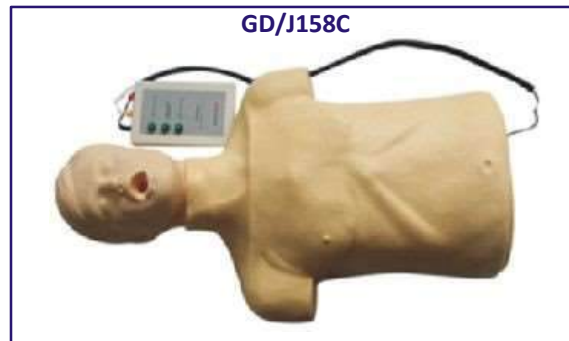
### GD/J158C Adult CPR And Intubation Training Manikin Half-Body with Monitor

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

Features:

- Pupil response: Bilateral pupils contrast observation
- Carotid artery response: pinching pressure the ball to simulate carotid pulse;
- Chest compression
- Standard airway open
- Feasible three ways to open the airway: lift jaw with head back, lift the head and neck, lift jaw by hands
- Mouth resuscitation and ventilator-assisted breathing, effective artificial respiration has visible chest rise
- Simulate laryngeal mask airway and composite cannula can be inserted into the airway
- 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).

GD/J158C



- Observed pulmonary respiration
- Artificial ventilation.
- Oral or nasal intubation and esophageal intubation
- Open the airway and practise from resuscitator bag to breathing mask or from resuscitator bag to the cannula.
- Respiratory tract is simple and can be replaced
- Easy to carry, suitable for field training.

## CPR MANIKINS

### ZX-CPR3000 Advanced CPR Training Manikin with Monitor and Printer



- 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/CPR 10280 Advanced Adult CPR Training Manikin



- 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 Simulate 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 Hospital, Medical College and Nursing Training Institutes.

## MEDICAL MODELS

### GD/J110 Advanced Trauma Simulator

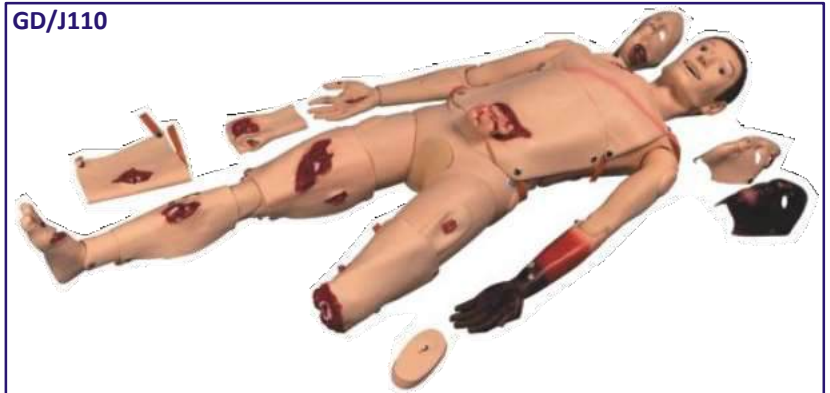
#### Features:

- Washing, disinfection, hemostasia, enswathement etc.

- Open fracture, truncation trauma

#### Features of Advance trauma manikin:

- Facial burn: I, II, III degree
- Laceration in forehead
- The wound in jaw
- Opened clavicular fracture and contusion wound on the chest
- The wound in abdomen with small intension evisceration
- Opened humerous fracture of right upper arm
- Opened fracture of right hand (including parenchyma laceration, fracture and bone tissue exposure)
- Gun wound in the right palm
- Opened fracture of right thighbone
- Compound femur fracture of left thigh
- Metal pricking wound in right thigh



- Opened tibia fracture of right leg
- Opened fracture of right foot with truncating trauma on small phalanx
- Burns in left forearm: I, II, III degree
- Truncating trauma on left thigh
- Closed tibia fracture of right leg & contusion wounds in left ankle & foot.

### ZX-FA6805 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
  - 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

#### Features:

- Made of imported silicone rubber material after injection molding. Can simulate trauma of head and limbs closed fracture.
- Can help students understand fracture symptoms such as deformity, bone fricative 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.
- Vivid fracture trauma simulation Modular accessories can be replaced conveniently. One of ideal products for surgical trauma emergency rescue skills training.
- Suitable for practice training in medical colleges, nursing colleges and training teaching in clinical popularization among primary level health departments.



## SAFETY POSTERS

- Available in English & Hindi
- Size: 33x48 cm
- Paper : 250 gsm Paper
- Both Side Laminated
- Wall Stickable

### Healthcare Safety



### Fire Safety

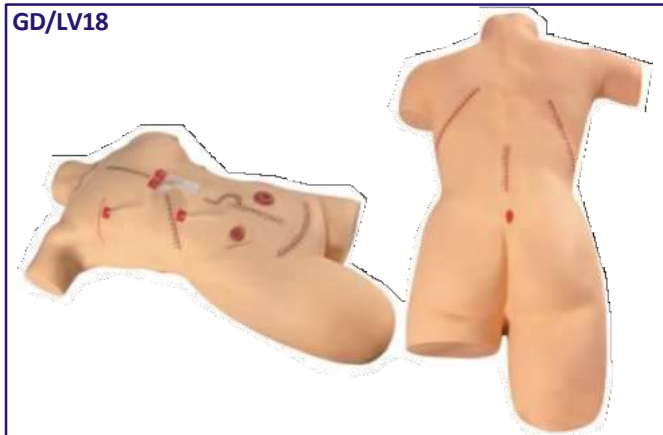


### Electrical Safety



### 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:

- Thyroidectomy
- Mid-sternal split - with two chest tube drains
- Right mastectomy - with simulated drain
- Right cholecystectomy - with simulated T-tube
- Laparotomy
- Appendectomy
- Left colostomy
- Right ileostomy
- Abdominal Hysterectomy (Transverse incision)
- Left nephrectomy (thoraco-abdominal incision)
- Right nephrectomy (oblique incision)
- Laminectomy
- Sacral decubitus ulcer - stage 2
- Right thigh amputation stump



ZX-NS6012

### 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



ZX-NS6016

### Intradermal Injection Pad

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



ZX-NS6018

### 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/HS2 Multi Functional I.V. 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 & phlebotomization.
- This model can provide a real life like feel when the students practice on this model.

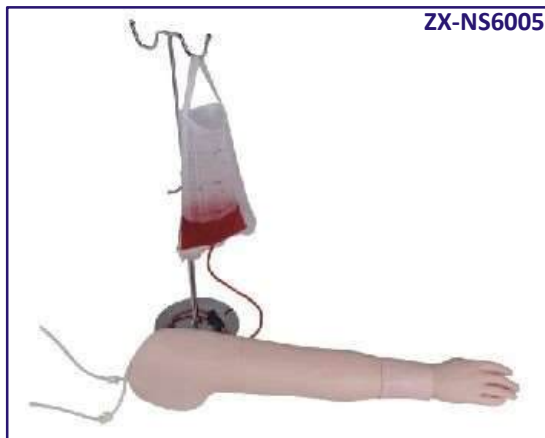
### GD/HS8

#### Child IV Training Arm

#### Features:

- Simulate the arm of child (4 years old)
- Lifelike arm reproduction with multi-vein system designed for peripheral intravenous therapy.
- Size : 64x14x10.5 cm.
- Gross weight : 4 kg.





ZX-NS6005

### ZX-NS6005 Multifunctional 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 Trainings could be practiced in the deltoid area.
- The sleeve in upper arm provides various injection positions for practice.
- Skin and Veins have spare parts for replacement after plenty of times practice.



GD/HS32

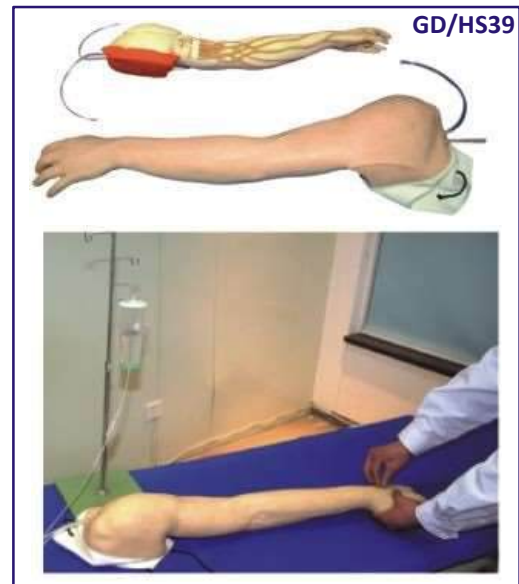
### GD/HS32 Pediatric Venipuncture Arm

Advanced Pediatric Venipuncture Model is composed of rubber plastic arm and infusion blood vessel, etc. The model features anatomic structure of hand, vivid blood vessel structure and clear landmarks, allowing hand venous puncture training. Applicable for High Medical Schools, Nursing College, Occupational Technology Colleges and hospital clinical workers to practice and demonstrate hand venous puncture. Can repeat puncture operation and can be replaced after damage. Made of imported PVC material, with reasonable structure, realistic operation, durability and non-deformation features.

### GD/HS39 Full-functional Vein Injection Arm

#### Complete Venipuncture Arm:

- Venous access: Basilic V Cephalic V Digital V Dorsal Metacarpal V Median Basilic V Accessory Cephalic V Extensive venipuncture system Median Antebra chial V Median Cephalic V Median Cubital V Thumb V
- 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.
- 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 disdernable "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.
- 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.



GD/HS39



### GD/L63 Prostate Inspection Model

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

### GD/L64 Peritoneal Dialysis Simulator



- This model is a specially designed simulator for the medical staff to practise the skill of peritoneal dialysis.
- Fistula orifice is in the realistic position, and the simulative liquieflow out through it.
- Standard Equipment includes Catheter, Disposable Water-Proof Fabric, Infusion Stand, Liquid Bag, Deluxe Portable Box.



### GD/J55 Airway Intubation Model

- Accurate anatomical marks
- Oral or nasal cavity intubation
- Wrong operation, stomach inflation or laryngoscope compressing the teeth will activate warning prompting.
- One proper pupil & another mydriasis.



### ZX-FA5058 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.



### ZX-CS6206

### Suturing Skin Pad with Stand

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

### ZX-NS6036 Nasal Feeding and Gastric Lavage Simulator



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

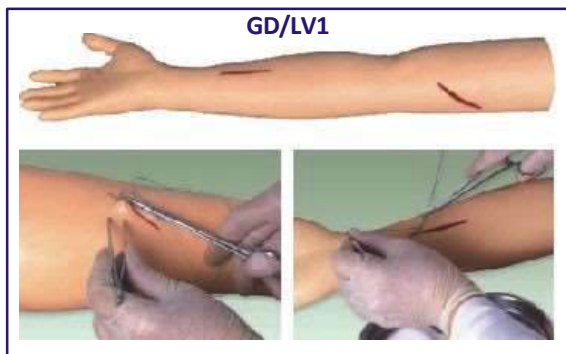
- Life like clear anatomical structure, include: head, neck, chest real size lungs and stomach
- Transparent abdominal wall, clear observation of internal organs
- Oral/nasal cavity intubation
- Nasal feeding
- Gastric Lavage: Stomach capacity 500 ml.

### GD/HS19 Diabetic Foot Nursing Simulator

#### Features:

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





**GD/LV1 Advanced Surgical Suture Arm**

- Allows student to practice cut, suturing, stitches release, enswathing etc.
- The elasticity and flexibility of skin allows practice hundreds times.
- If all the initial wounds have been sutured, student can cut the arm in other place for new training of suturing.



**GD/LV2 Advanced Surgical Suture Leg**

- This model of Advance Suturing Leg allows student to practice cut, suturing, stitches release, enswathing, etc.
- The elasticity and flexibility of skin can make it for practice hundredstimes.
- If all the initial wounds have been sutured, student can cut the leg in other place for new training of suturing.



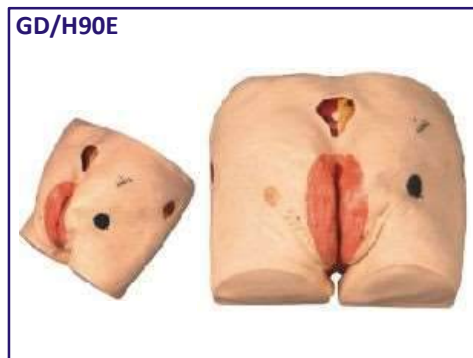
**ZX-NS6070 Electronic Catheterization & Enema Model with monitor (Unisex)**

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



**ZX-NS6044 Gender Exchangeable Catheterization Model (Unisex)**

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



**GD/H90E Decubitus Ulcer Care Simulator**

Features:

- 4 stages of ulceration
- Decubitus ulcer kinds: sinus, corruption scab, fistula, suturing incision, infection, eschar, bone exposure, Herpes & Monilia infection.
- Incision washing, evaluation & measurement.



**GD/H17E Male Catheterization Training Simulator**

Features:

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



**GD/H17F Female Catheterization Training Simulator**

Features:

- General urethral Catheterization process can be operated.
- There is resistance when advancing the catheter through urethral sphincter.

## MEDICAL MODELS

### ZX-NS6028 Buttock Intramuscular Injection Training Model



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/HS10C Adult Intramuscular Injection Training Manikin

#### Features:

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



### XC-431 Buttock Injection Model

This Economical model shows the location for muscle injection on the buttock, supply for training the students to learn injection skills.



### ZX-GP6620 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 & precise anatomical structure for inspection practice
- Model is natural life size.



### GD/F7A Breast Examination Model

- Palpation of galactophore malignant tumor, innocent tumor, lymphaden and lobulus accrementation.
- In imported thermoplastic.
- Lifelike shape, skinny, pleasant to touch, durable.
- Ametabolic under disinfections and cleanout, convenient delivery.

## COMMUNITY HEALTH BAG

### CHB02N Surgical Kit for Community Health Economical



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

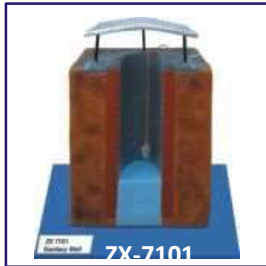
### COMMUNITY HEALTH NURSING MODELS

- Made of high grade materials having long durability
- Mounted on sturdy wooden frame for easy display
- Supplied with well illustrated informative literature
- Well labeled parts
- Beautifully painted in bright colors
- Model is a great teaching tool for nursing students

#### 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
- ZX-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



VETERINARY MODELS

ZX-3500E Cow Skeleton



- Size : 61 x 46 x 07 cm.
- It shows maxilla, mandible, vertebrae, ribs, humerus, ulna, radius, femur, tibia, patella, phalanges, fibula, pelvis etc.
- Mounted on wooden board.
- 33 features marked.
- Key card / Manual provided.

ZX-3501E Dog Skeleton



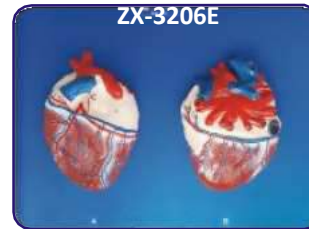
- Size : 61 x 46 x 07 cm.
- It shows maxilla, mandible, skull, atlas, axis, scapula, ribs, other vertebrae, hand and arm bones, leg & foot bones, pelvis etc.
- Mounted on wooden board.
- 35 features marked.
- Key card / Manual provided.

ZX-3502E Fowl Skeleton



- Size : 46 x 61 x 07 cm.
- It shows cranium, mandible of bill, orbit, vertebrae, keel, fingers, pygostyle, arm bones, leg bones, ribs, hallux & other digits.
- Mounted on wooden board.
- 35 features marked.
- Key card / Manual provided.

ZX-3206E Dog Heart



- Size : 61 x 46 x 07 cm.
- Model is a set of two pieces showing ventral and dorsal aspect of dog heart.
- Model shows blood vessels & chambers of dog heart.
- Mounted on wooden board.
- 31 features marked.
- Key card / Manual provided.

ZX-3204E Dog Blood Circulation



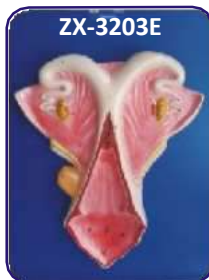
- Size : 61 x 46 x 07 cm.
- Model shows important arteries and veins with heart in position of a dog circulatory system.
- Mounted on wooden board.
- 47 features marked.
- Key card / Manual provided.

ZX-3202E Cow Digestive System



- Size : 61 x 46 x 07 cm.
- Model shows cow's digestive tract consisting of mouth, oesophagus, complex four compartment stomach, small intestine and large intestine.
- Mounted on wooden board.
- 14 features marked.
- Key card / Manual provided.

ZX-3203E Cow Uterus



- Size : 46 x 61 x 07 cm.
- It consists of a septate uterine body and two uterine horns. Other structures shown are broad ligament, ovaries, oviducts, bladder, vagina, vestibule, ureter etc.
- Mounted on wooden board.
- 21 features marked.
- Key card / Manual provided.

ZX-3205E Dog Respiratory



- Size : 61 x 46 x 07 cm.
- It shows dog respiratory system organs such as nose, nasal & sinus cavity, pharynx, trachea, lungs & diaphragm.
- Mounted on wooden board.
- 7 features marked.
- Key card / Manual provided.

ZX-3207E Dog Liver



- Size : 46 x 61 x 07 cm.
- Model is a set of 2 pieces showing caudal & cranial aspect of dog liver.
- It shows different lobes of liver, ligaments, small bladder, bile duct, hepatic artery etc.
- Mounted on wooden board.
- 22 features marked.
- Key card / Manual provided.

ZX-3208E Bony Fish General Anatomy



- Life size
- Model is longitudinally dissected in 5 parts.
- Details of external features are shown on one side & internal anatomy is shown on other side.
- Removable parts are magnetically secured in position.
- 42 features marked.
- Key card / Manual provided.



ZX-3503

NEW

### ZX-3503 Skeleton of Dog

- Life size • Made of PVC • Well illustrated and informative.
- Domestic dog featuring detailed plastic bones. The model has a removable tail and skull with articulating mandible, attached by metal pins.
- The skeleton is firmly mounted on a plastic base for stability and display.
- This mounted skeleton is particularly suitable for general veterinary study and for the education and demonstration of procedures to pet owners.
- Beautifully painted in bright colors.
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
- Model is great teaching tool for anatomy lessons.
- Key card / Manual provided.



ZX-3504

NEW

### ZX-3504 Skeleton of Cat

- Life size • Made of PVC • Well illustrated and informative.
- Standard sized domestic cat featuring detailed plastic bones. The model has a removable tail and skull with articulating mandible, attached by metal pins.
- The skeleton is firmly mounted on a plastic base for stability and display.
- Beautifully painted in bright colors.
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
- Model is great teaching tool for anatomy lessons.
- Key card / Manual provided.



ZX-3210

NEW

### ZX-3210 Dog Dissection Model (10 parts)

- Size: 41x9.5x30 cm, 10 parts, Model's one half shows muscle details and other half shows external morphology. Muscular half can be removed to show dissectable internal organs.

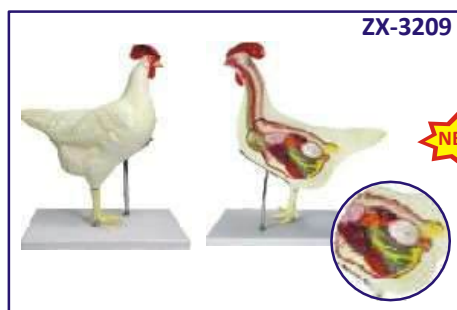


ZX-3212

NEW

### ZX-3212 Cat Dissection Model (12 parts)

- Size: 61x13x26 cm, 12 parts, Model's one half shows muscle details and other half shows external morphology. Muscular half can be removed to show dissectable internal organs.



ZX-3209

NEW

### ZX-3209 Chicken Dissection Model (6 parts)

- Size: 39x11x41 cm, Dissectable 6 parts help to examine muscular system and internal organs closely.
- Model depicts the female bird in very high detail.
- Left side shows internal structures of digestive, respiratory and circulatory system, as well as a fully developed egg. Right side shows external morphological features.



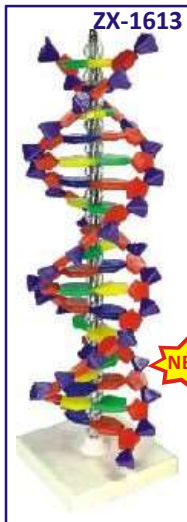
ZX-3211

NEW

### ZX-3211 Rabbit Dissection Model (9 parts)

- Size: 50x20x28 cm, 9 parts, Model's one half shows muscle details and other half shows external morphology. Muscular half can be removed to show dissectable internal organs.

### HISTOLOGY AND BIOMOLECULES MODELS



#### ZX-1613 DNA Model

- Stands 40cm tall
- Made of Plastic
- Mounted on stand.
- 18 layers, 9 each of AT& GC.
- Handy demonstration model of DNA helix.
- Parts are colour coded and represent purines, pyrimidines, deoxyribose & phosphate groups that make up the double helix of DNA.
- Model is great teaching tool.
- Key card / Manual provided.



#### ZX-1608 Cardiac Muscle Fibre

- Block model is greatly enlarged cardiac muscle fibre.
- The model shows significant anatomical structures such as sarcolemma, nucleus, mitochondria, transverse tubules, cardiomyocytes, sarcoplasmic reticulum, intercalated disc, M line, Z disc & various filaments.
- Mounted on durable wooden base.
- Size: 41 x 20 x 19 cm
- 17 parts labeled in total.



#### ZX-1607

#### Smooth Muscle Fibre

- Block model is a greatly enlarged smooth muscle fibre.
- The model shows significant structures including sarcoplasm, nucleus, mitochondria, dense body, filaments, autonomic neurons and gap junction.
- Size: 36 x 25.5 x 13 cm
- 18 parts labeled in total.



#### DN001 DNA Model Kit

- Made of Plastic.
- Ready to assemble model.
- Size: 10 x 10 x 45 cm.

#### ZX-1609 Skeletal Muscle Fibre

- Block model is greatly enlarged model of skeletal muscle fibre.
- Model shows various anatomical structures like neuromuscular junction, T tubules, myofibrils, bands, nucleus etc.
- Mounted on wooden base.
- Size: 20 x 20 x 19 cm • 21 parts labeled in total.



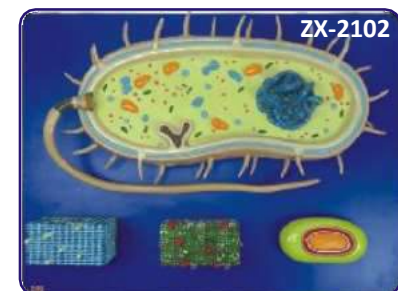
#### ZX-2101 Mitochondria

- Block model is highly enlarged open section of typical mitochondria.
- Model shows outer & inner membranes, cristae, ribosomes, matrix, mitochondrial DNA, etc.
- Mounted on sturdy wooden base.
- Size: 41 x 21 x 13 cm.
- 10 parts labeled in total.



#### ZX-2100 Chloroplast

- Block model is highly enlarged open section of a typical chloroplast.
- Model shows inner and outer membranes, granum, stroma, DNA, starch granule, osmiophilic globule and thylakoids.
- Mounted on sturdy wooden base.
- Size: 36 x 25.5 x 19 cm.
- 13 parts labeled in total.



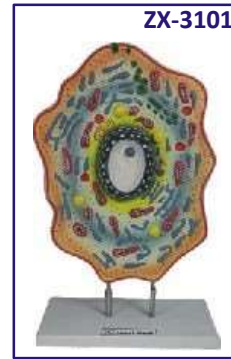
#### ZX-2102 Bacterium

- Model is greatly enlarged bacterium model depicting anatomical complexity of a general prokaryotic cell.
- The model is a set of 4 models including block models of the cell wall of gram positive and gram negative bacteria, opened bacterial spore showing spore coat & internal structures and main bacterium.
- Mounted on sturdy wooden base.
- Size : 55x40x9.5 cm. 34 parts labeled in total.



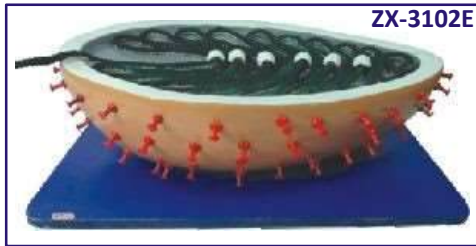
### ZX-3100E AIDS Virus

- Highly enlarged detailed model of HIV (Human Immunodeficiency Virus) commonly called AIDS virus.
- Model shows outer lipid membrane with protein structures, internal nucleus with viral RNA.
- Size : 15 x 15 x 23 cm.



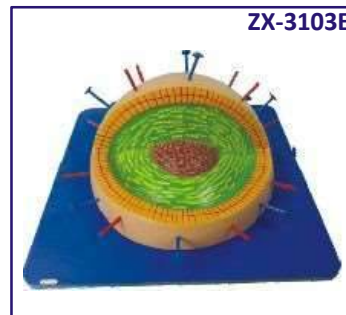
### ZX-3101 Animal Cell Model

- Made of high grade synthetic polymer having long durability.
- Delivered with removable stand.
- Size: 30x40x10 cm.
- Well illustrated & informative.
- 19 parts labeled in total.
- Beautifully painted in bright colors.



### ZX-3102E Rabies Virus

- Model of rabies virus is enlarged millions of times to show viral RNA, lipid envelope, glycoprotein, polymerase etc.
- Mounted on wooden base.
- Size : 35x25x10 cm. • 6 parts labeled in total.



### ZX-3103E Influenza Virus

- This millions of times enlarged model of influenza virus shows lipid envelope, capsid, nucleoprotein, hemagglutinin and neuraminidase.
- Mounted on wooden base.
- Size : 35x35x16 cm.
- 5 parts labeled in total.

## VISUAL TEACHING AIDS

### OHP 250T KANSIL'S OVERHEAD PROJECTOR :

- Low voltage
- Latest Design
- Two Halogen lamps 24V-250W
- Rack & Pinion Focusing System
- Equipped with dual bulb system
- Light weight
- Metal Body
- Motorised cooling System
- Intensity Control



### SP-150 Slide Projector Manual :

- Versatile design
- Halogen Lamp 24V-150W
- Noiseless cooling system
- Slide carrier for 2 slides
- Rigid construction
- Height adjustable
- Manual Focusing



## OPTIONAL ACCESSORIES

- OA01** Projection Screen 70"×52" (175 × 130 cms) with folding tripod stand
- OA02** Projection Screen 60"×60" (150×150 cms) with folding tripod stand
- OA03** Projection Screen 90"×72" (225×180 cms) with folding tripod stand
- OA04** Map Screen made of thick white rexine with roller 175×130 cms
- OA11** Overhead Projector marker set of 7 pens including Eraser Pen
- OA12** Blank Overhead Projector Transparencies - 210×297 mm. Packet of 100 sheets
- OA21** Bulb for OHP 24v-250W
- OA22** Bulb for Slide Projector 24V-150W
- OA32** Laser Pointer Pen type with button cells

### 2"×2" COLOURED 35 mm SLIDES

#### HEALTH SECTION

• Available in set only

#### Prevent the Diseases

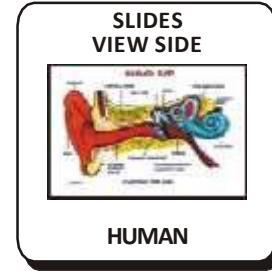
each set contain 20 slides

- SPD01 Cholera
- SPD02 Malaria
- SPD03 Aids
- SPD04 Plague
- SPD05 Tuberculosis
- SPD06 Leprosy
- SPD07 Influenza
- SPD08 Jaundice
- SPD09 Cancer
- SPD10 Typhoid
- SPD11 Viral Diseases
- SPD12 Chicken Pox
- SPD13 Dysentery
- SPD14 Hepatitis
- SPD15 Heart Attack
- SPD16 Diabetes
- SPD17 Asthma
- SPD18 Arthritis
- SPD19 Thyroid
- SPD20 Blood Pressure

#### Health Care

each set contain 20 slides

- SHC01 Health Rules
- SHC02 Causes of Diseases
- SHC03 Prevention of Diseases
- SHC04 Effects of Alcohol
- SHC05 Tobacco & Habit Forming Drugs
- SHC06 Clean Body
- SHC07 Clean Water
- SHC08 Constituents of Food
- SHC09 Malnutrition
- SHC10 Immunization
- Others**
- SH01 Human Physiology *set of 50*
- SH03 Yogasan *set of 20*
- SH07 First Aid *set of 50*
- SH09 Mothercraft *set of 30*
- SH11 Child Welfare *set of 20*
- SH12 Family Planning *set of 100*
- SH13 Community cleanliness *set of 8*



#### BIO VIEWERS

BV01 Slide viewer for Viewing Slides in available light

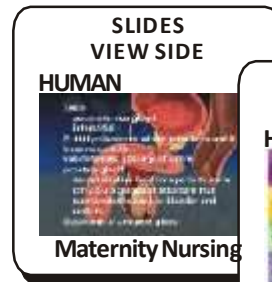
Biostrips are available on various subjects. Biostrips can be prepared on any subject (Minimum quantity 50 each title).



#### NURSING SLIDES SETS

• Available in set only

- SNM01 Basic Nursing Skills *set of 40*
- SNM02 Burns & Nursing *set of 40*
- SNM03 Fundamentals Of Nursing *set of 60*
- SNM04 History Of Nursing *set of 20*
- SNM05 Infant Nursing *set of 40*
- SNM06 Medical Surgical Nursing *set of 20*
- SNM07 Maternity Nursing *set of 20*
- SNM08 Nursing Responsibilities & Implications *set of 100*
- SNM09 Oncologic Nursing *set of 40*
- SNM10 Pediatric Nursing *set of 40*
- SNM11 Emergency Delivery *set of 20*



#### SPECIAL SLIDES (available in Album Only)

- |  |  |
|--|--|
| SSS01 Biology Album for 10+1 <i>set of 100</i> | SSS05 Pathology <i>set of 100</i>                |
| SSS02 Biology Album for 10+2 <i>set of 100</i> | SSS06 Chemistry Album for 10+2 <i>set of 100</i> |
| SSS03 Medicinal Plants <i>set of 100</i>       | SSS07 Physics Album for 10+2 <i>set of 100</i>   |
| SSS04 Histology <i>set of 100</i>              | SSS09 Human Physiology <i>set of 100</i>         |

#### OVERHEAD PROJECTOR TRANSPARENCIES

• Available in set only

- |  |                                    |
|--|------------------------------------|
| OT04 Chick Embryology <i>set of 20</i> | OT11 Sense organs <i>set of 20</i> |
| OT05 Frog Development <i>set of 15</i> | OT13 First Aid <i>set of 50</i>    |
| OT10 Human Physiology <i>set of 50</i> |                                    |



## BIOLOGY MODELS

### BOTANY MODELS

Made of Fiber Glass on MDF Board.  
Each Model size 60 x 45 cm



- BMB01** Plant Cell
- BMB02** Germination of Seed
- BMB03** Fertilization & Angiosperms
- BMB04** Plant Cell Meiosis
- BMB05** Plant Cell Mitosis
- BMB06** L. S. Flower
- BMB07** L. S. Ovary
- BMB08** T. S. Monocot Root
- BMB09** T. S. Dicot Root
- BMB10** T. S. Monocot Stem

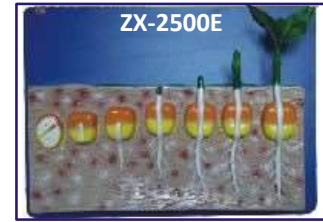


- BMB11** T. S. Dicot Stem
- BMB12** T. S. Monocot Leaf
- BMB13** T. S. Dicot Leaf
- BMB14** Root Tip
- BMB15** Life Cycle : Moss
- BMB16** Life Cycle : Fern
- BMB17** Life Cycle : Fungus
- BMB18** Spirogyra
- BMB19** Pitcher Plant
- BMB20** Funaria Plant



#### ZX-2200E Types of Ovules

- 4 pieces model on board.
- Model shows anatropous, orthotropous, amphitropous and hemi-anatropous ovules.
- Size : 45x60x3 cm.
- 9 parts labeled in total.



#### ZX-2500E Monocot Seed Germination

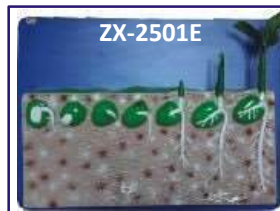
- Stages of germination (Hypogeal) in maize is shown.
- Mounted on wooden base.
- Size: 56 x 41 x 9 cm
- 8 parts labeled in total.

### MODELS OF FLOWERS



Made of Fiber Glass on stand.

- BMF01** Typical Flower
- BMF02** Liliaceae Flower
- BMF03** Rosaceae Flower



#### ZX-2501E

#### Dicot Seed Germination

- Stages of germination (Hypogeal) in pea is shown.
- Mounted on wooden base.
- Size: 56x41x9 cm.
- 8 parts labeled in total.



#### ZX-2600E

#### L.H. of Angiosperm

- Model is a set of 19 piece.
- Model is mounted on board to show the life cycle of an angiosperm.
- Size : 60x45x3 cm.
- 13 parts labeled in total.

### ZOOLOGY MODELS

Made of Fiber Glass on MDF Board.  
Each Model size 60 x 45 cm



- BMZ01** Animal Cell
- BMZ02** Animal Cell Meiosis
- BMZ03** Animal Cell Mitosis
- BMZ04** Amoeba
- BMZ05** Paramecium
- BMZ06** Hydra
- BMZ07** Euglena
- BMZ08** Malarial Parasite
- BMZ09** Bacteria
- BMZ10** Virus



- BMZ11** Frog Dissection
- BMZ12** Rat Dissection
- BMZ13** Fish Dissection
- BMZ14** Rabbit Dissection
- BMZ15** Development of Frog
- BMZ16** Life History of Silk Worm
- BMZ17** Life History of Mosquito
- BMZ18** Life History of Honey Bee
- BMZ19** Life History of Butterfly
- BMZ20** Life Cycle of Tapeworm



#### ZX-3200E Tape Worm

- Set of 8 pieces model shows scolices of beef tapeworm (Taenia Saginata), pork tapeworm (Taenia Solium), mature egg, larval stage tapeworm and longitudinal sections of gravid, immature and mature proglottid.
- Size: 55x40x6 cm.
- 27 parts labeled in total.



#### ZX-3201 Hydra

- 4 piece model mounted on board.
- Significant anatomical features shown include ectoderm, mesoglea, coelenteron, male testis and female egg cells, buds, nematoblast cells, hypostome, cnidoblast etc.
- 28 parts are labeled in total.

## ANATOMY MODELS

### SPECIAL MODELS ON HUMAN ANATOMY

**HA101A HUMAN BODY TORSO** - Torso with head with detachable internal structure of Head and neck, Organs of Thorax and abdomen cavities of the viscera can be emptied, for study of blood vessels. Dissectable in 12 parts made of Fibre Glass painted in natural colours. Made of Fiber Glass. Magnetic. LifeSize

**HA101 HUMAN BODY** - Torso with head with detachable internal structure of Head and neck, Organs of Thorax and abdomen cavities of the viscera can be emptied, for study of blood vessels. Dissectable in 12 parts made of Fibre Glass painted in natural colours. Made of Fiber Glass. Life Size Non magnetic.

**HA102 Human Body** - Torso Small size

**HA103 HUMAN SKELETON** - Life size made of fibre glass. All the bones shoulder & hip joints clearly depictable

**HA103S Stand for above**

**HA104 HUMAN SKELETON** - Plastic size 70 cm with stand.

**HA105 HUMAN SKELETON** - Plastic size 40 cm with stand.

**HA106 Dummy with Doll** made of Fibre Glass

**HA106A Dummy Baby for Dummy with Doll**

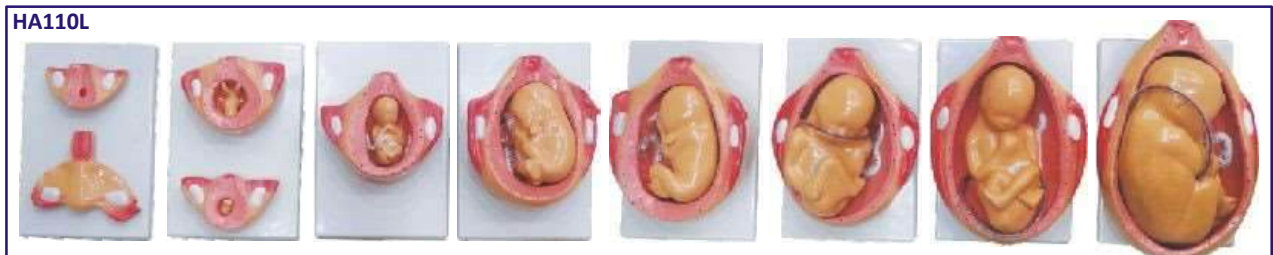
**HA107 Female Pelvis** with child

**HA108 Female Pelvis** with reproductive organs



**HA109 Delivery Process Models** set of 8

**HA110 Development of Fetus/Embryo** set of 9



**HA110L Development of Fetus/Embryo** set of 9 Large size

**HA111F Full Size Human Female Body** Fibre Glass

Showing organs & muscles

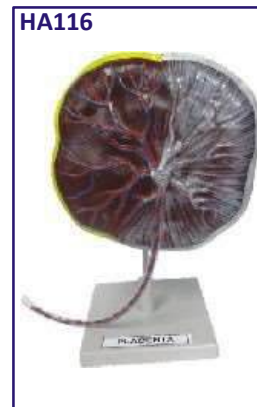
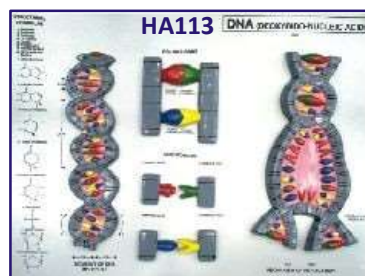
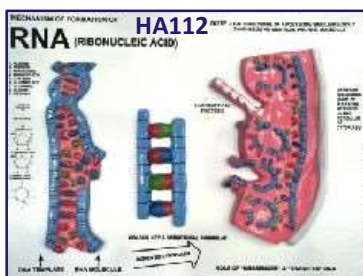
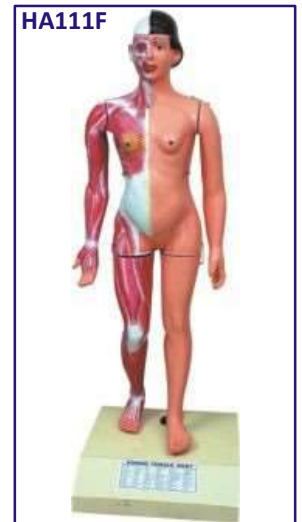
**HA111M Full Size Human Male Body** Fibre Glass

Showing organs & muscles

**HA112 RNA** 60 x 45 cm

**HA113 DNA** 60 x 45 cm

**HA116 Human Placenta Model** made of Fiber Glass



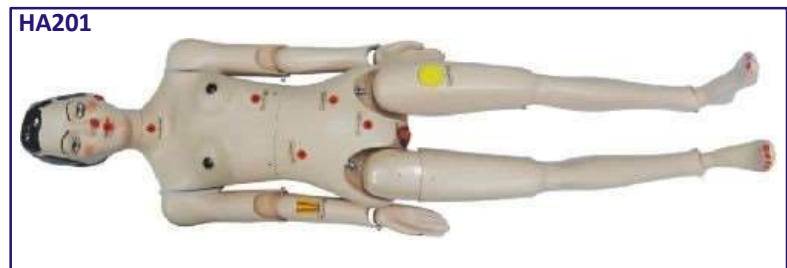
### SPECIAL MODELS ON HUMAN ANATOMY

#### Dissectable Models (Fibre Glass)

- HA126 Eye Ball
- HA127 Human Heart
- HA128 Human Ear
- HA129 Human Brain
- HA130 Human Kidney

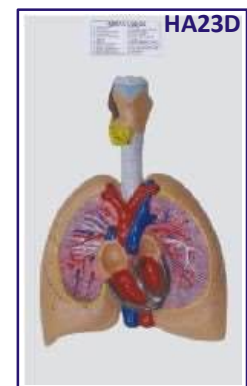
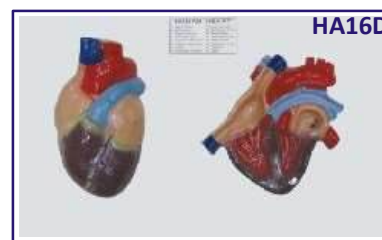
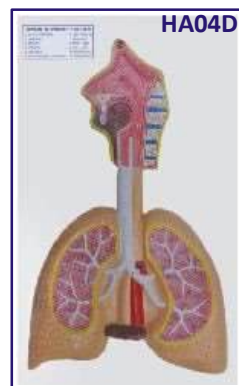
#### Fibre Glass Models (Wooden Base) size 81 × 31 cm

- HA151 Human Digestive System
- HA152 Human Blood Circulatory
- HA153 Human Nervous System
- HA154 Human Reproductive Male
- HA155 Human Reproductive Female
- HA156 Human Excretory System
- HA157 Human Respiratory System
- HA201 Nursing Manikin Female Made of Fibre Glass Life Size
- HA202 Nursing Manikin Male Made of Fibre Glass Life Size



### HUMAN ANATOMY 3-D MODELS

Deluxe Quality, Made of Fiber Glass, Mounted on Wooden Board  
Size 30 × 50 cm



- HA01D Teeth
- HA02D Circulatory System
- HA03D Digestive System
- HA04D Respiratory System
- HA05D Nervous System
- HA06D Skeleton
- HA07D Head & Neck
- HA08D Skin
- HA09D Mouth
- HA10D Tongue

- HA11D Spinal Cord
- HA12D Stomach
- HA13D Liver
- HA14D Kidney
- HA15D Brain
- HA16D Heart
- HA17D Eye
- HA18D Ear
- HA19D Male Pelvis
- HA20D Female Pelvis

- HA21D Reproductive Organs (Female)
- HA22D Reproductive Organs (Male)
- HA23D Lungs with Heart & Larynx
- HA24D Skull
- HA25D Excretory System
- HA26D Endocrine System Male
- HA27D Endocrine System Female
- HA28D Muscular System Front View
- HA29D Muscular System Back View
- HA30D Nose

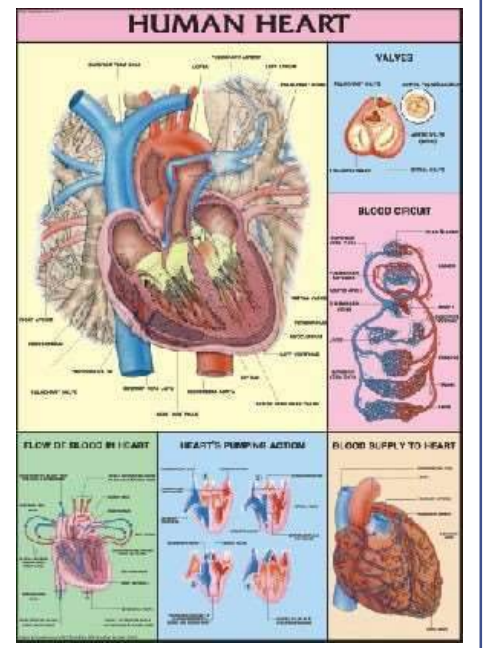
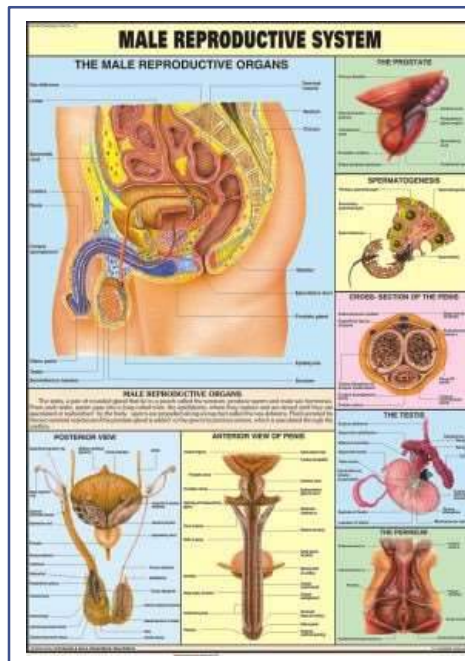
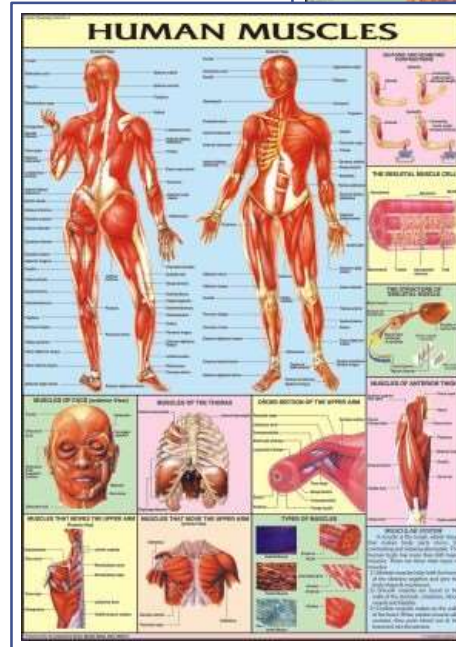
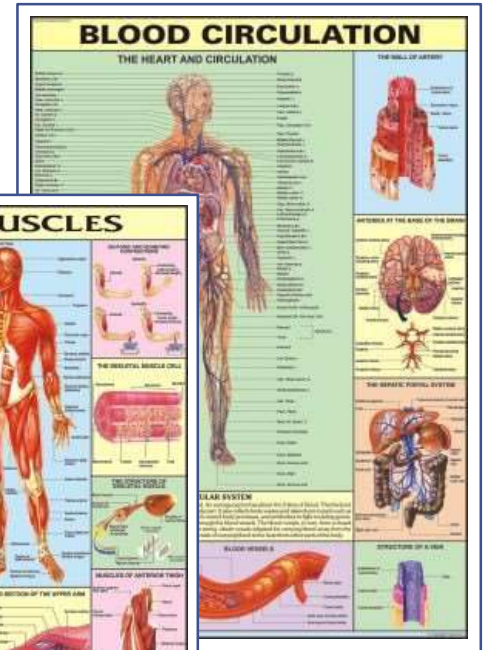
### DETAILED HUMAN PHYSIOLOGY CHARTS

Printed in original colours. Everything requisite for thorough understanding of Human Physiology in its broad out line included.  
Each Size 70 × 100 cm.

Rigid lamination on board with aluminium frame  
Printed on Synthetic paper and fitted with plastic rollers

(English Only)

- |                                 |       |
|---------------------------------|-------|
| The Skeleton                    | HP01S |
| Human Muscles                   | HP02S |
| Blood Circulation               | HP03S |
| Nervous System                  | HP04S |
| Digestive System                | HP05S |
| Human Eye                       | HP06S |
| Human Ear                       | HP07S |
| Kidney, Skin & Excretory Organs | HP08S |
| The Respiratory System          | HP09S |
| Human Heart                     | HP10S |
| Endocrine System                | HP11S |
| Male Reproductive System        | HP12S |
| Female Reproductive System      | HP13S |
| Human Embryology                | HP14S |
| Lymphatic System                | HP15S |



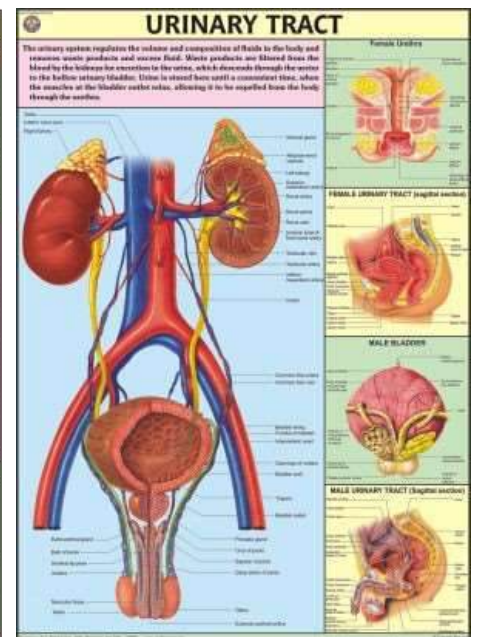
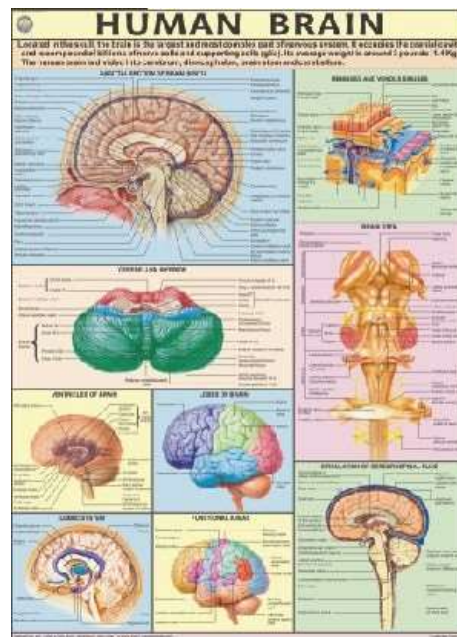
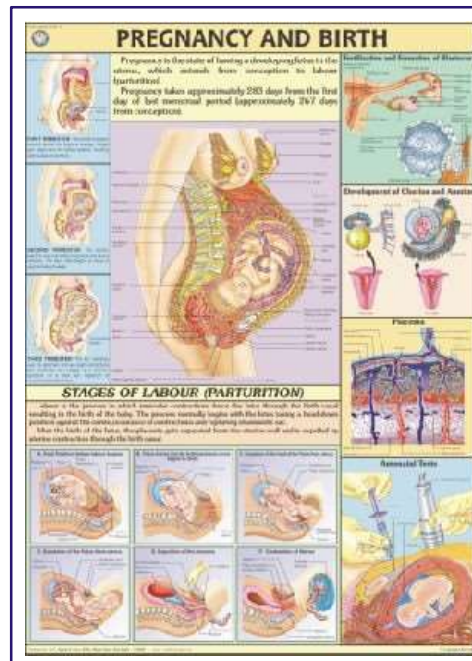
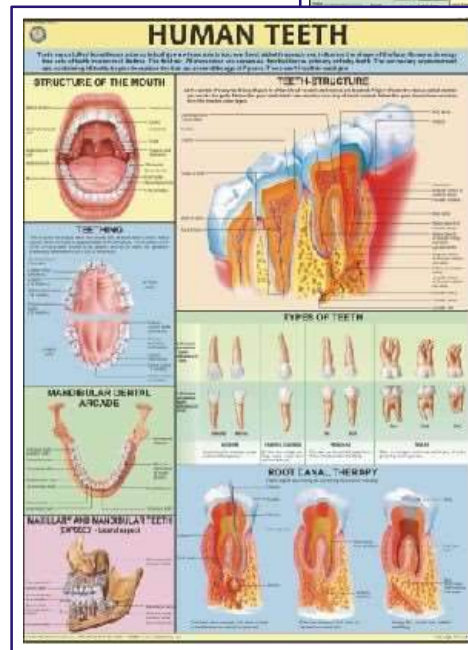
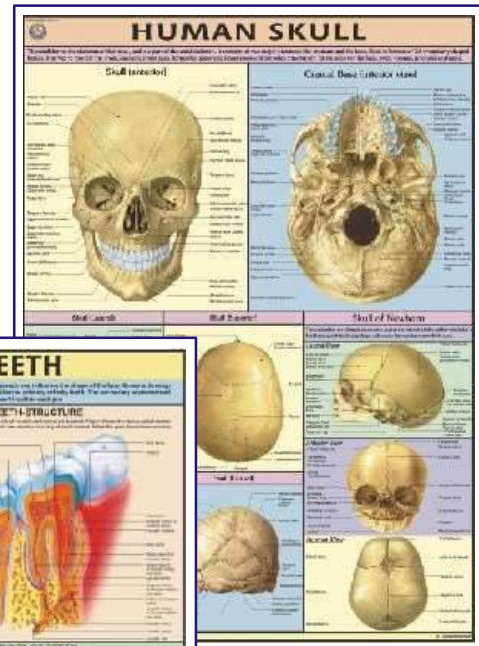
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(English Only)

- Human Brain **HP16S**
- Human Teeth **HP17S**
- Pregnancy & Birth **HP18S**
- Human Kidney **HP19S**
- Urinary Tract **HP20S**
- Human Skull **HP21S**
- Ear, Nose, Throat **HP22S**
- Liver, Gallbladder & Pancreas **HP23S**
- Human Lungs **HP24S**
- Joints of Human Body **HP25S**
- Immune System **HP26S**
- Human Skin **HP27S**
- Movable Joints **HP28S**
- Human Spinal Cord **HP29S**
- Menstrual Cycle **HP30S**
- Contraception **HP31S**
- Vertebral Column **HP32S**



### HEALTH, HYGIENE & SANITATION

On a persistent demand from various Educational Institutions, NGO's, Rural Development Offices, Nursing Institutions we have recently published naturally coloured, useful and authentic charts incorporating all the modern researches and innovations on the subject.

#### PREVENT THE DISEASES

containing 24 Charts

Hindi & English Combined

Each chart depicts the Causes, Symptoms, Treatments, care to be taken.

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

Each size 50 x 75 cm  
Rigid lamination on Board with Aluminium Frame  
Flexible Lamination with rollers  
English - Kannada \* Also Available In  
English - Tamil  
English - Malayalam  
Flexible Lamination with rollers  
English - Telugu



### HEALTH, HYGIENE & SANITATION

On a persistent demand from various Educational Institutions, NGO's, Rural Development Offices, Nursing Institutions we have recently published naturally coloured, useful and authentic charts incorporating all the modern researches and innovations on the subject.

#### HEALTH CARE SERIES

containing 10 Charts

English & Hindi combined

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

Each size 50 x 75 cm  
Rigid lamination on Board with  
Aluminium Frame  
Flexible Lamination with rollers

\* Also Available In

English - Kannada

English - Malayalam

English - Tamil

English - Telugu

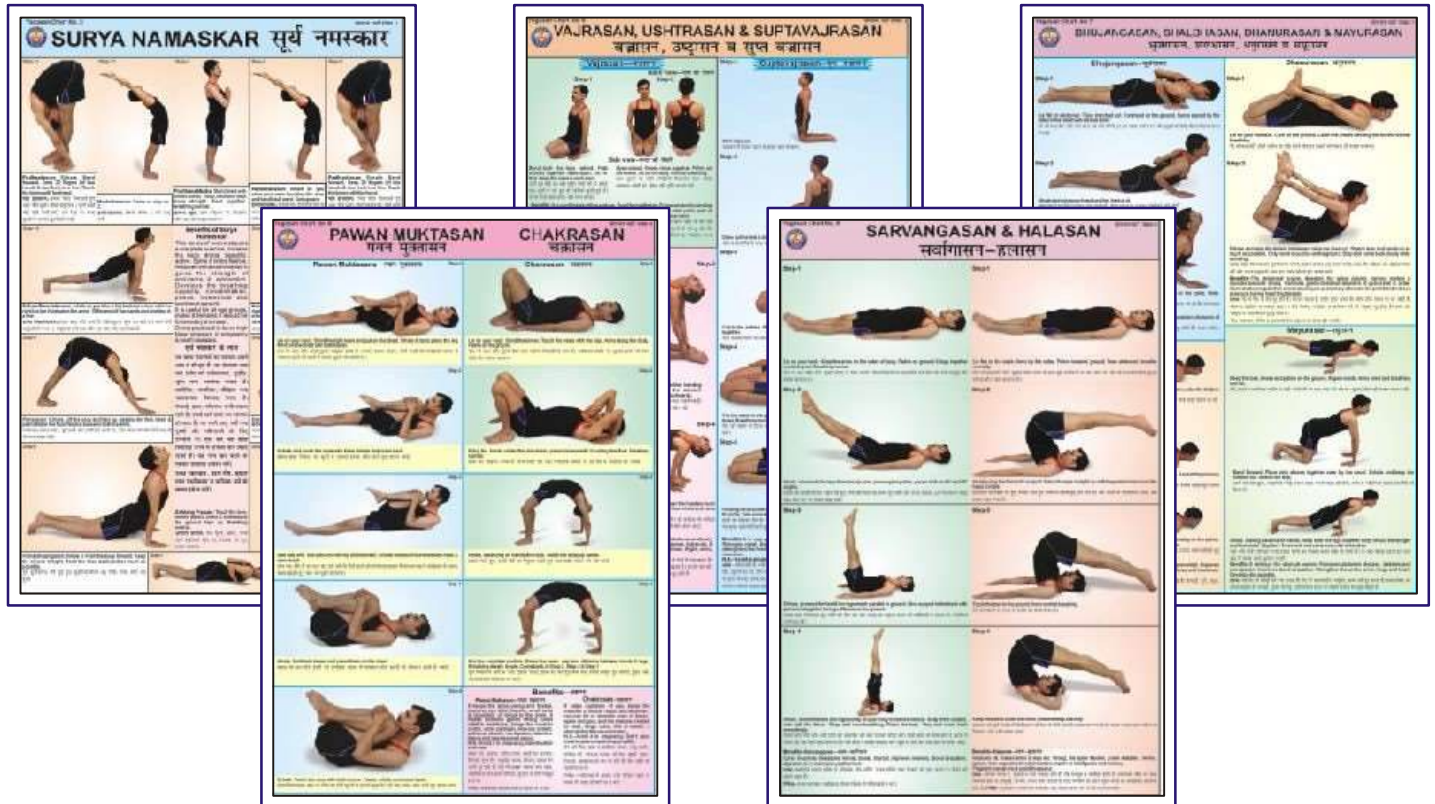
Flexible Lamination with rollers



Striking colourful images that capture and hold attention.

## YOGASAN CHARTS

Each Chart Size 50 x 75 cm. Hindi & English combined  
Rigid lamination on Board with Aluminium Frame  
Flexible Lamination with rollers



A faithful study and following the instructions as laid down in these charts, a vast treasure of **super powers** can be explored and developed within ourselves. For all round Physical, Mental, Emotional, Intellectual & Spiritual development of mind and body.

- YO01 Shuddhi Kriyas-Shat Karmas:** Kunjal-Vaman Dhauti, Kapal Bhati, Ghrit Neti, Sutra Neti, Jal Neti, Vastra Neti, Dand Dhauti, Nauli Karma, Tratak, Basti etc.
- YO02 Shankh Prakshalan:** Kagasan, Tadasan, Triyak Tadasan, Triyak Bhujangasan, Kati Chakrasan, Udarakarashanasan, Shavasan.
- YO03 Surya Namaskar:** A series of twelve steps, a complete exercise of all the parts of body. It makes the body strong, beautiful & active.
- YO04 Yog Mudras, Padmasan & Matsyasan:** These remove Spinal & Cervical pain, Asthma, Diabetes, Mental weakness, Constipation, Gastric troubles, Knee pain, Eye Defects.
- YO05 Paschimottanasan & Ardh Matsyendrasan:** Spine becomes Flexible and Elastic, the Abdominal organs-the Digestive system, Nervous system are toned up.
- YO06 Vajrasan, Ustrasan & Supt Vajrasan:** These remove cervical and slipdisc defects diseases of chest, lungs, heart, abdomen, kidney etc., excess fatness of Abdomen and back
- YO07 Bhujangasan, Shalabhasan, Dhanurasan & Mayurasan:** Abdominal Organs are toned up. Spine is strengthened. Remove Gastic Intestinal disorders etc. Mental Powers are developed.
- YO08 Pawan Mukhtasan & Chakrasan:** Keep Spine Young & Flexible. Improve Eye sight, Hearing, Smell Taste & Circulation of Blood to the brain.
- YO09 Sarvangasan & Halasan:** Reduce fat, make arms, legs, Blood circulation, Digestive system, Liver strong and maintains youthful look etc.
- YO10 Bandhas & Pranayams:** Mool Bandh, Jalandhar Bandh, Uddiyan Bandh, Mahabandh. Pranayam Mudra, Lom-vilom Pranayam, Nadishodhan Pranayam, Agnisar Kriya.
- YO11 Spine & Related Organs:** Composition of spine, Positions of Psychic centres and Endocrine Glands are shown.
- YO12 Healthy Eye:** Eye washing, tratak on rising sun, Eye exercises, Palming.

## CHARTS ON AIDS

Each Chart Size 70 x 100 cm.

Rigid lamination on board with aluminium frame

Printed on Synthetic paper and fitted with plastic rollers



- 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.

## LAB DISPLAY CHARTS



### LABORATORY SAFETY

Showing basic safety measures to be followed while working in a chemistry laboratory. Printed on Polyart Synthetic Paper. Size 70 x 100 cm.  
**Code CL01S**

### LABORATORY TECHNIQUES

Showing various procedures and techniques generally used in a chemistry laboratory. Printed on Polyart Synthetic Paper. Size 70 x 100 cm.  
**Code CL02S**

### pH COLOUR CHART

Reference colours indicated by universal indicator with different acidic or basic substances to show their approximate pH values. Printed on Polyart Synthetic Paper. Size 70 x 100 cm.  
**Code CL03S**

### LABORATORY FIRST AID

Showing various first aid techniques and procedures used during an accident in a Laboratory. Printed on Polyart Synthetic Paper. Size 70 x 100 cm.  
**Code CL04S**

### FIRST AID CHARTS



Each Chart size 50 X 75 cm  
English or English & Hindi combined

Rigid lamination on Board with Aluminium Frame  
Flexible Lamination with rollers

- 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.

*All the above Charts are available in English & Hindi combined also.*

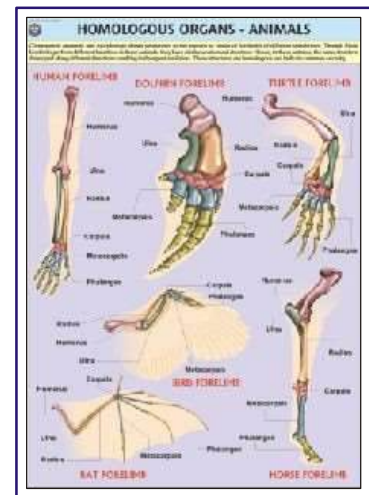
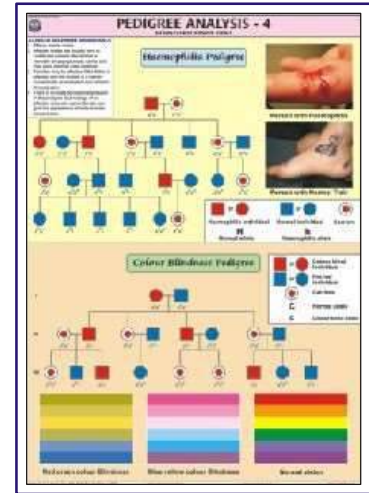
## GENETICS AND EVOLUTION CHARTS

Each Chart Size 70 x 100 cm

Rigid lamination on board with aluminium frame

Printed on Synthetic paper and fitted with plastic rollers

- GE01S Pedigree Analysis-1** : showing standard symbols used in Pedigree Analysis and Sample Pedigree.
- GE02S Pedigree Analysis-2** : showing Autosomal Dominant Trait Pedigree such as Myotonic Dystrophy and Tongue Curler Pedigree.
- GE03S Pedigree Analysis-3** : showing Autosomal Recessive Trait Pedigree such as Inheritance of Attached Ear Lobe and Inheritance of Sickle Cell Anaemia.
- GE04S Pedigree Analysis-4** : showing X-linked Recessive Trait Pedigree such as Haemophilia and Colour Blindness Pedigree.
- GE05S Pedigree Analysis-5** : showing X-linked Dominant Trait Pedigree such as Hypophosphatemia and Droopy Eyelids Pedigree.
- GE06S Pedigree Analysis-6** : showing Y-linked Trait - Hairy Ear and Mitochondrial Inheritance Pedigree.
- GE07S Homologous Organs - Animals**: showing Forelimbs of Bat, Turtle, Horse, Human, Bird and Dolphin demonstrating Homology.
- GE08S Analogous Organs - Animals**: showing Wings of Bird, Butterfly, Pterosaur and Bat demonstrating Analogy.
- GE09S Homologous Organs - Plants**: showing thorn of Bougainvillea, tendrils of Cucurbita, fleshy cylindrical stem of Euphorbia, fleshy flattened stem of Opuntia, leafy shoots of Chrysanthemum and pineapple representing Plant Homology.
- GE10S Analogous Organs - Plants**: showing thorn of Pyracantha, spine of Berberis vulgaris, prickles of Prosopis grandulosa and stipular spines of Black Locust representing Plant Analogy.
- GE11S Hybridisation-1 (Monohybrid Cross)** : Cross between Purple coloured and White coloured flower Pea Plant demonstrating inheritance of one dominant character and expression of recessive parental trait without blending in F2 generation.
- GE12S Hybridisation-2 (Dihybrid Cross)** : Cross between Pea Plants differing in two traits (pod colour & plant height) showing segregation of one pair of character is independent of the other pair of characters.
- GE13S Hybridisation-3 (Incomplete Dominance)** : Cross between true breeding Red and White Snapdragon flower plants showing one character is not completely dominant over other.



## DISASTER MANAGEMENT CHARTS

Size 70 x 100 cm. English & Hindi combined. Laminated

- DMS01** What is a Disaster
- DMS02** Disaster Management Cycle-1 ★ NEW
- DMS03** Disaster Management Cycle-2 ★ NEW
- DMS04** Earthquake
- DMS05** Tsunami
- DMS06** Flood
- DMS07** Cyclone
- DMS08** Forest Fire
- DMS09** Landslide ★ NEW
- DMS10** Nuclear Disaster ★ NEW
- DMS11** Chemical Disaster ★ NEW
- DMS12** Biological Disaster ★ NEW



### CHARTS ON FOOD AND NUTRITION

Size 70 x 100 cm. English & Hindi combined.  
Printed on offset paper, in full colour, using latest technology

Rigid lamination on Board with Aluminium Frame  
Flexible Lamination with rollers

- 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 explanative 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 arised 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 OVERNUTRITION 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.



### ENVIRONMENTAL SCIENCE



Size 50 x 75 cm. English. Laminated

ES01 Garbage Management

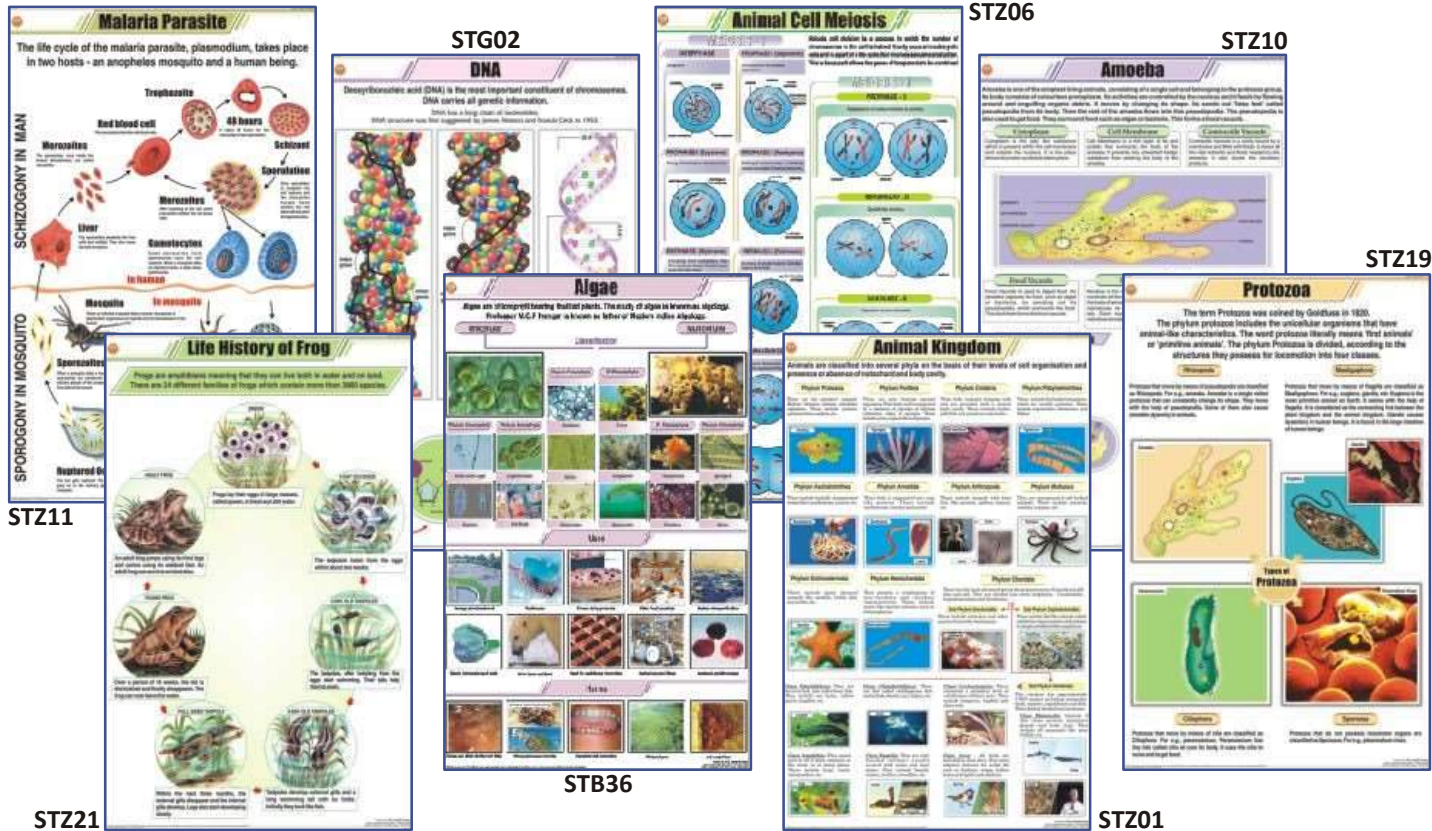
**Coming Soon...**  
Greenhouse effect  
Global warming  
Sewage treatment



## SCIENCE AND TECHNOLOGY CHARTS

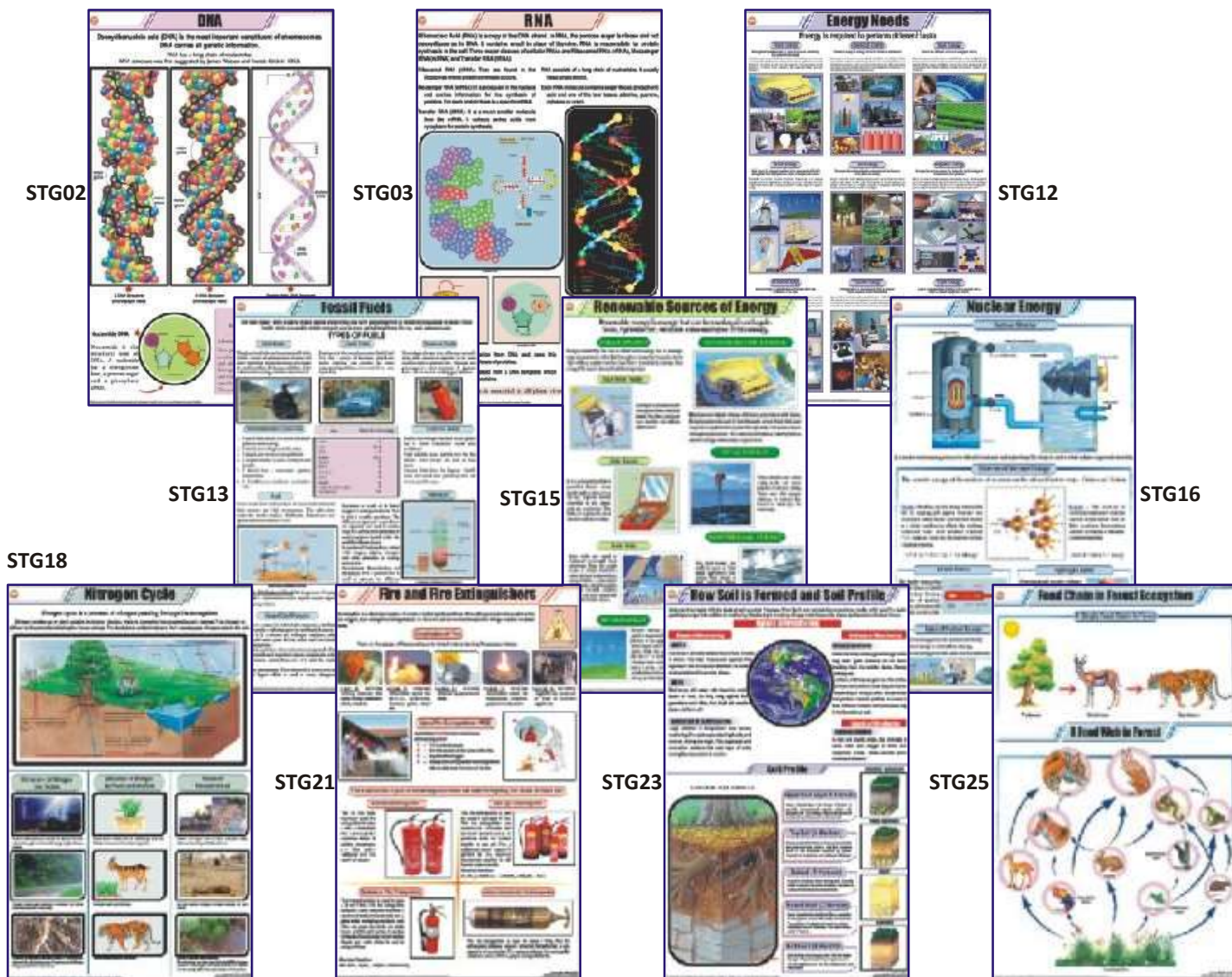
Size 58 × 90 cm (in English only) Laminated

The charts aim at familiarising students with the subject in a very realistic way and in social context. These delineate the process of life and of the technology that conditions our world today. The students will come to know the intricacies of the phenomenon and how it can be best used for the benefit of mankind. Using the latest printing technology the charts are printed on art paper in full colours and are duly laminated on both sides with thick plastic film and are fitted with plastic rollers.



- |   |  |                                       |
|---|--|---------------------------------------|
| <b>STB01</b> Plant Kingdom                      | <b>STB27</b> Double Fertilization              | <b>STZ03</b> Animal Cell Organelles   |
| <b>STB02</b> Typical Plant                      | <b>STB28</b> Artificial Vegetative Propagation | <b>STZ04</b> Animal Tissues           |
| <b>STB03</b> Typical Plant Cell                 | <b>STB29</b> Stem Modifications                | <b>STZ05</b> Animal Cell Mitosis      |
| <b>STB04</b> Plant Cell Organelles              | <b>STB30</b> Root Modifications                | <b>STZ06</b> Animal Cell Meiosis      |
| <b>STB05</b> Plant Tissues                      | <b>STB31</b> Hydrophytes                       | <b>STZ07</b> Gametogenesis in Animals |
| <b>STB06</b> Plant Cell Mitosis                 | <b>STB32</b> Mesophytes                        | <b>STZ08</b> Fertilization in Animals |
| <b>STB07</b> Plant Cell Meiosis                 | <b>STB33</b> Xerophytes                        | <b>STZ09</b> Protozoa                 |
| <b>STB08</b> T. S. Stem - Monocot               | <b>STB34</b> Insectivorous Plants              | <b>STZ10</b> Amoeba                   |
| <b>STB09</b> T. S. Dicot Stem (Sunflower)       | <b>STB35</b> Fungi                             | <b>STZ11</b> Malaria Parasite         |
| <b>STB10</b> T. S. Root - Monocot               | <b>STB36</b> Algae                             | <b>STZ12</b> Paramecium               |
| <b>STB11</b> T. S. of Dicot Root                | <b>STB37</b> Viruses                           | <b>STZ13</b> Hydra                    |
| <b>STB12</b> T. S. Leaf - Monocot               | <b>STB38</b> Bacteria                          | <b>STZ14</b> Liver Fluke              |
| <b>STB13</b> T. S. Leaf - Dicot                 | <b>STB39</b> Life Cycle of Fern                | <b>STZ15</b> Tapeworm                 |
| <b>STB14</b> Types of Leaves                    | <b>STB40</b> Life Cycle of Moss                | <b>STZ16</b> Roundworm (Ascaris)      |
| <b>STB15</b> Root Systems                       | <b>STB41</b> Spirogyra                         | <b>STZ17</b> Hookworm                 |
| <b>STB16</b> Structure of Flower                | <b>STB42</b> Life Cycle of Mushroom            | <b>STZ18</b> Life History of Mosquito |
| <b>STB17</b> Calyx and Corolla                  | <b>STB43</b> Leaf Modification                 | <b>STZ19</b> Life Cycle of Butterfly  |
| <b>STB18</b> Inflorescences                     | <b>STB44</b> Parasitic Plants                  | <b>STZ20</b> Life History of Housefly |
| <b>STB19</b> Fruits                             | <b>STB45</b> Mucor : Structure & Reproduction  | <b>STZ21</b> Life History of Frog     |
| <b>STB20</b> The Seed : Structure & Germination | <b>STB46</b> Regions of Root                   | <b>STZ22</b> Human Blood              |
| <b>STB21</b> Germination of Seed : Bean & Pea   | <b>STB47</b> Vascular Bundle                   | <b>STZ23</b> Body's Defense           |
| <b>STB22</b> Dispersal of Fruits & Seeds        | <b>STB48</b> Secondary Growth                  | <b>STZ24</b> Harmful Insects          |
| <b>STB23</b> Photosynthesis                     | <b>STZ01</b> Animal Kingdom                    | <b>STZ25</b> Beneficial Insects       |
| <b>STB24</b> Plant Diseases                     | <b>STZ02</b> Animal Cell                       | <b>STZ26</b> Food Habits of Birds     |
| <b>STB25</b> Reproduction in Plants             |  | <b>STZ27</b> Fish Anatomy             |
| <b>STB26</b> Pollination                        |  | <b>STZ28</b> Birth of a Bird's Chick  |

If you are not willing to learn, no one can help you.



- STZ29** Earthworm I :  
Ext. Morphology & Reproduction
- STZ30** Earthworm II : Blood Circulation,  
Respiratory & Nervous System
- STZ31** Earthworm III :  
Digestion, Skin & Excretion
- STZ32** Cockroach I :  
Morphology & Reproduction
- STZ33** Cockroach II : Blood Circulation,  
Respiratory & Nervous System
- STZ34** Cockroach III : Digestion,  
Excretory, Skin & Muscles
- STZ35** Vertebrate Classes
- STZ36** Sense Organs
- STZ37** General Dissection of Rabbit
- STZ38** Neuron
- STZ39** Early Development of the Frog
- STZ40** Frog's Morphology & Internal Structure
- STZ41** Frog's Urogenital System
- STZ42** Frog's Circulatory System
- STZ43** Frog's Nervous System
- STZ44** Frog's Muscular System
- STZ45** Life Cycle of Cockroach
- STZ46** Skeleton of a Bird (Pigeon)
- STZ47** Skeleton of Rabbit

- STG01** The Cell Theory
- STG02** DNA
- STG03** RNA
- STG04** Levels of Organization
- STG05** Origin of Life
- STG06** Cellular Respiration
- STG07** Animal Husbandry
- STG08** Economic Plants
- STG09** Basic Agricultural Practices
- STG10** Medicinal Plants - I
- STG11** Medicinal Plants - II
- STG12** Energy Needs
- STG13** Fossil Fuels
- STG14** Petroleum & Natural Gas
- STG15** Renewable Sources of Energy
- STG16** Nuclear Energy
- STG17** Bio-Gas
- STG18** Nitrogen Cycle
- STG19** Oxygen Cycle
- STG20** Carbon Cycle

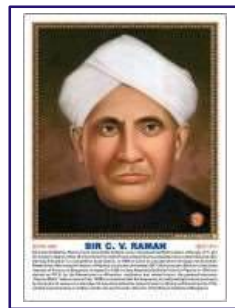
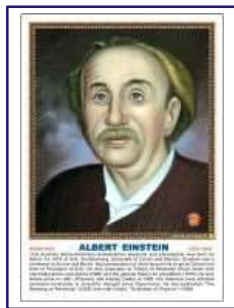
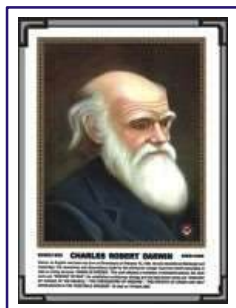
- STG21** Fire & Fire Extinguishers
- STG22** Soil- A natural Resource
- STG23** How Soil is formed & Soil Profile
- STG24** Types of Soils in India
- STG25** Food Chain in Forest Ecosystem
- STG26** Solar Cooker
- STG27** Water Harvesting
- STG28** Purification of Water
- STG29** Poultry
- STG30** Sericulture (L. H. Silkworm)
- STG31** Apiculture (L. H. Honeybee)
- STG32** Food Pyramid
- STG33** Microorganisms
- STG34** Mutation
- STG35** Enzymes
- STG36** DNA Replication
- STG37** Osmosis
- STG38** Evidence of the Evolution of Life
- STG39** Food Chain in Pond Ecosystem
- STG40** Food Chain in Desert Ecosystem

## PHOTOS OF GREAT PERSONALITIES

MATT CANVAS LAMINATED ON NUWOOD BOARD

### GREAT SCIENTISTS

Size 31 × 43 cms Approx (GS01P - GS140P)  
Size 45 × 60 cms Approx (GS01PS - GS140PS)



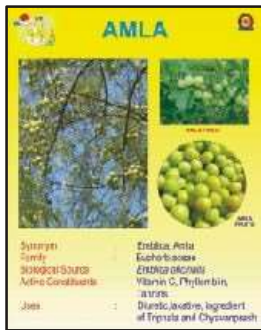
- |             |                               |             |                                |              |                                    |
|-------------|-------------------------------|-------------|--------------------------------|--------------|------------------------------------|
| <b>GS01</b> | Charles Robert Darwin (B)     | <b>GS48</b> | J. J. Thomson (P)              | <b>GS95</b>  | Frederick William Herschel (A)     |
| <b>GS02</b> | Gregor Mendel (B)             | <b>GS49</b> | Neils Bohr (P)                 | <b>GS96</b>  | J. J. Berzelius (C)                |
| <b>GS03</b> | Lamarck (B)                   | <b>GS50</b> | Gilbert Newton Lewis (C)       | <b>GS97</b>  | James Chadwich (P)                 |
| <b>GS04</b> | Louis Pasteur (B)             | <b>GS51</b> | A. P. J. Abdul Kalam (P)       | <b>GS98</b>  | Dr. Vijay P. Bhatkar (P)           |
| <b>GS05</b> | Dr. William Harvey (B)        | <b>GS52</b> | Dr. Vikram Sarabhai (P)        | <b>GS99</b>  | C. N. R. Rao (C)                   |
| <b>GS06</b> | Leonardo-da-Vinci (B)         | <b>GS53</b> | Aryabhata (P,A & M)            | <b>GS100</b> | George Boole (M)                   |
| <b>GS07</b> | Sir Joseph Lister (B)         | <b>GS54</b> | Dr. S. S. Joshi (C)            | <b>GS101</b> | Albert Abraham Michelson (P)       |
| <b>GS08</b> | Anton Van leeuwenhoek (B)     | <b>GS55</b> | Sir Alexander Flaming (B)      | <b>GS102</b> | Stephen Hawking (P & A)            |
| <b>GS09</b> | Carl Von Linnaeous (B)        | <b>GS56</b> | D. Mata Parshad (C)            | <b>GS103</b> | Amedeo Avogadro (P)                |
| <b>GS10</b> | Edward Jenner (B)             | <b>GS57</b> | Benjamin Franklin (P)          | <b>GS104</b> | Johannes Gutenberg (P)             |
| <b>GS11</b> | Sir James Young Simpson (B)   | <b>GS58</b> | Ernest Rutherford (P & C)      | <b>GS105</b> | Pierre Curie (P,C)                 |
| <b>GS12</b> | Thomas Henry Huxley (B)       | <b>GS59</b> | Dr. Raj Ramanna (P)            | <b>GS106</b> | Hans Christian Oersted (P & C)     |
| <b>GS13</b> | Sir Edwin Ray Lankester (B)   | <b>GS60</b> | Nicholas Copernicus (A & P)    | <b>GS107</b> | Henry Moseley (P)                  |
| <b>GS14</b> | Sir Ronald Ross (B)           | <b>GS61</b> | Alessandro Volta (P)           | <b>GS108</b> | John Alexander Reina Newlands (C)  |
| <b>GS15</b> | Hugo De-vries (B)             | <b>GS62</b> | Alfred Nobel (C)               | <b>GS109</b> | Camillo Golgi (B)                  |
| <b>GS16</b> | Sir Charles Bell (B)          | <b>GS63</b> | Anton Henry Bekuerel (P)       | <b>GS110</b> | Zacharias Janssen (P)              |
| <b>GS17</b> | Alfred Russel Wallace (B)     | <b>GS64</b> | Atovan Gerok (P)               | <b>GS111</b> | Georg Simon Ohm (P)                |
| <b>GS18</b> | Sir J. C. Bose (B)            | <b>GS65</b> | Benjamin Thomson (P)           | <b>GS112</b> | Johann Wolfgang Dobreiner (C)      |
| <b>GS19</b> | Dr. Birbal Sahni (B)          | <b>GS66</b> | Crick (B)                      | <b>GS113</b> | Thomas Hunt Morgan (B)             |
| <b>GS20</b> | Sunder Lal Hora (B)           | <b>GS67</b> | Watson (B)                     | <b>GS114</b> | Christian Doppler (P & M)          |
| <b>GS21</b> | Galileo Galilee (P)           | <b>GS68</b> | Edward Victor Aplaton (P)      | <b>GS115</b> | Girolamo Cardano (P & M)           |
| <b>GS22</b> | Sir Isaac Newton (P)          | <b>GS69</b> | James Clark Maxwel (P)         | <b>GS116</b> | Robert Hanbury Brown (P)           |
| <b>GS23</b> | Sir C. V. Raman (P)           | <b>GS70</b> | Jessek Luious Gelusale (P & C) | <b>GS117</b> | Yellapragada Subbarow (B & C)      |
| <b>GS24</b> | Dr. H. J. Bhabha (P)          | <b>GS71</b> | Johns Kepeler (A & P)          | <b>GS118</b> | Prof. Yash Pal (P)                 |
| <b>GS25</b> | Archimedes (P)                | <b>GS72</b> | Kalpana Chawla (A & P)         | <b>GS119</b> | Josef Stefan (P & M)               |
| <b>GS26</b> | Albert Einstein (P)           | <b>GS73</b> | Max Planck (P)                 | <b>GS120</b> | Melvin Calvin (C)                  |
| <b>GS27</b> | Thomas Alva Edison (P)        | <b>GS74</b> | Panchanan Maheshwari (B)       | <b>GS121</b> | Venkatraman Ramakrishnan (C)       |
| <b>GS28</b> | Robert Boyle (P & C)          | <b>GS75</b> | Varah Mihir (A, P & M)         | <b>GS122</b> | William Roxburgh (B)               |
| <b>GS29</b> | Marie Curie (P & C)           | <b>GS76</b> | Sunita Williams (P)            | <b>GS123</b> | Erwin Schrodinger (P)              |
| <b>GS30</b> | Michael Faraday (C)           | <b>GS77</b> | James Watt (P)                 | <b>GS124</b> | Nikola Tesla (P)                   |
| <b>GS31</b> | John Dalton (C)               | <b>GS78</b> | Andre Marie Ampere (P & M)     | <b>GS125</b> | John Vincent Atanasoff (P)         |
| <b>GS32</b> | Dr. P. C. Ray (C)             | <b>GS79</b> | A. Graham Bell (P)             | <b>GS126</b> | Heinrich Hertz (P)                 |
| <b>GS33</b> | Dr. H. G. Khorana (B & C)     | <b>GS80</b> | Edwin Powell Hubble (A & P)    | <b>GS127</b> | Charles Francis Jenkins (P)        |
| <b>GS34</b> | Dr. S. S. Bhatnagar (C)       | <b>GS81</b> | Rakesh Sharma (A)              | <b>GS128</b> | Jacobus Henricus Van'thoff (P & C) |
| <b>GS35</b> | S. Ramanujan (P & M)          | <b>GS82</b> | M. S. Swaminathan (B)          | <b>GS129</b> | Linus Carl Pauling (B & C)         |
| <b>GS36</b> | Antoine Laurent Lavoisier (C) | <b>GS83</b> | Robert Hooke (P, B & A)        | <b>GS130</b> | Friedrich Wilhelm Osteald (C)      |
| <b>GS37</b> | William Ramsay (C)            | <b>GS84</b> | S. R. Ranganathan (M & Lib.)   | <b>GS131</b> | Svante August Arrhenius (C)        |
| <b>GS38</b> | Humphry Davy (C)              | <b>GS85</b> | J. B. S. Haldane (B)           | <b>GS132</b> | Prof. S. R. Kashyap (B)            |
| <b>GS39</b> | August Weismann (B)           | <b>GS86</b> | Guglielmo Marconi (P)          | <b>GS133</b> | Frederick Sanger (C)               |
| <b>GS40</b> | Joseph Priestley (C)          | <b>GS87</b> | Wilbur Wright (P)              | <b>GS134</b> | Kary Banks Mullis (C)              |
| <b>GS41</b> | Aristotle (B)                 | <b>GS88</b> | Orville Wright (P)             | <b>GS135</b> | Michael Smith (C)                  |
| <b>GS42</b> | Dmitri I. Mendeleef (C)       | <b>GS89</b> | Neil Armstrong (P & A)         | <b>GS136</b> | G. N. Ramachandran (P)             |
| <b>GS43</b> | Burbank Luther (B)            | <b>GS90</b> | Wihelm Roentgen (P)            | <b>GS137</b> | Alfonso Corti (B)                  |
| <b>GS44</b> | S. N. Bose (P)                | <b>GS91</b> | S. Chandrasekhar (P & A)       | <b>GS138</b> | Ernst Mayr (B)                     |
| <b>GS45</b> | M. N. Saha (P)                | <b>GS92</b> | Lord Kelvin (P & M)            | <b>GS139</b> | Paul Ethralich (B)                 |
| <b>GS46</b> | K. S. Krishnan (P)            | <b>GS93</b> | Charles Babbage (P & M)        | <b>GS140</b> | Thomas Young (P)                   |
| <b>GS47</b> | K. N. Bahl (B)                | <b>GS94</b> | Friedrich Wohler (C)           |              |                                    |

(A) Astronomer, (B) Biologist, (C) Chemist, (M) Mathematician, (P) Physicist

### PHARMACY TEACHING PHOTOS

Sizes 31 cm x 43 cm

- |                                 |                             |                          |                              |
|---------------------------------|-----------------------------|--------------------------|------------------------------|
| <b>PH01P</b> Ajowan             | <b>PH14P</b> Chaulmoogra    | <b>PH27P</b> Ispaghula   | <b>PH40P</b> Senna Leaves    |
| <b>PH02P</b> Amla               | <b>PH15P</b> Cinnamon       | <b>PH28P</b> Jatamansi   | <b>PH41P</b> Shankpushpi     |
| <b>PH03P</b> Arachis Oil        | <b>PH16P</b> Clove Bud      | <b>PH29P</b> Linseed Oil | <b>PH42P</b> Shark Liver Oil |
| <b>PH04P</b> Arjuna             | <b>PH17P</b> Cocoa          | <b>PH30P</b> Momordica   | <b>PH43P</b> Strophanthus    |
| <b>PH05P</b> Ashwagandha        | <b>PH18P</b> Cotton         | <b>PH31P</b> Neem Oil    | <b>PH44P</b> Tamarinds       |
| <b>PH06P</b> Bael               | <b>PH19P</b> Cummin         | <b>PH32P</b> Nutmeg      | <b>PH45P</b> Tulsi           |
| <b>PH07P</b> Bahera             | <b>PH20P</b> Digitalis      | <b>PH33P</b> Nux Vomica  | <b>PH46P</b> Turmeric        |
| <b>PH08P</b> Bitter Orange Peel | <b>PH21P</b> Eucalyptus Oil | <b>PH34P</b> Opium       | <b>PH47P</b> Valerian        |
| <b>PH09P</b> Black Catechu      | <b>PH22P</b> Garlic         | <b>PH35P</b> Papain      | <b>PH48P</b> Vasaka          |
| <b>PH10P</b> Black Peeper       | <b>PH23P</b> Ginger         | <b>PH36P</b> Peppermint  | <b>PH49P</b> Vidang          |
| <b>PH11P</b> Brahmi             | <b>PH24P</b> Ginseng Roots  | <b>PH37P</b> Punarnava   | <b>PH50P</b> Vinca           |
| <b>PH12P</b> Cannabis           | <b>PH25P</b> Gymnema        | <b>PH38P</b> Pyrethrum   |                              |
| <b>PH13P</b> Celery             | <b>PH26P</b> Indian Gum     | <b>PH39P</b> Rhubarb     |                              |

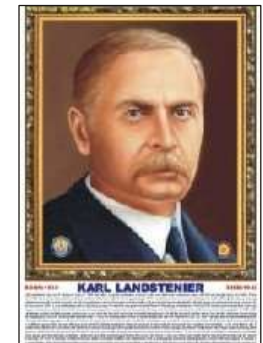
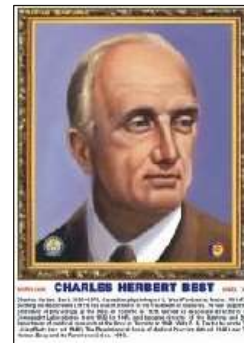
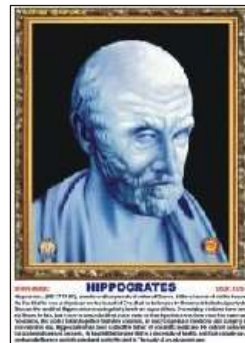
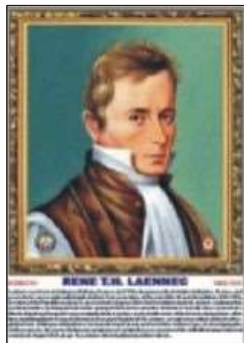


### MILESTONES IN MEDICAL SCIENCES

Size 31 cm x 43 cm (Code MM01P to MM34P)

Size 45 cm x 60 cm (Code MM01PS to MM34PS)

- |                                    |                                   |                                  |
|------------------------------------|-----------------------------------|----------------------------------|
| <b>MM01</b> Hippocrates            | <b>MM13</b> Ronald Ross           | <b>MM25</b> Sir Charles Bell     |
| <b>MM02</b> William Harvey         | <b>MM14</b> Edward Jenner         | <b>MM26</b> Gregor Mendel        |
| <b>MM03</b> Hermann Helmholtz      | <b>MM15</b> Sir Joseph Lister     | <b>MM27</b> Hugo De-vries        |
| <b>MM04</b> Charles Herbert Best   | <b>MM16</b> Morgagni              | <b>MM28</b> Maharishi Charak     |
| <b>MM05</b> Fredrick Grant Banting | <b>MM17</b> Sir J. Young Simpson  | <b>MM29</b> Dhanvantari          |
| <b>MM06</b> Louis Pasteur          | <b>MM18</b> Galen                 | <b>MM30</b> Ashwini Kumars       |
| <b>MM07</b> Karl Landstener        | <b>MM19</b> Charles Sherrington   | <b>MM31</b> Florence Nightingale |
| <b>MM08</b> Robert Koch            | <b>MM20</b> Samuel Hahnemann      | <b>MM32</b> Mother Teresa        |
| <b>MM09</b> Stephen Hales          | <b>MM21</b> Leonardo-da-vinci     | <b>MM33</b> Oath of Pharmacist   |
| <b>MM10</b> Rene T. H. Laennec     | <b>MM22</b> Thomos Henry Huxley   | <b>MM34</b> Oath of Nursing      |
| <b>MM11</b> Aristotle              | <b>MM23</b> Anton Van Leeuwenhoek | (Nightingale Pledge)             |
| <b>MM12</b> Susruta                | <b>MM24</b> Alferd Russel Wallace |                                  |



# YSP - SCIENTIFIC SOLOUTIONS

## HUMAN SKELETON DISARTICULATED

### SPECIAL FEATURES

Product Code:  
**ZX-S130**

(Advantages over the other models available)

- **Intervertebral Disc** set provided.
- **Hyoid Bone** provided.
- Improved sacral bone showing **Sacral Canal**.
- Separate **Coccyx**.
- Highly **Accurate Bone** structure.
- **Foramens of Skull** shown very clearly.
- Well labelled **Skeleton chart** provided.

### SKULL



### RIB CAGE



### INTERVERTEBRAL DISCS



### SACRUM



Coccyx

