



# NURSING & MEDICAL

CATALOGUE 2017-18

## MODELS ON

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



## CHARTS ON



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




Skill Development is Necessary for a Better World.

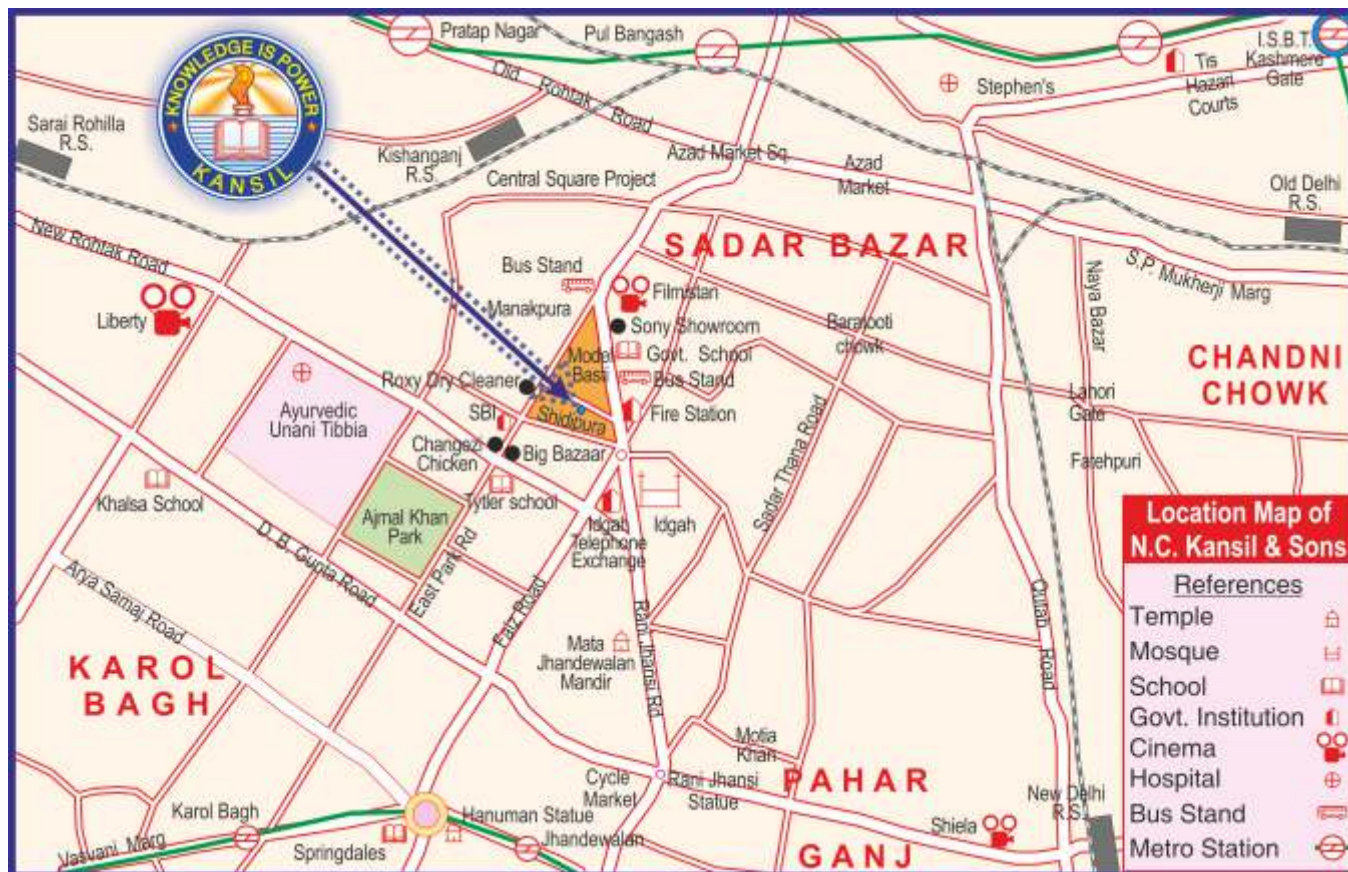
Dear Patron,

We present our new catalogue for 2017-18 with great pleasure and confidence. Our products and variety is far superior and effective than those of others.

This year we have added many models in our **Zx** range of models. Please note we are owners of **Zx** range of models &  is our Trademark. Many new manikins and simulator have been introduced this year. Kindly scroll though the catalogue and look for  symbol to know about new products.

We have learnt from the feedback that someone has duplicated our Community Health and Environmental Sanitation Models. We suggest you to kindly look for  logo & our company hologram on the products before making purchases.

We welcome you advice and cooperation in further expanding the range of our products. We are sure that all the articles will be very useful for your institution. Thanking you and assuring you of our best services,



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### **Some Tips to Study the Catalogue**

Welcome! - You are about to enter the wonderfully exciting world of models and charts. In the pages of these catalogues you will come to know the products manufactured and marketed by us. Before you start browsing through them we give below some tips that will help you to study it better and effectively.

- 1. All the articles are manufactured in very heavy quantity by using very costly designs, dies and patterns. As such the size and description cannot be changed or altered at will. Please prepare your requirements according to the material and size mentioned in the catalogue.*
- 2. All the articles are properly coded. Please mention the code and language.*
- 3. The illustrations of charts are very selective. Each and every chart cannot be displayed in the catalogue. As such while placing an order please consult the detailed list mentioned therein.*
- 4. The panorama of the models and charts in medical science has been very well arranged subjectwise and where ever necessary we have given cross references.*
- 5. Applicability of Goods and Services Tax and other overhead expences have been mentioned below. Please go through the same.*

### **PLEASE NOTE**

1. Customers' full satisfaction is our business policy. We are fully confident of the high standard and quality of our products.
2. To avoid delay in the execution of your order, please be careful as to mention:
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  - b. Your nearest Railway Station and the name of your bankers.
3. The prices mentioned are nett, Ex-godown. Packing, Forwarding & Transportation charges extra. Please note that these prices are not M.R.P.
4. GST : At present maps, charts and globes are exempted form GST. For other items, GST as applicable on the date of supply will be charged extra.
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# IMPORTANT NURSING CHARTS

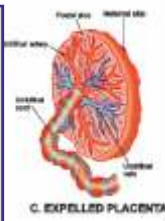
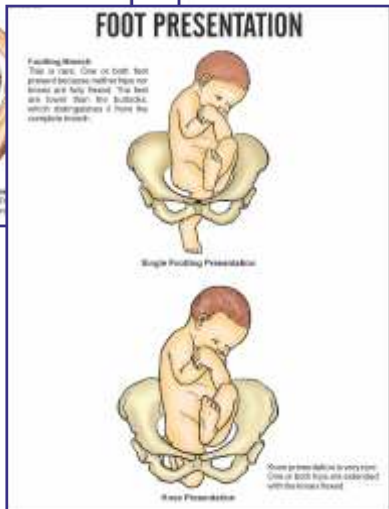
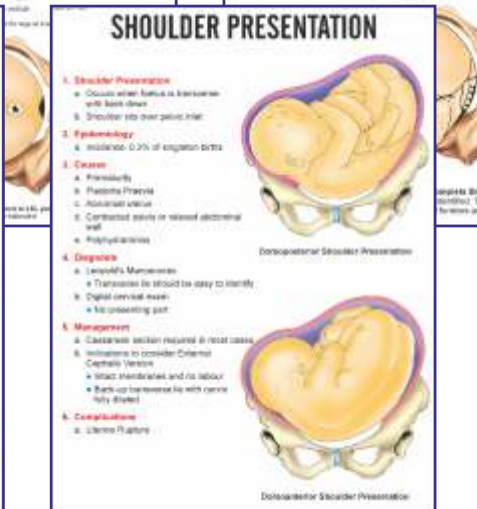
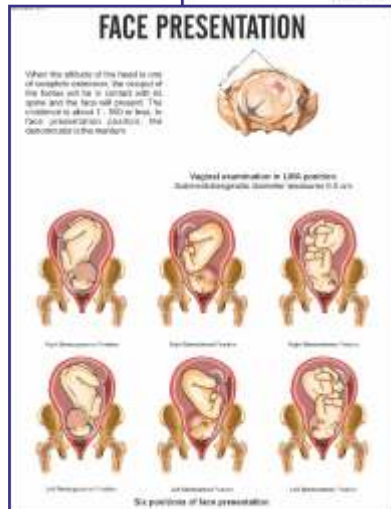
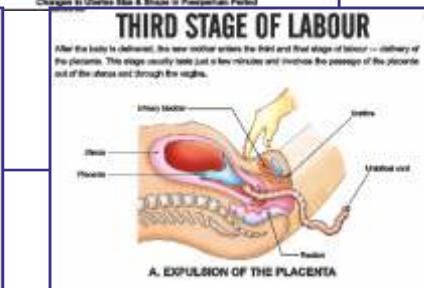
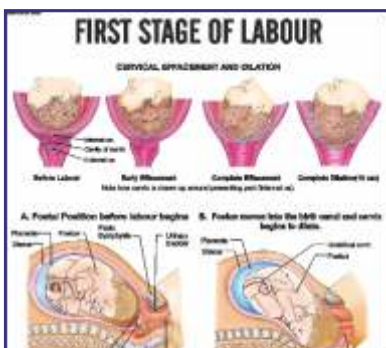
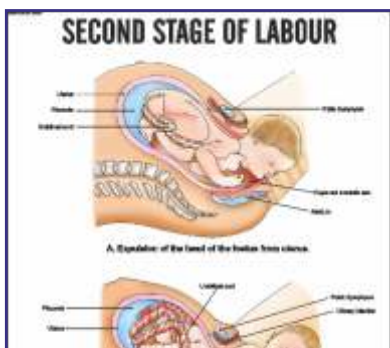
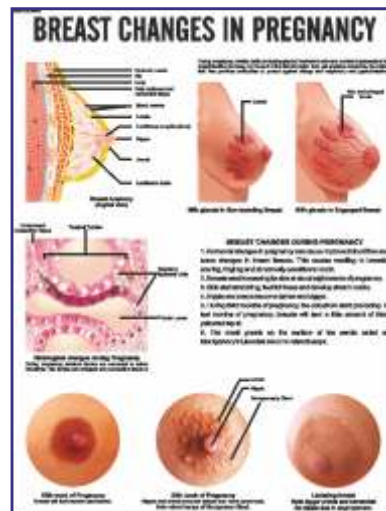
Size 51 × 66 cm

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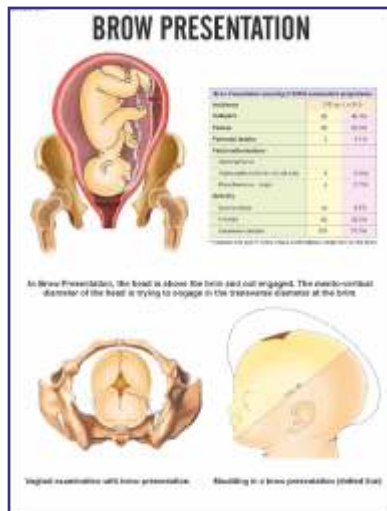
- INC01 Breast Changes in Pregnancy
- INC02 Uterine Changes in Pregnancy
- INC03 First Stage of labour
- INC04 Second Stage of labour
- INC05 Third Stage of labour
- INC06 Complete Breech Presentation
- INC07 Incomplete Breech Presentation
- INC08 Foot Presentation
- INC09 Shoulder Presentation
- INC10 Face Presentation





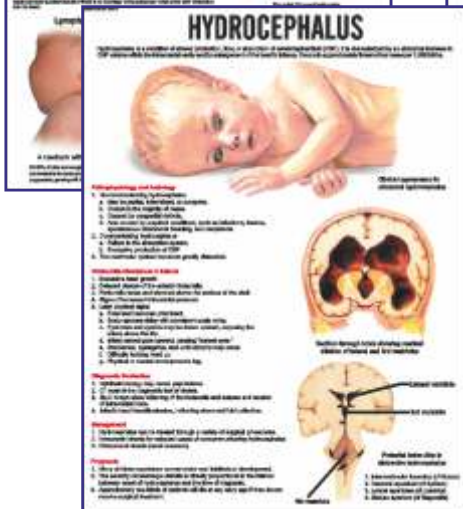
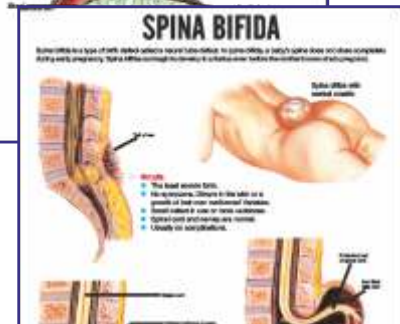
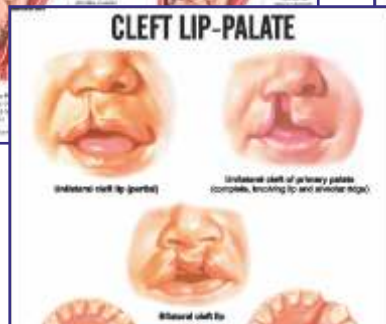
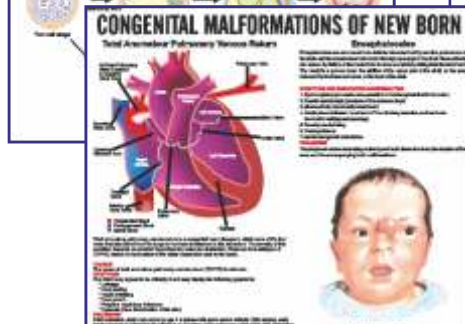
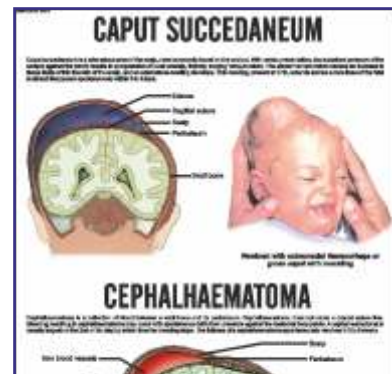
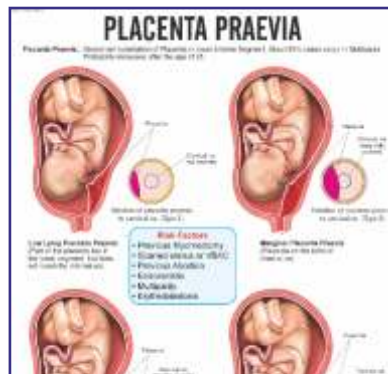
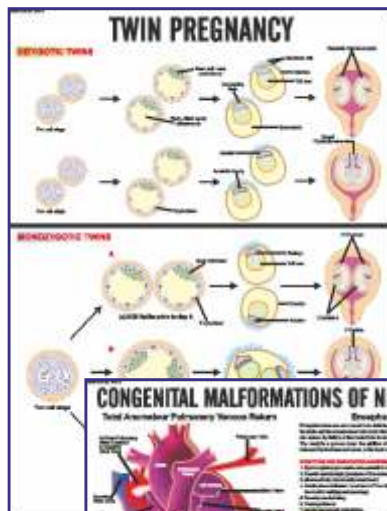
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**CODE NO. NAME OF THE CHART**

- 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



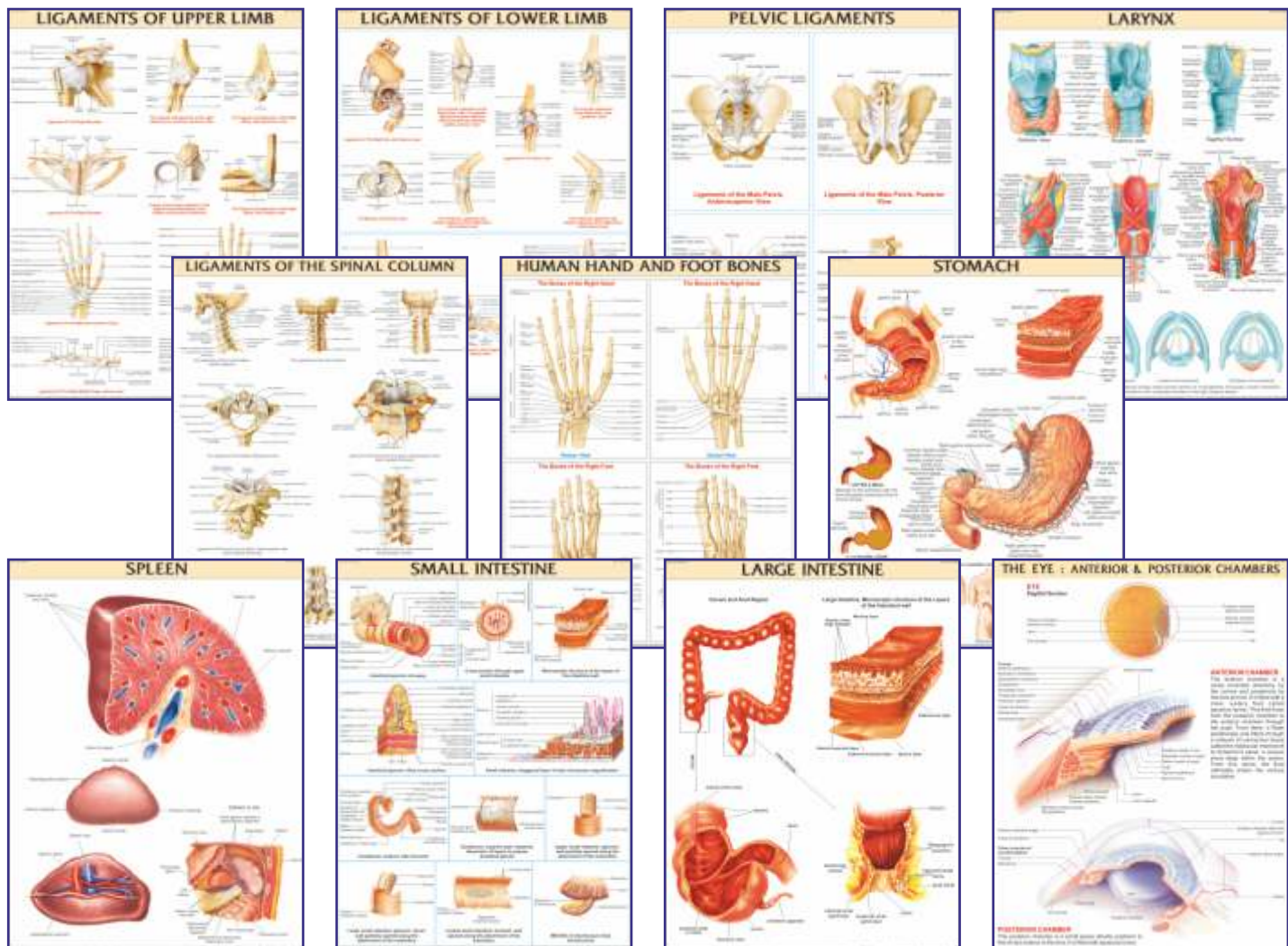
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- DMN001 Human Skeleton
- DMN002 Different Types of Joints
- DMN003 Different Types of Vertebra, Atlas
- DMN004 Different Types of Vertebra, Axis
- DMN005 Different Types of Vertebra, Cervical
- DMN006 Different Types of Vertebra, Thoracic
- DMN007 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
- 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



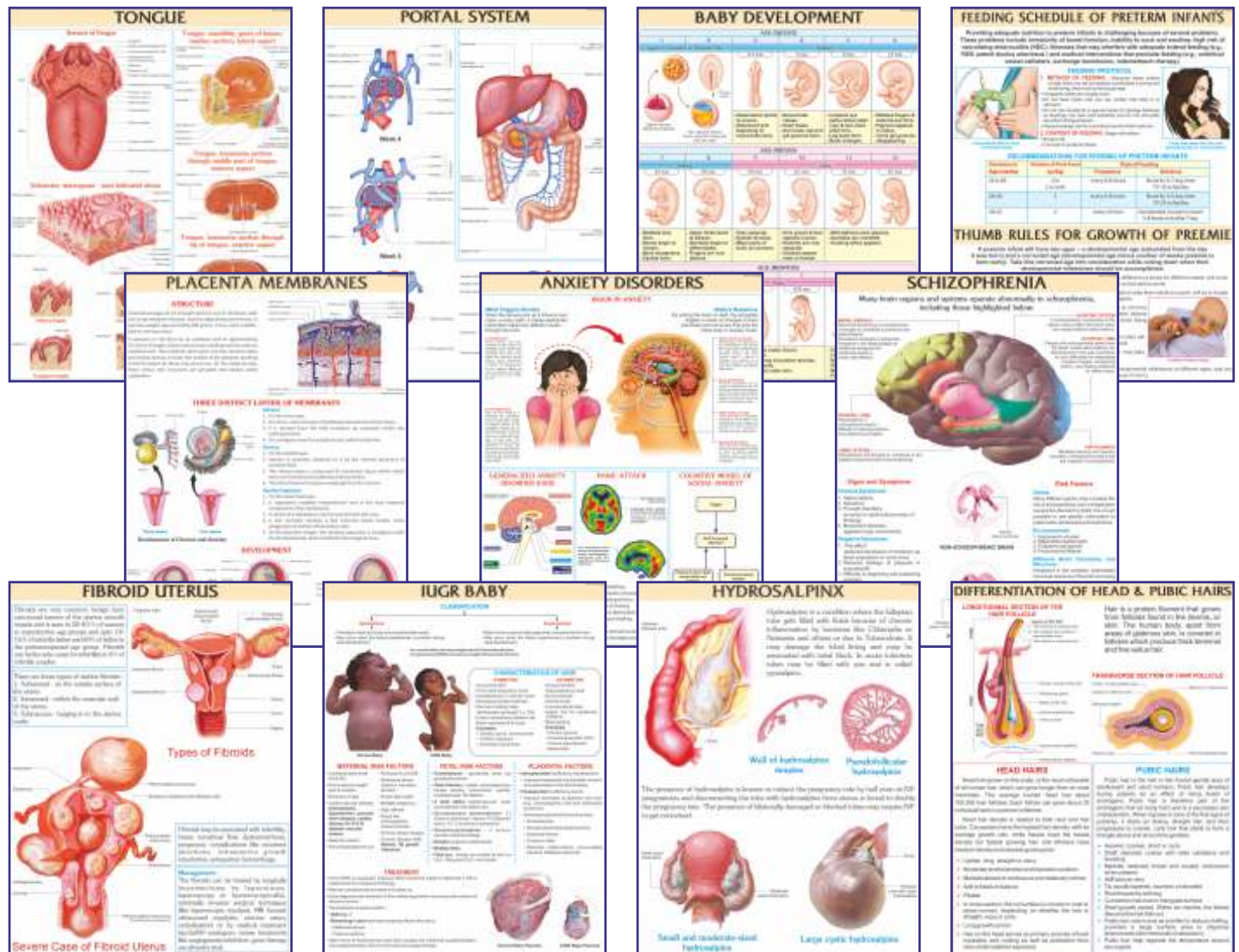


**Rigid lamination on board with aluminium frame.**  
**Flexible lamination fitted with rollers.**

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- DMN200** Blood Circulatory System
- DMN201** Reproductive System
- DMN202** Portal System
- DMN300** Baby Development
- DMN301** Feeding Schedule of Preterm Infants & Thumb Rules for Growth of Preemie
- DMN302** Placenta Membranes
- DMN400** CPR Infant
- DMN401** CPR Child
- DMN402** CPR Adult
- 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
- DMN700** Stages of Human Development
- DMN701** Cross-Sectional Anatomy : Thoracic Vicera
- DMN702** Cross-Sectional Anatomy : Abdominal Vicera
- DMN703** Cross-Sectional Anatomy : Pelvic Vicera
- DMN900** Differentiation of Head & Pubic Hairs





**BONES & SKELETON MODELS**



**XC-101 Human Skeleton**

• Price Rs. 15590.00

- Size: 170 cm life size.
- Made of PVC plastic.
- Removable arms and legs.
- Features nerve branches, vertebral artery and herniated lumbar disc.
- Skull includes movable jaw, cut calvarium, suture lines and three removable lower teeth.
- Mounted on a sturdy 40cm wide base.
- Washable & Unbreakable
- Ideal for teaching the basics of human anatomy.

**XC-101A Human Skeleton With Muscles & Ligaments**

• Price Rs. 27800.00

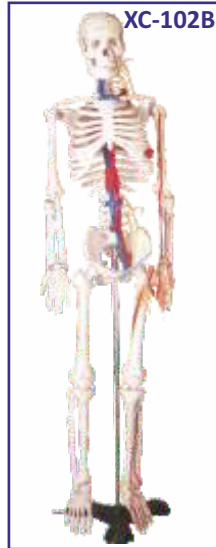
- Life size 170 cm
- With muscles & ligaments
- On pelvic mounted stand with 40 cm wide base.
- The skeleton allows you to demonstrate the hand painted muscles origins & flexible joints ligaments.
- This skeleton is made of durable plastic.
- Skull includes movable jaw, cut calvarium, suture lines & three removable lower teeth.
- Washable & Unbreakable
- Ideal for teaching the basics of human anatomy.



**XC-102B Human Skeleton**

• Price Rs. 5450.00

- 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.



**SK046 Mini Skeleton**

• Price Rs. 1550.00

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



**XC-130B Disarticulated Painted Skeleton Model**

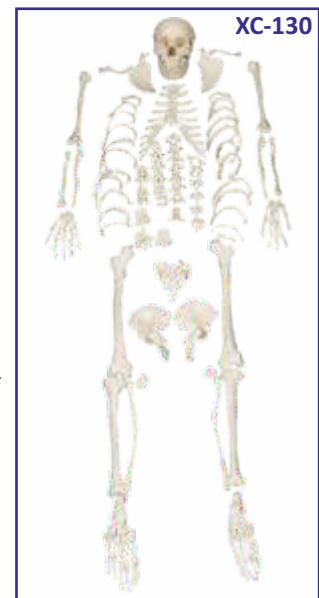
• Price Rs. 17990.00

- Life size model disarticulated adult skeleton includes 3-part skull, right hand and right foot on wire.

**XC-130 Disarticulated Skeleton**

• Price Rs. 10900.00

- This economical 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.
- About 200 different bones.





**XC-104 Life Size Skull**

• Price Rs. 2090.00

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



**XC-104E Skull Model with 8 Parts Brain**

• Price Rs. 4740.00

- This Model is based on XC-140D, includes 8 parts brain : frontal and parietal lobe, temporal and occipital lobe, encephalic trunk and cerebellum.

**XC-104C Life Size Coloured Skull**

• Price Rs. 2990.00

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



**ZX-1202**

**Human Skull Model Dx.**

• Price Rs. 3490.00

- 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.



**XC-135 Skull with Cervical Spine**

• Price Rs. 3850.00

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



**GD/A1115 Infant Skull**

• Price Rs. 4790.00

- Material: Advanced PVC.

**ZX-1201 Human Fetal Skull**

• Price Rs. 1590.00

- Made of HSP resin having long durability.
- Natural size. Total 41 parts labeled.
- Movable lower jaw.
- Beautifully painted in colours.
- Showing incomplete ossification of skull bones, fontanelles, frontal and parietal eminences, various skull bones like occipital, temporal, sphenoid, frontal, mandible & maxilla.



**XC-126**

**Vertebral with Pelvis & Femur Heads**

• Price Rs. 5990.00

- 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.

**XC-105C**

**Didactic Flexible Vertebral Column with Pelvis**

• Price Rs. 6340.00

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







**XC-134 Cutaway Osteoporosis**

• Price Rs. 1090.00

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



**XC-118**

**Lumbar Set**

• Price Rs. 1925.00

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



**XC-119**

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

• Price Rs. 3850.00

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



**XC-115**

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

• Price Rs. 4600.00

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



XC-120

**XC-120**

**Thoracic Spinal Column**

• Price Rs. 3850.00

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

**XC-133**

**Cervical Vertebral Column with Neck Artery**

• Price Rs. 1490.00

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



XC-133



XC-123

**XC-123 Adult Male Pelvis**

• Price Rs. 2020.00



XC-124

**XC-124 Adult Female Pelvis**

• Price Rs. 2020.00

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

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

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

• Price Rs. 2860.00

- Natural size.
- Made of PVC plastic.



XC-125

**ZX-1601**

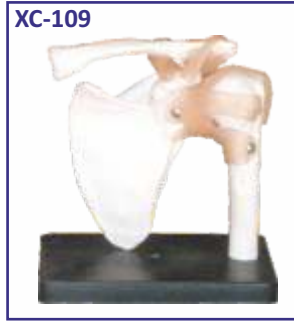
**Bone Microstructure**

• Price Rs. 4500.00

- Made of HSP resin having long durability.
- Size : 30x20x16 cm. Total 19 positions are shown.
- 3-D section of a lamellar bone.
- The model 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 logitudinal section.



ZX-1601



**XC-109**  
**Shoulder Joint**  
• Price Rs. 1390.00

- 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.



**XC-110**  
**Hip Joint**  
• Price Rs. 1390.00

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



**XC-111**  
**Knee Joint**  
• Price Rs. 1390.00

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



**XC-112 Elbow Joint**  
• Price Rs. 1390.00

- 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.



**XC-113**  
**Foot Joint**  
• Price Rs. 1390.00

- The model is made of PVC.
- Hinge joint.
- Gliding joint.
- Natural size.

**XC-113A**  
**Life-Size Foot Joint with Ligaments**  
• Price Rs. 1590.00

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



**XC-114**  
**Hand Joint**  
• Price Rs. 1390.00

- The model is made of PVC plastic.
- Hinge joint.
- Saddle joint.
- Condyloid joint
- Natural size.



**XC-114A**  
**Life-Size Hand Joint with Ligaments**  
• Price Rs. 1590.00

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



**ZX-1203E**  
**ZX-1203E Foot Model**  
• Price Rs. 2000.00

- Model shows significant structures of the foot such as muscles, bones and ligaments
- Size : Life size.
- 31 parts labeled in total.



**XC-325**  
**XC-325 Palm Anatomy**  
• Price Rs. 4350.00

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



**XC-326**  
**XC-326 Normal, Flat and Arched Foot**  
• Price Rs. 5640.00

- This model shows the anatomical structure and the distal end of tibia of normal, flat and arched foot. Set of 3 models.

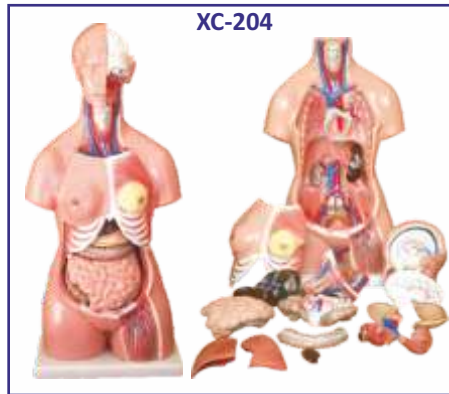


**HUMAN TORSO MODEL**

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

• Price Rs. 15290.00

- 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.



**ZX-1100E Human Torso Small (23 parts)**

• Price Rs. 3200.00

- Size: 46 x 24 x 12.5 cm.
- Mounted on a plastic base.

**GD/A/11301/1**

**Male Muscle Figure 78 cm**

• Price Rs. 37200.00

- 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, musculartendon, ligaments, viscus, blood vessels, brain etc.
- Material: Advance PVC and painted with imported paint.



**MK050 Human Torso**

• Price Rs. 8190.00

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



**MK064 Visible Expectant Mother Anatomy Kit**

• Price Rs. 8250.00

- 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.
- Everything in a body is there for a reason. From skin to heart to fingerprints. Some of the body parts are organs, like stomach, brain or heart. They do specific things to keep human alive.
- To explore the model, open it by removing the front outer plastic "skin". Next remove the front of the rib cage. Now you can remove the organs one at a time. Notice how the organs connect to each other and fit in the body. After you have taken all the organs out, follow the illustrations to put your model back together.



**GD/A11305**

**GD/A11305 Muscles of Arm with Main Vessels and Nerves**

• Price Rs. 29700.00

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 Muscles of Leg with main Vessels and Nerves**

• Price Rs. 33900.00

Features:

- 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.





## GD/A18212 Head and Neck with Blood Vessels, Nerves and Brain

• Price Rs. 34900.00

### Features:

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

## DIGESTIVE SYSTEM

### ZX1605 Alimentary Canal Wall Model (complete set of 8) Price Rs. 19900.00

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



**ZX-1605/1**  
**Oesophagus Wall**  
• Price Rs. 2600.00

- Model is highly magnified to show histological section fine tissues and structures of Oesophagus wall.
- Size: 16 x 16 x 26 cm.
- 14 parts labeled in total.



**ZX-1605/2**  
**Oesophagus & Stomach Junction**  
• Price Rs. 2600.00

- Model is highly magnified to show histological section fine tissues and structures of Oesophagus & stomach junction.
- Size: 16 x 16 x 26 cm.
- 18 parts labeled in total.



**ZX-1605/3**  
**Stomach Wall**  
• Price Rs. 2600.00

- Model is highly magnified to show histological section fine tissues and structures of stomach wall.
- Size: 16 x 16 x 28 cm.
- 21 parts labeled in total.



**ZX-1605/4**  
**Stomach & Duodenum Junction**  
• Price Rs. 2600.00

- Model is highly magnified to show histological section fine tissues and structures of stomach & duodenum junction.
- Size: 16 x 16 x 38 cm.
- 17 parts labeled in total.



**ZX-1605/5**  
**Duodenum Wall**  
• Price Rs. 2600.00

- Model is highly magnified to show histological section fine tissues and structures of duodenum wall.
- Size: 16 x 16 x 33 cm.
- 15 parts labeled in total.



**ZX-1605/6**  
**Small Intestine Wall**  
• Price Rs. 2600.00

- Model is highly magnified to show histological section fine tissues and structures of small intestine wall.
- Size: 16 x 16 x 28 cm.
- 15 parts labeled in total.



**ZX-1605/7**  
**Large Intestine Wall**  
• Price Rs. 2600.00

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



**ZX-1605/8**  
**Rectum Wall**  
• Price Rs. 2600.00

- Model is highly magnified to show histological section fine tissues and structures of rectum wall.
- Size: 16 x 16 x 21 cm.
- 11 parts labeled in total.

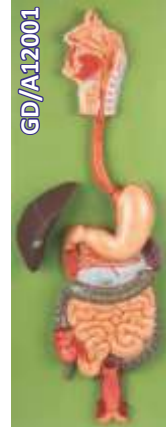




**ZX-1301A Human Digestive System**

• Price Rs. 4500.00

- Made of HSP resin having long durability.
- 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.
- Shown 56 positions. Size : 40x80 cm. Life size.
- Mounted on sturdy wooden frame.



**GD/A 12001 Digestive System**

• Price Rs. 14090.00

- Mounted on board.
- Shows alimentary canal from mouth to rectum in median section and included buccal cavity, pharynx, esophagus with half of the stomach, the opened duodenum, small and large intestine, the opened appendix, the unfolded rectum, the transverse colon, liver and pancreas.
- Shows 49 positions.
- Made of advanced PVC.



**XC-306**

**XC-306 Stomach Model**

• Price Rs. 1820.00

- 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.

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

• Price Rs. 2135.00

- 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-311**

**XC-312 Liver Model**

• Price Rs. 3350.00

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



**XC-312**

**ZX-1408 Stomach**

• Price Rs. 1990.00

- The model shows different muscle layers of stomach wall.
- Model shows lower esophagus, vessels and nerves.
- Model is on stand. Size : 17x16x25 cm.
- 36 parts labeled in total. Model is in 2 parts.



**ZX-1408**

**NEW**

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

• Price Rs. 2100.00

- Made of HSP resin having long durability.
- Total 70 parts are labeled.
- Size : 20x15x10 cm
- Model shown different layers of stomach wall.
- Separated into 3 parts.
- Mounted on stand with base.
- Model depicts lower esophagus, associated blood vessels and sectioned duodenum and pancreas (revealing large ducts up to its aperture).



**ZX-1402**

**ZX-1606 Intestinal Villi**

• Price Rs. 1950.00

- It is made of advanced HSP resin.
- Mounted on sturdy wooden base .
- Highly enlarged replica model of villi section of small intestine.
- 3D model 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.
- Size: 31 x 20 x 43 cm.
- 17 parts labeled in total.



**ZX-1606**

**NEW**



**GD/A12006**

**GD/A12006 Appendix and Caecum**

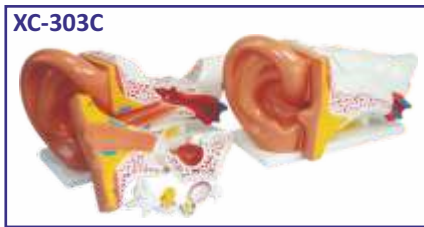
• Price Rs. 3530.00

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

**E.N.T.**

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

• Price Rs. 2290.00



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

**GD/A13001 Nasal, Oral, Pharynx & Larynx Cavities**

• Price Rs. 40200.00



- 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.



**XC-309**

**Model of the Anatomical Nasal Cavity**

• Price Rs. 1340.00

**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.



**XC-301**

**XC-301 Human Larynx Model Magnified**

• Price Rs. 1290.00

- 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-324**

**XC-324 Model of the Head**

• Price Rs. 4320.00

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

**EYE**

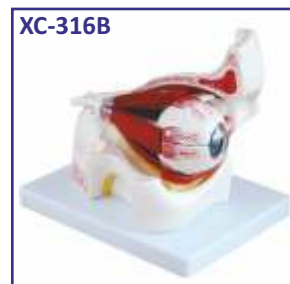


**XC-316**

**XC-316 Giant Eye Model**

• Price Rs. 2090.00

- 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.



**XC-316B**

**XC-316B Eye with Orbit**

• Price Rs. 4690.00

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



**ZX-1410**

**ZX-1410 Eye Model on Stand**

• Price Rs. 1430.00

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

# HEART & CIRCULATORY SYSTEM

## ZX-1302 Human Circulatory System

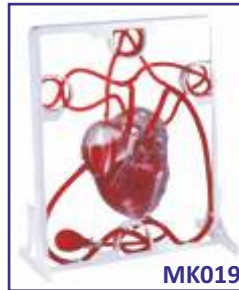
• Price Rs. 4500.00



- Made of advanced HSP resin.
- Half life sized relief model.
- Mounted on wooden base.
- Model shows following anatomical structures : Arterial and venous system, Heart showing chambers, Liver, Spleen, Lung, Kidneys, Partial skeleton.
- 81 parts labeled in total.

## MK019 Pumping Heart

• Price Rs. 1670.00



- 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 scale with display stand.
- Complete instruction manual, easy to assemble.
- Acrylic Paints & Brush are included.

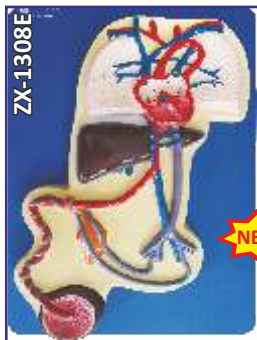


## GD/A16001

### Circulatory System

• Price Rs. 12490.00

- Mounted on board.
- Shows general network of vessels in human body. Shows 81 positions.
- Made of Advanced PVC.



## ZX-1308E

### Fetal Circulation

• Price Rs 2250.00

- It is made of advanced HSP resin and is mounted on sturdy wooden base.
- Model shows foetal heart, lungs, liver, placenta with cord, aorta & vena cava and is marked to show circulation & direction of blood flow.
- Size: 61 x 46 x 07 cm
- 24 parts labeled in total.



## ZX-1405E

### Human Heart (7 Parts)

• Price Rs. 1750.00

- Model is sectioned to expose ventricles, atria, and valves.
- Model also depicts blood vessels of heart and heart musculature in detail.
- Size : 20 x 20 x 22 cm.



## ZX-1500

### Blocked Artery Model

• Price Rs. 1450.00

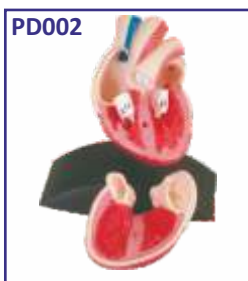
- The model shows 4 stage cross section of narrowing of an artery due to build up of cholesterol and plaque.
- Four stages depict normal artery, fatty streak, fibrous plaque & blockage in order.
- All stages rotate on a hinge pin.
- Size : 12x8x4 cm.



## ZX-1611E Blood Groups

• Price Rs. 1750.00

- 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.
- Size : 60 x 25 x 6 cm.
- 12 parts labeled in total.

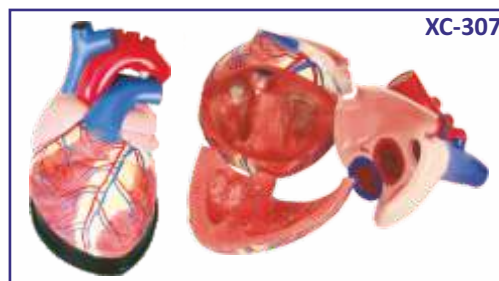


## PD-002

### Heart Model

• Price Rs. 2090.00

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



## XC-307

### Jumbo Heart Model

• Price Rs. 2750.00

- Size: 25 x 23 x 23 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

• Price Rs. 2820.00

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



REPRODUCTIVE SYSTEM

ZX-1304 Human Reproductive System Male

• Price Rs. 4500.00

- Made of HSP resin for long durability.
- 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.
- Total of 24 parts are labeled in upper half model.
- Lower half shows the model of scrotum and contents alongwith the penis. Total of 17 parts are labeled in lower half model.



ZX-1305 Human Reproductive System Female

• Price Rs. 4500.00

- Made of advanced 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.
- Total 20 positions are marked in upper half model.
- Lower half model shows adnexa of uterus.
- Size : 40x80 cm. Total 36 positions are marked in lower half model.



GD/A15102



GD/A15102 Male Genital Organs

• Price Rs. 10900.00

- Dissected in median & 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

• Price Rs. 9250.00

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

XC-429 Female Internal & External Genital Organs

• Price Rs. 1470.00

- 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

• Price Rs. 5450.00

Features:

- 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.



GD/F5M Male Condom Model

• Price Rs. 6150.00

- 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.



ZX-1412 Male Condom Training Model

• Price Rs. 600.00

- The model is designed for male condom skill training.
- Model is supplied with one spare condom piece.
- Size : 14.5x 14.5 x 20 cm.



GD-F9B Female Contraception Practice Simulator

• Price Rs. 11700.00

- 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-1403E**

**Male Pelvis Small (Magnetic)**

• Price Rs. 1035.00

- Median section model shows male genital organs in normal position.
- Model is mounted on board.
- Model is in 3 parts.
- Size: 25x25x8 cm.



**ZX-1404E**

**Female Pelvis Small (Magnetic)**

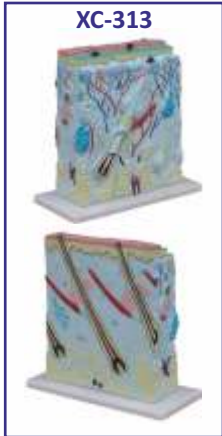
• Price Rs. 1035.00

- Median section model shows female genital organs in normal position.
- Model is mounted on board.
- Model is in 2 parts.
- Size: 25x25x8 cm.



**SKIN**

**XC-313**



**XC-313 Skin Model Enlarged**

• Price Rs. 2140.00

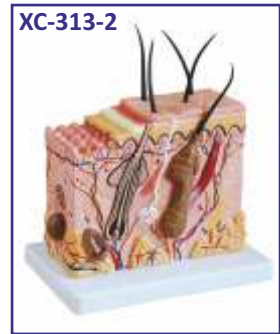
- A greatly enlarged (105 times) cross sectional view of the human skin showing three layers-epidermis, dermis, hypodermis, structures of the human scalp and a close-up view of a hair follicle, sweat gland, fatty tissue, sebaceous gland, blood vessels & nerves. Front, side and back view.
- Mounted on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

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

• Price Rs. 3450.00

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

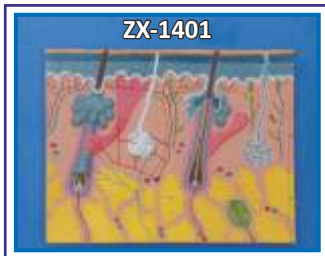
**XC-313-2**



**ZX-1401 Human Skin**

• Price Rs. 1100.00

- The skin relief model of a skin section of the head.
- Made of HSP resin with long lasting durability. Size : 30x35 cm



- Delivered on sturdy wooden base.
- 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.
- Total 31 parts are labeled.

**ZX-1604 Skin Model**

• Price Rs. 1650.00

- Model shows 3-D section of human skin.
- Size : 21x10x25 cm.
- The model represents differentiated skin layers, hair, sweat glands, sebaceous glands, blood vessels, nerves and receptors for detailed examination.
- Model is mounted on sturdy wooden board for easy display.
- 35 parts labeled in total.
- Made of advanced HSP resin having long durability.

**ZX-1604**



**ZX-1501E**



**ZX-1501E Skin Cancer**

• Price Rs. 475.00

- 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.
- Size : 15x15x6 cm. 9 parts labeled in total.

**ZX-1502E**

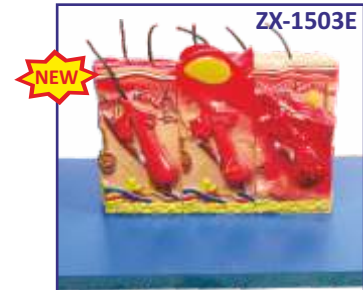


**ZX-1502E Skin Acne**

• Price Rs. 1050.00

- 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.
- Size : 15x15x13 cm.
- 19 parts labeled in total.

**ZX-1503E**



**ZX-1503E Skin Burn**

• Price Rs. 1300.00

- 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.
- Size : 20x15x12 cm.
- 20 parts labeled in total.



**BRAIN & NERVOUS SYSTEM**

**XC-308 Brain with Arteries**

• Price Rs. 1860.00

- Made of PVC plastic.
- Dissectible into 8 parts. On base.
- Natural size: 18.5 × 14 × 13.5cm.
- 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, arteria supply of the cerebellum and cerebrum.



**XC-318 Brain with Arteries on Head**

• Price Rs. 3990.00

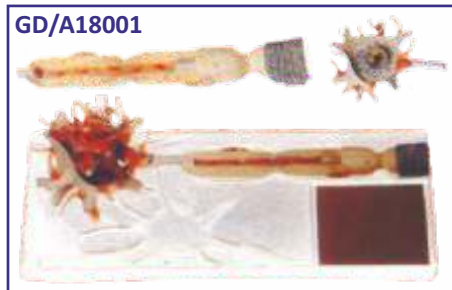
- This model shows the brain structure inside the skull. Two halves brains can be disassembled into: frontal with parietal lobes, temporal with occipital lobes, half of brain stem, half of cerebellum.
- Life-size, dissectible into 9 parts.



**ZX-1602 Neuron**

• Price Rs. 3300.00

- Motor neuron model in three-dimension.
- Made of HGSP having long durability.
- Beautiful painted in bright colors.
- Well illustrated and informative.
- The membranous covering has been cut away to expose the cytological ultra structure.
- Model shows branching dendrites, myelin-wrapped axon and node of Ranvier.
- A section of the axon can be lifted off to view the tightly-wound layers of the enveloping myelin sheath, neurolemma and the schwann cell.
- Total 19 positions are marked in the model. Size : 30x20x12cm



**GD/A18001 Neuron Model**

• Price Rs. 8140.00

- 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-1307 Human Nervous System**

• Price Rs. 4500.00

- Half life size relief model of human nervous system.
- Made of HSP resin and delivered on wooden base board.
- 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.
- 39 positions are displayed.

**GD/A18101**

**Nervous System**

• Price Rs. 15170.00

- Mounted on board.
- Shows the structure of central nerves, peripheral nerves, including spinal nerves radiated from central system to other parts of body (such as ulnar nerve, radial nerves of branchial plexus, median nerve, ischiadic nerve).
- Shows 33 position.
- Made of Advanced PVC.



**GD/A 18102**

**Spinal Cord in the Spinal Canal**

• Price Rs. 18890.00

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



**GD/A 18110**

**Sympathetic Nervous System**

• Price Rs. 23800.00

- Mounted on board.
- Shows the outlook of automatic nervous system, including sympathetic.
- Shows 53 positions.
- Made of Advanced PVC.





**ZX-1409E Head, Brain and Eye**

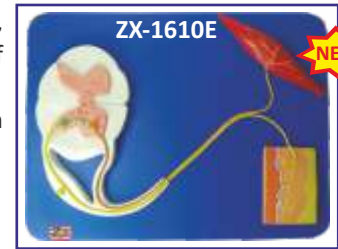
• Price Rs. 3300.00



- Detailed model of head 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. Life size.

**ZX-1610E Reflex Arc**

• Price Rs. 1725.00



- The model shows sensory, neural & motor elements of a complete reflex arc.
- Mounted on sturdy wooden base for easy display.
- Size: 30x40x3 cm.
- 22 parts labeled in total.

**RESPIRATORY SYSTEM**

**ZX-1306 Human Respiratory System**

• Price Rs. 4500.00



- Made of advanced HSP resin.
- Size : 40x80 cm. Mounted on wooden sturdy base board for easy display.
- 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.
- 24 positions are marked in upper part model.
- Lower half of the model shows enlarged pulmonary acinus displaying pulmonary alveoli, alveolar saccules, bronchial artery and veins and alveolar capillary network.
- Total 14 positions are marked in lower part model.
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.

**XC-302 Pulmonary Alveoli Model Magnified**

• Price Rs. 1820.00



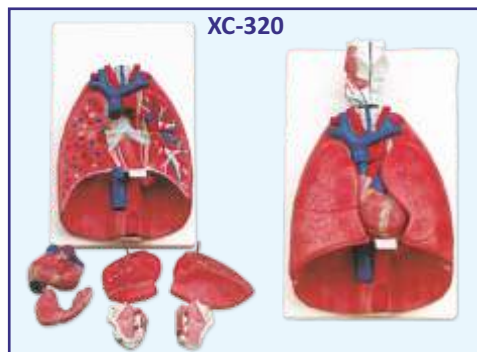
- Size: 26 × 15 × 35 cm
- Made of PVC plastic and mounted on plastic base.
- The model shows the small branches of principal bronchus:
- Section of bronchiole of no cartilage.
- The relation between pulmonary alveoli and terminal bronchiole.
- The structure of alveolar sac and alveolar duct
- The capillary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

**GD/A13013**

**Transparent Lung, Trachea & Bronchial tree with Heart**

• Price Rs. 12990.00

- 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-320 Larynx, Heart and Lungs Model**

• Price Rs. 6090.00

- Life size
- Dissect able in 7 parts
- Made of PVC plastic
- Size 36 × 23 × 12 cm.



**XC-330**

**Model of the Transparent Lung Segment**

• Price Rs. 5490.00

- 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 (3segments), right middle lobe (2segments), right inferior lobe (5segments)
- Left lung: left upper lobe (4 segments), left inferior lobe (4segments).
- 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.

**EXCRETORY SYSTEM**

**XC-331**

**Male Urogenital System**

• Price Rs. 1870.00

- 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 20x20x50 cm.

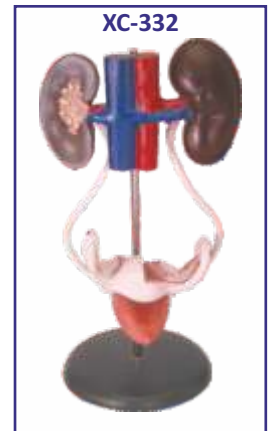


**XC-332**

**Female Urogenital System**

• Price Rs. 1870.00

- 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**

• Price Rs. 4500.00

- Model is made of advanced HSP resin to maintain long durability.
- Delivered on wooden baseboard for easy display.
- Size : 40x80 cm. 36 parts are labeled in total.
- Model of human excretory system 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.



**ZX-1603 Kidney Microstructure**

• Price Rs. 4500.00

- It is made of advanced HSP resin and is mounted on sturdy wooden base for easy display.
- Size:30x20x24 cm & 45 parts are labeled in total.
- 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.

**XC-310-3**

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

• Price Rs. 1680.00

- Life-size model features the kidney, adrenal gland, renal and adrenal vessels and upper portion of the ureter.
- Dissectible into 2 parts to reveal the cortex medulla, cortex vessels and renal pelvis.
- Model can be removed from the stand for instruction and patient education.
- Size: 12.5 x 12.5 x 20 cm.

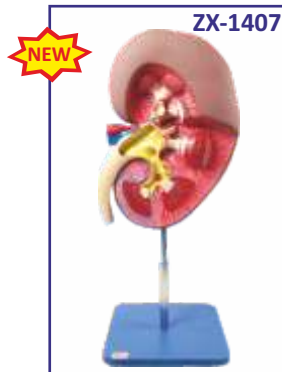


**ZX-1407**

**ZX-1407 Kidney**

• Price Rs. 1700.00

- Model shows a longitudinal section of the left kidney.
- Mounted on stand.
- Size : 3 times of life size.
- 31 parts labeled in total.



**XC-333 Urinary System Model**

• Price Rs. 7690.00

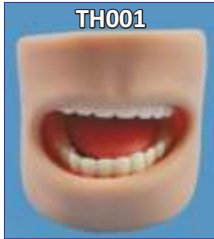
- The Model shows the structures of retroperitoneal cavity, pelvis with bones and muscles, inferior venacava, aorta with its branches, upper urinary tract, kidney with adrenal gland, ureter, bladder, etc.
- Dissectible into 4 parts.



**DENTAL MODELS**

**ZX-NS 6503  
Teeth Model in Oral Cavity**

• Price Rs. 5750.00



- 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.



**TH001  
Dental Care Model**

• Price Rs. 3040.00

- 2 Times Full-Size
- Giant Teeth with Tooth brush.



**TH002  
Dental Model Small**

• Price Rs. 1320.00

- 1.5× Model with Hinge.



**ZX-1411  
Dental Care Model**

• Price Rs. 1425.00

- Highly enlarged dental model with normal tooth brush.
- Size : 22 x 16 x 15 cm.

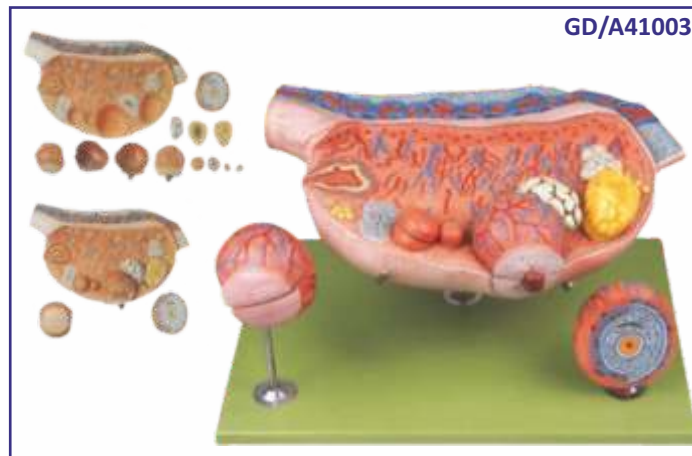
**GYNAE & OBSTETRIC MODELS**



**XC-332B Human Female Pelvis Section (4 parts)**

• Price Rs. 7050.00

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



**GD/A41003 Ovary Model**

• Price Rs. 19290.00

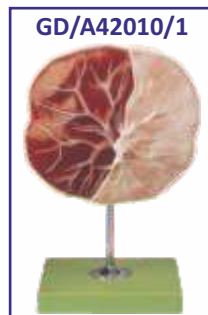
- Consists of 8 parts, mounted on stand.
- Shows ovary, primary and secondary ovarian follicles, ovium, ovulation, ovum, corpus luteum, corpus albicans.
- It demonstrates the procedure of ovum's development.
- Shows 10 positions.
- Made of Advanced PVC.



**GD/A42004  
Embryo Model**

• Price Rs. 3420.00

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



**GD/A42010/1  
Human Placenta**

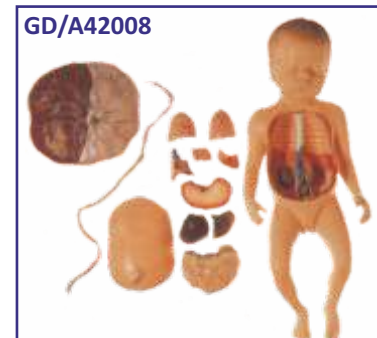
• Price Rs. 3420.00

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

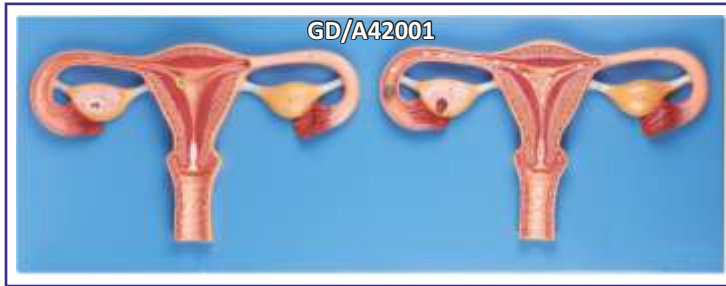
**GD/A42008 Fetus with Viscera and Placenta**

• Price Rs. 17790.00

- 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.



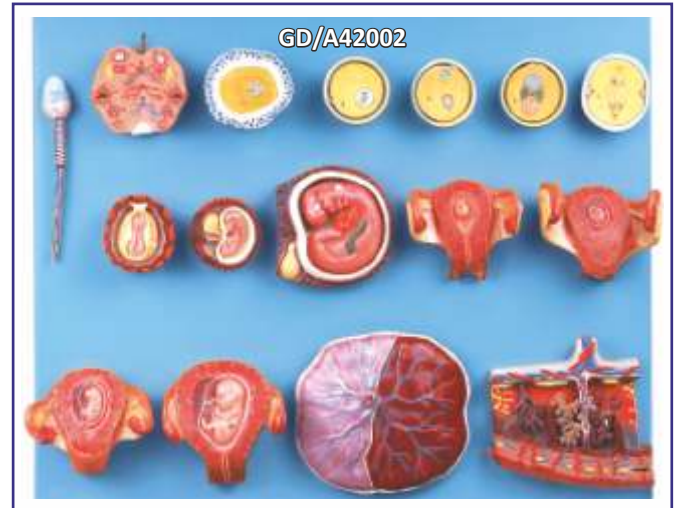




**GD/A42001 Fertilization Process Simulator**

• Price Rs. 12690.00

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

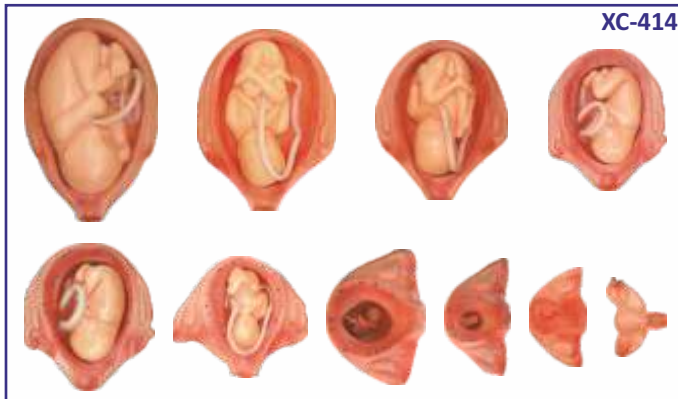


**GD/A42002**

**Human Fertilization and Early Embryology**

• Price Rs. 41500.00

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



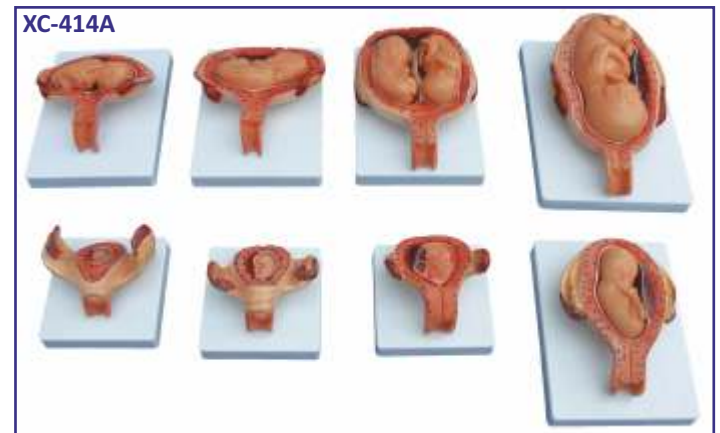
**XC-414**

**XC-414 The Development Process of Fetus**

• Price Rs. 33600.00

- 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



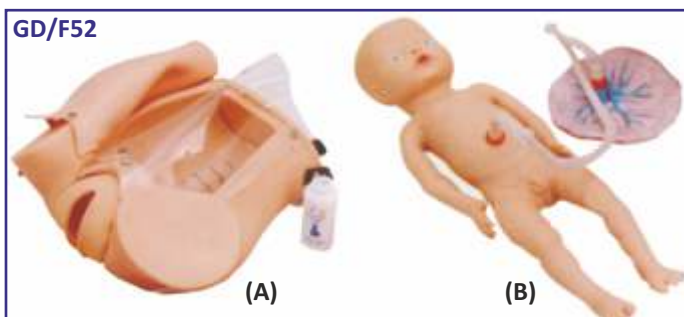
**XC-414A The Development Process of Fetus (Half Size)**

• Price Rs. 23850.00

- 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.

**GD/F52 Advanced Delivery Mechanism Demonstration Simulator**

• Price Rs. 76900.00



**GD/F52**

(A)

(B)

**Features:**

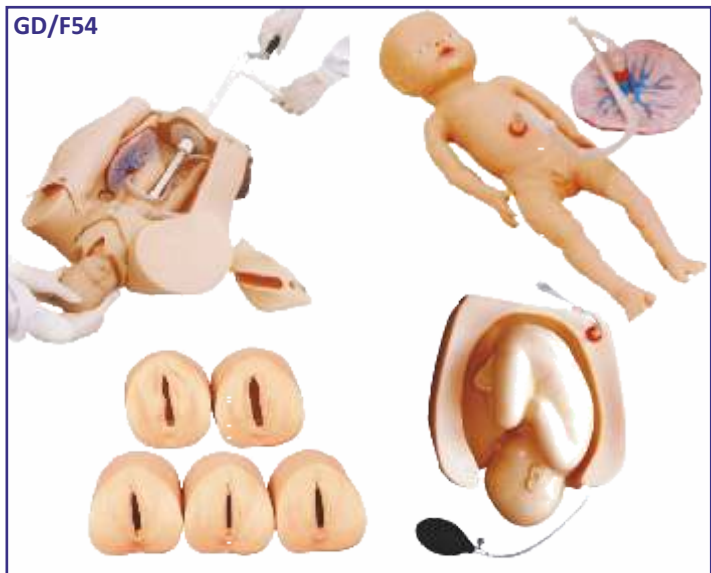
- Demonstrate the whole process of delivery;
- Demonstrate the fetus, umbilical cord and placenta of vacuum-assisted delivery, flexible fetal joint and multiple normal and abnormal positions of fetal delivery can be showed.
- Can practice and master the comprehensive skills of normal labor, abnormal 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**

• Price Rs. 94800.00

**Features:**

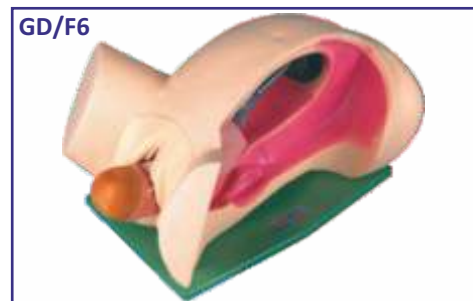
- Demonstrate the fetus, umbilical cord any placenta of vacuum-assisted delivery, flexible fetal joint and multiple normal and abnormal positions of fetal delivery can be showed.
- Equipped with manual delivery mechanical parts; by manual the whole delivery process including engagement, descending, flexion, 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/F8 Vacuum Delivery Model**

• Price Rs. 32950.00

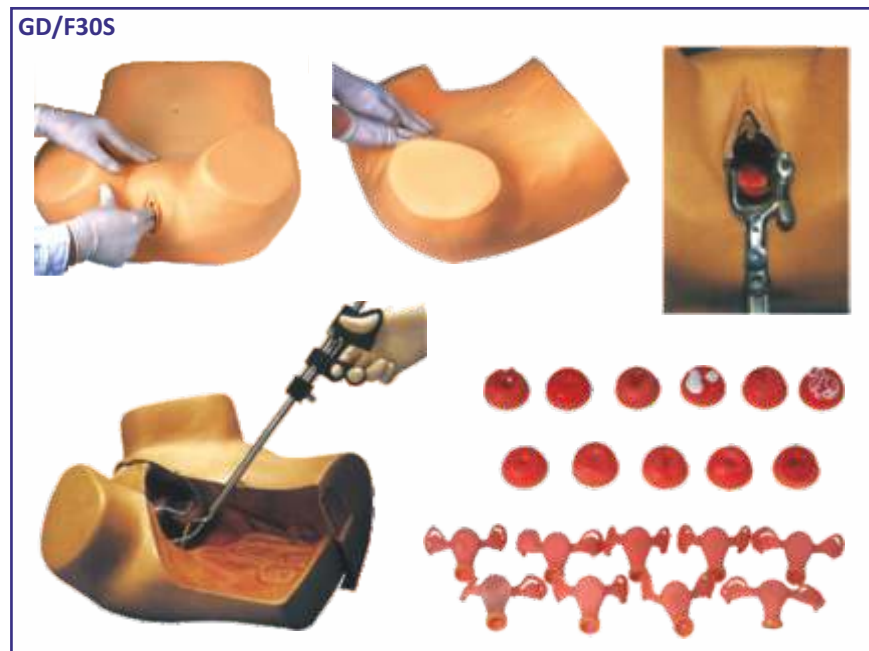
- The simulator can help to demonstrate all the process of delivery.
- The life-size pelvic cavity has main anatomical structures.
- It can help to train the skills of delivery.



**GD/F6 Leopold Maneuvers Simulator**

• Price Rs. 34200.00

- The model shows the seven stages of birth: engagement-descent-flexion-internal rolling-spread-reposition and external rolling-childbirthing.



**GD/F30S**

**Gynaecological Examination Model**

• Price Rs. 67250.00

- 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.



**GD/F35 Advanced Gynaecological Training Simulator**

• Price Rs. 120450.00



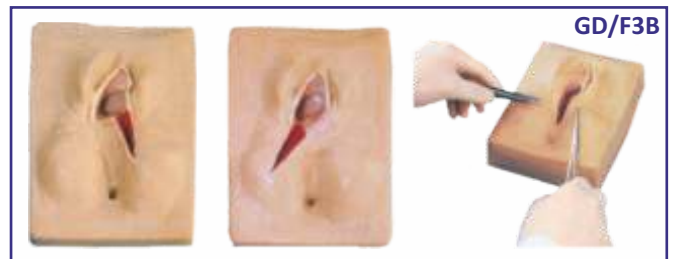
- Including all the functions of GD/F30S.
- Hysteroscopy Checking.
- Laparoscopic visualization checking can observe the uterus, accessories, round ligament, uterine and other structures.
- Allow to place the female condoms, contraceptive sponge, cervical cap & other contraceptives. Cervix and uterus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



**GD/F3A Episiotomy Training Simulator**

• Price Rs. 22700.00

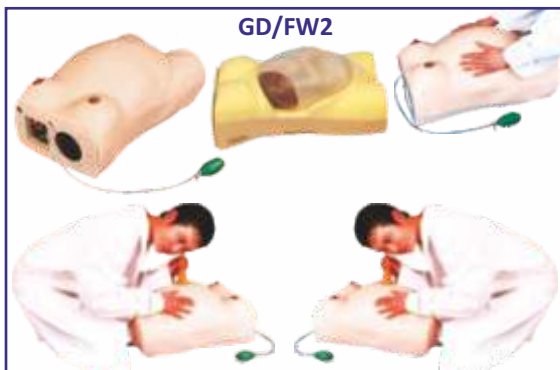
- This model is designed for practice of perineum cutting and suturing.
- The main structure of the simulator is a perineum. which is made of simulative and the inner muscle is soft PVC. The simulator is mounted on a plastic framework.
- There are two handles in the back and bottom of the simulator to 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**

Price Rs. 10490.00

- 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**

• Price Rs. 95000.00

- 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 Labour Delivery Simulator**

• Price Rs. 35350.00

- This series of models consists of six development phases and each part 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 orifice 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.



## ADVANCED DELIVERY & EMERGENCY SIMULATOR

### GD/F55 Advanced Delivery & Maternal & Neonatal Emergency Simulator

Price on Enquiry

#### 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 place is -3; Stage 4: 5 cm cervical dilation; cervical canal disappears; the position relation between fetal head and ischial spine place is 0; Stage 5: 7 cm cervical dilation; cervical canal disappears; the position relation between fetal head and ischial spine place is +2; Stage 6: 10 cm cervical dilation; cervical canal disappears; the position relation between fetal head and ischial spine place 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.



PAEDIATRICS MODELS

**XC-409 Newborn Baby Model**

• Price Rs. 2490.00



XC-409

- 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.

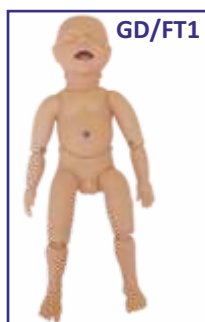
**XC-409A New Style Newborn Baby Model**

• Price Rs. 3100.00



XC-409A

- 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/FT1

**GD/FT1 New Born Baby**

• Price Rs. 8160.00

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

**GD/FT4 New Born Baby Model**

• Price Rs. 9200.00

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



GD/FT4

NURSING MANIKINS

**GD/H130 Advanced Nursing Baby**

• Price Rs. 43900.00

- 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/H130

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

• Price Rs. 84600.00

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/FT333

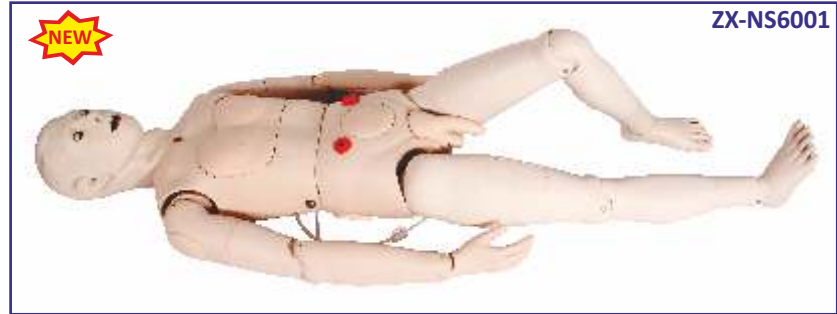
## NURSING MANIKIN

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

• Price Rs. 70000.00

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.

- 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)

• Price Rs. 70000.00

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

• Price Rs. 90000.00

- 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)

• Price Rs. 112800.00

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 urthral 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 it the wheelchair
  - 1) Truck - rotation, flexibility
  - 2) Neck - rotation, flexibility, lateral curvature
  - 3) Shoulder and buttock-endoduction, abduction, rotation, flexibility
  - 4) Elbow - internal rotation, external rotation
  - 5) Knee - internal rotation, external rotation
  - 6) Wrist - internal rotation, flexibility, stretching, bending
  - 7) Ankle - introversion, eversion, endoduction, abduction
- 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



## GD/H100S Basic Combination Nursing Manikin

• Price Rs. 66700.00

- 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)**

• Price Rs. 89900.00

- 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 :-**

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Head care: hair washing, face washing</li> <li>• Irrigation of the eyes and ears</li> <li>• Oral cavity care</li> <li>• Oral cavity and nasal cavity intubation</li> <li>• Oxygen inhalation</li> <li>• Oral and nasal feeding</li> <li>• Lavage</li> <li>• Organs structure of thorax</li> <li>• Vein puncture and injection, transfusion,</li> <li>• Deltoid injection</li> <li>• Puncture of thorax, abdominal cavity,</li> <li>• liver medulla and lumbar</li> <li>• Enema</li> <li>• Urethral Catheterization for male and female</li> <li>• Irrigation of bladder for male and female</li> </ul> | <ul style="list-style-type: none"> <li>• Ostomy Irrigation</li> <li>• Gluteus injection</li> <li>• Organs structure of abdominal cavity</li> <li>• General care, bed bathes, dressing and undressing</li> <li>• Wound care: disinfection, dressing change, binding, hemostasia.</li> <li>• Trauma parts;                     <ul style="list-style-type: none"> <li>a. The suturing care for the wound on the chest wall</li> <li>b. The suturing care for the wound on the abdomen</li> <li>c. The suturing care for the wound on the thigh</li> <li>d. The care for the bruise of the skin of the thigh</li> <li>e. The care for the infectious ulceration</li> <li>f. The care for the foot gangrene</li> <li>g. Wound of forearm amputation</li> <li>h. Wound of calf amputation</li> </ul> </li> </ul> |
|---|---|

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

• Price Rs. 27000.00

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

- Face washing and swab down;
- Oral cavity nursing;
- Tracheotomy nursing;
- Oxygen inbreathe;
- Nasal feeding;
- Stomach washing;
- Intracardiac injection;
- CPR first aid;
- Mammary nursing;
- Thoracic puncture;
- Liver puncture;
- Celiac puncture;
- Medulla puncture;
- Lumbar puncture;
- Deltoid puncture;



- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Deltoid subcutaneous injection;</li> <li>• Vein injection;</li> <li>• Vein puncture;</li> <li>• Vein transfusion;</li> </ul> | <ul style="list-style-type: none"> <li>• Female catheter;</li> <li>• Female clyster;</li> <li>• Gluteus intramuscular injection.</li> </ul> |
|---|---|

**AED Trainer**



**AED01 AED Trainer**  
• Price Rs. 18000.00

- 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.



**AED+CPR01**  
**AED Trainer & CPR Trainer**  
• Price Rs. 32000.00

- The below (MB001B+) mentioned AED CPR & Trainer Manikin are available in combo pack.

**CPR MANIKINS**



**MB001B+ (AD)**  
**CPR Training Manikin Advance (Torso)**  
• Price Rs. 17000.00

- **Features and Function:**
- Two in one simulator
- Exclusive three position selector dial
- Breathing function : Real-like system
- Jaw thrust maneuver
- AED compatible ( AED not included)
- Ultra hygienic
- Accessories & Beg, Face shield (set of 5).

**MB001B+ CPR Training Manikin (Torso)**  
• Price Rs. 15000.00

- The Manikin is the only manikin in the market which includes both Adult and Child CPR simulator in one product.
- Economic and profitable product.
- Light weight: 2.2 Kg makes easier storing and transport for trainers.
- Adult & child position include a clicking sound for checking the correct compression depth according to Guidelines 2015.
- The selector on the back allows to chose Adult or Child position.
- "N" position on the selector allows to check without a clicking sound and without depth limit the acquired skills.
- The Manikin breathing system is real and exclusive on the market.
- The unique valve design allows to be connected nose-mouth-lung.
- The non-return system of the valve doesn't allow students inhale air from the lung bag helping to avoid Contagions.
- If the exclusive articulated head is not tilted properly and the nose is not pinched there will be no chest rise.
- Manikin is essential as complement of the AED compatible (AED not included).
- The torso design of Manikin and its size is proper to use AED trainer.
- The Manikin skin material is proper for using AED training pads & easy cleaning.



NEW

NEW

**MB001 (AD)**  
**CPR Training Manikin Advance (Torso)**  
• Price Rs. 15000.00  
• MB001 (AD) same above but without accessories.

**MB001**  
**CPR Training Manikin (Torso)**  
• Price Rs. 13000.00  
• MB001 Same as above but without accessories.



**Accessories For MB001B+, MB001**

<b>SP001 Lungs Bags</b> .....	(Pack of 24 pcs.) .....	Rs. 4200.00
<b>SP002 No Return Value</b> .....	(Pack of 8 pcs.) .....	Rs. 920.00
<b>SP003 Face Shield</b> .....	(Pack of 50 pcs.) .....	Rs. 3000.00
<b>SP004 Face Skin</b> .....	(Pack of 8 pcs.) .....	Rs. 4200.00
<b>SP005 Chest Skin</b> .....	(Pack of 4 pcs.) .....	Rs. 3200.00
<b>SP006 Transport Bag</b> .....	including Mat .....	Rs. 1800.00

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

• Price Rs. 121850.00

- 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**

• Price Rs. 136000.00



- 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.

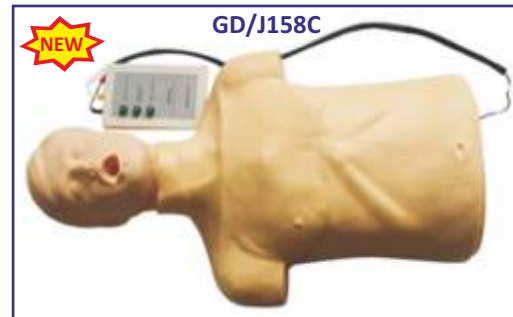
**GD/J158C Adult CPR And Intubation Training Manikin Half-Body with Monitor**

• Price Rs. 114400.00

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).



- 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.

## ZX-CPR2000 Advanced Half-Body CPR Training Manikin with Monitor

• Price Rs. 73500.00



- 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

• Price Rs. 62900.00

- 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

• Price Rs. 37000.00

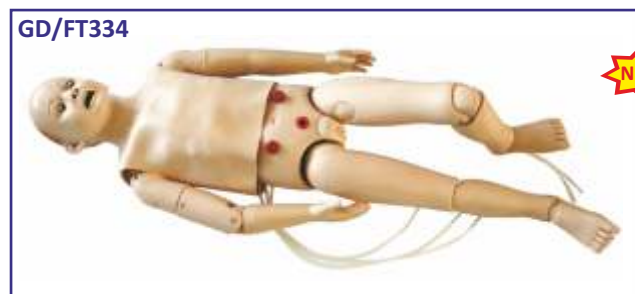
- This product is developed and produced by professionals in the purpose of providing an improved and convenient CPR training manikin for medical college, hospital and department of health's training program;
- Accurate anatomical landmark, realistic texture, durable, resistance to deform and convenient 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/FT334 Full-Functional Child CPR and Nursing Manikin (5 Years) with monitor

• Price Rs. 153000.00

- General care: Skin care (e.g. wear and changes clothes), mouth care, ear, irrigation, bandaging training, changing diapers, cold and hot therapy;
- Venus puncture/transfusion: dorsal vein of hand, femoral vein, dorsal vein of foot Intramuscular injection: bilateral deltoid, bilateral vastus lateralis
- Subcutaneous injection: the subcutaneous of lateral thigh Bone marrow puncture: distinct body marks; practice tibial puncture; outflow of simulative bone marrow shows proper puncture operation;
- Gastric intubation: detect tube position by means of abdominal auscultation; can practice gastrointestinal decompression, gastric lavage etc. aspiration of gastric fluid indicates proper intubation;
- Urethral catheterization: replaceable male/female perineum, practice male/female urethral catheterization Leum, rectum, bladder stoma care
- CPR operation training: Support multiple ventilation ways: mouth to mouth, mouth to nose, BVM to mouth; electronic monitoring of inflation frequency, volume compression number, frequency and depth; can only practice inflation or compression.



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

• Price Rs. 88550.00



- 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.

**ZX-CPR1600 Advanced Infant CPR Training Manikin**

• Price Rs. 73000.00

- 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 ventillation 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.



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

• Price Rs. 95500.00

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 superficilials, 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.

**ILLUMINATING GLOBES**

Manufactured by Replogle Globes, USA,  
World's largest globe manufacturing company

**Political-cum-Physical Globe**

Available in 2 sizes: 30 cm dia and 25 cm dia. Fitted on a moulded, black coloured base & smoked semi-meridian.

**Salient Features:**

- Illuminated.
- More than 4000 locations.
- Time dial at the North Pole.
- Two sizes:
  - Item Code IG01 Copenhagen Blue Globe 30 cm dia
  - Item Code IG02 Sweden Blue Globe 25 cm dia
- Unlit position shows Physical features.
- Lit position shows Political features.
- Certified by Survey of India.

Price Rs. 4000.00  
Price Rs. 3000.00





MEDICAL MODELS

**GD/J110 Advanced Trauma Simulator**

• Price Rs. 139000.00

**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

GD/J110



- 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-FA6806 Advanced Trauma Manikin**

• Price Rs. 116500.00

- Complete nursing skill training functions
- Equipped with trauma evaluation components, life like texture, practice cleaning, sterilizing stop bleeding and bandaging:

- *Facial burn degree I, II, III*
- *Forehead open wound*
- *Jaw trauma*
- *Open fracture of clavicle and chest contusion*
- *Abdominal trauma with exposed small intestine*
- *Right arm humerus open fracture*
- *Right hand open fracture, soft tissue laceration*
- *Left hand bullet wound*
- *Right thigh composite femoral fracture*
- *Right thigh sharp metal stab wound*
- *Right leg open compound fracture*
- *Right feet compound fracture, little toe truncation*
- *Left arm burn degree 1,11,111*



- *Left thigh truncation trauma*
- *Leg amputation*
- *Thigh muscle injury*

**ZX-FA6805 Advanced Trauma Evaluation Model**

• Price Rs. 57750.00



- 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**

• Price Rs. 158000.00



**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 friction and abnormal movements and carry out diagnosis and treatment. Can help the trainee master cleaning, disinfection, binding up, fracture reduction and fixation and handling operation of fracture trauma in practice. Has great clinical significance in surgical trauma emergency skill training.

• 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.

**GD/LV18 Surgical Suturing and Bandaging Simulator**

• Price Rs. 77400.00

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

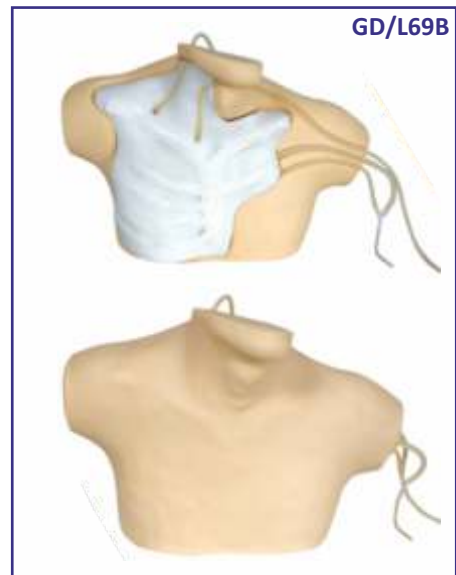
**GD/L69B Central Venous Catheterization Simulator**

• Price Rs. 89400.00

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

**Features:**

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



## GD/L69C PICC Line (Peripherally Inserted Central Catheter)

• Price Rs. 88400.00



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

### Features:

- The model is a simulative right half of adult torso with right arm. There are apparent anatomical marks: clavicle suprasternal notch, stenoideomastoid muscle, pectoralis major muscle, ribs and deltoid muscle.
- Lifelike veins: Superior vena cava, internal jugular vein, subclavical vein, cephalic vein, basilic vein and median cubital vein etc.
- With apparent anatomical marks, the model can be used to train puncture and catheterization of internal carotid vein, subclavical vein, cephalic vein and heart catheterization.
- The skin and veins can be replaced, Students will feel an apparent "POP" when puncture needle has been thrust into the veins.
- The heart floating swan-ganz intubation can be exercised.

## GD/L69D Advanced Neonatal Peripheral and central Vein Intubation Simulator

• Price Rs. 67500.00

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

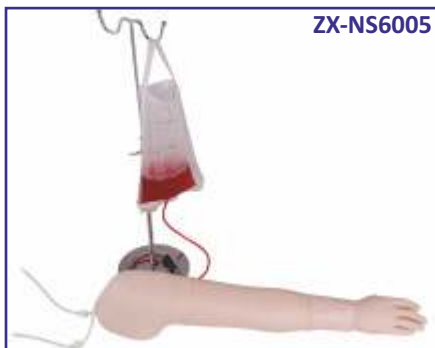
### Features:

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



## ZX-NS6005 Multifunctional Intravenous Injection Arm Model

• Price Rs. 45700.00



- 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/HS2



## GD/HS2 Multi Functional I.V. Training Arm

• Price Rs. 30900.00

- 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

• Price Rs. 25000.00

### 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-NS6012**

**Forearm Pad For Intravenous Injection**

• Price Rs. 5175.00

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

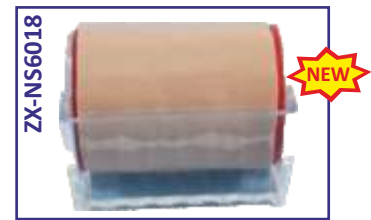


**ZX-NS6016**

**Intradermal Injection Pad**

• Price Rs. 2650.00

- 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**

• Price Rs. 7950.00

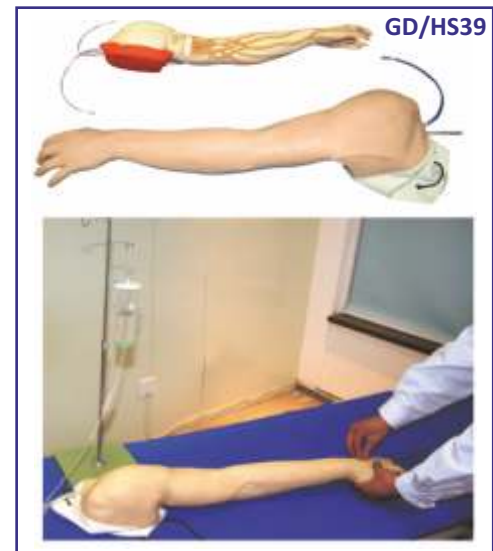
- Rotation design allow shift used part away and increase use life of the model
- Plastic base
- Intramuscular injection
- Intradermal injection : realistic skin test feedback
- Hypodermic injection

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

• Price Rs. 60000.00

**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 discernable "pop" is felt when entering the veins. The molding process reproduces the fine details of the skin to make the arm look and feel alive. Valves in the veins can be seen and palpated on the skin surface.
- 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/L63 Prostate Inspection Model**

• Price Rs. 86300.00



- 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

• Price Rs. 85200.00



- 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 lique flow out through it.
- Standard Equipment includes Catheter, Disposable Water-Proof Fabric, Infusion Stand, Liquid Bag, Deluxe Portable Box.



## GD/J55 Airway Intubation Model

• Price Rs. 47900.00

- 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.

## GD/L260B Comprehensive Puncture Simulator (Anteverted Sitting Position)

• Price Rs. 230000.00

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

### Features:

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

*skin and subcutaneous tissue*

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

GD/L260B



ZX-FA5058



## ZX-FA5058 Tracheotomy & Endotracheal Intubation Model

• Price Rs. 54000.00

- 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

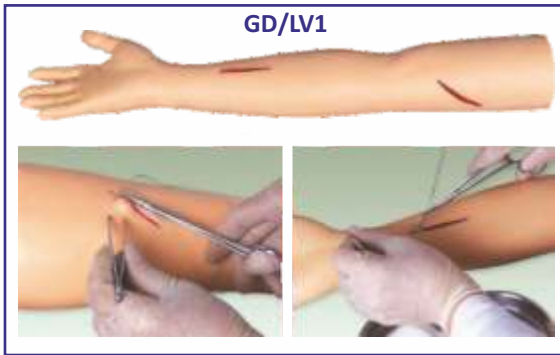


ZX-CS6206

## Suturing Skin Pad with Stand

• Price Rs. 1725.00

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



**GD/LV1 Advanced Surgical Suture Arm**

• Price Rs. 23200.00

- 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**

• Price Rs. 30900.00

- 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 hundreds times.
- If all the initial wounds have been sutured, student can cut the leg in other place for new training of suturing.

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

• Price Rs. 53200.00



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**

• Price Rs. 8100.00

**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.



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

• Price Rs. 43500.00

- 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)**

• Price Rs. 37950.00

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



**GD/H90E Decubitus Ulcer Care Simulator**

• Price Rs. 52900.00

**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**

• Price Rs. 30250.00

**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**

• Price Rs. 30250.00

**Features:**

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



**GD/H10C Adult Intramuscular injection Training Manikin**

• Price Rs. 72600.00

**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.

**ZX-NS6028 Buttock Intramuscular Injection Training Model**

• Price Rs. 70000.00



**NEW**

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/A16011

**GD/A16011 Lymphatic System**

• Price Rs. 25300.00

- Mounted on board.
- Shows the component & structure of the lymphatic system.
- Shows 63 positions.
- Made of advanced PVC.

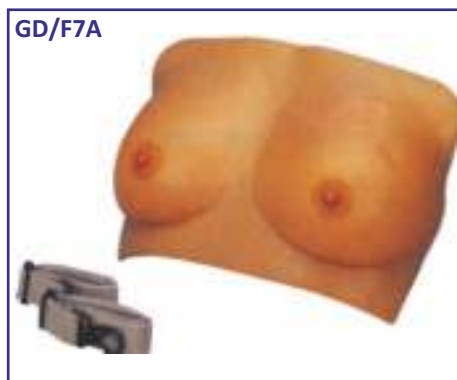


ZX-GP6620

**ZX-GP6620 Breast Inspection Model**

• Price Rs. 50000.00

- 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

**GD/F7A Breast Examination Model**

• Price Rs. 28000.00

- 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.



ZX-1406

**NEW**

**ZX-1406 Female Breast Model**

• Price Rs. 1700.00

- Model on stand shows a female breast in quiescent period.
- Model is medially divided into 2 halves.
- Life size. 16 parts labeled in total.

# COMMUNITY HEALTH NURSING MODELS

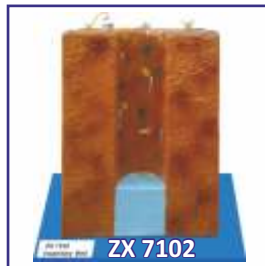
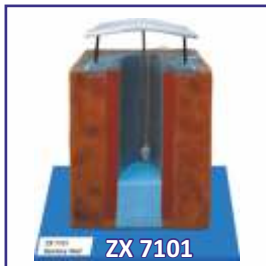
## COMMUNITY HYGIENE

- 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

ZX 7101 - Sanitary Well .....Price Rs. 5000.00  
 ZX 7102 - Insanitary Well.....Price Rs. 5000.00  
 ZX 7103 - Deep and Shallow Well.....Price Rs. 5000.00  
 ZX 7104 - Deep Tube Well .....Price Rs. 6000.00

ZX 7105 - Step Well .....Price Rs. 5500.00  
 ZX 7106 - Berkefeld Filter .....Price Rs. 5000.00  
 ZX 7107 - Slow Sand Filter.....Price Rs. 6500.00  
 ZX 7108 - Rapid Sand Filter.....Price Rs. 5500.00



## ENVIRONMENTAL SANITATION

ZX 7201 - House Drainage System.....Price Rs. 6500.00  
 ZX 7202 - Chamber Type Incinerator.....Price Rs. 6500.00  
 ZX 7203 - Activated Sludge Process.....Price Rs. 6500.00  
 ZX 7204 - Bore Hole Latrine .....Price Rs. 5000.00  
 ZX 7205 - Dug Well Latrine (Pit Latrine) .....Price Rs. 5000.00

ZX 7206 - Trench Latrine .....Price Rs. 5500.00  
 ZX 7207 - Septic Tank Latrine .....Price Rs. 6000.00  
 ZX 7208 - Biogas Plant.....Price Rs. 6500.00  
 ZX 7209 - Smokeless Chulha.....Price Rs. 6000.00



# COMMUNITY HEALTH BAG

## CHB02 Community Health Bag

Price Rs. 3200.00



CHB02

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

## CHB03 Midwifery Kit For Home Delivery

Price Rs. 3900.00

1. Face Mask
2. Surgical Spirit
3. Gloves
4. Rubber Mucus Sucker
5. Kidney Trays Medium 6" Stainless Steel
6. Kidney Trays Small
7. Bowls Medium
8. Bowls Small
9. Syringe 10ml
10. Syringe 5ml
11. Syringe 2ml
12. Hypodermic Needle Pkt.
13. Apron
14. Feotoscope
15. Artery Forcep Straight 6"
16. Artery Forcep Curve 6.5"
17. Thumb Forcep - Plain 5"
18. Thumb Forcep - Toothed 6"
19. Umbilical Cord Cutting Scissor
20. Umbilical Cord Tie
21. Enema Can With Tubing/Douch Set
22. Cotton
23. Mackintosh
24. Rubber Catheter
25. Spring Balance
26. Soap Dish
27. Towel
28. Measuring Tape



CHB03

# BUILD YOUR ANATOMY MODELS

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



SK007

**SK007 Eyeball Anatomy Model**

• Price Rs. 1500.00

- Size 14 cm
- 35 pieces set.



SK008

**SK008 Human Body Anatomy Model**

• Price Rs. 1500.00

- Size 12.7 cm
- 32 pieces set.

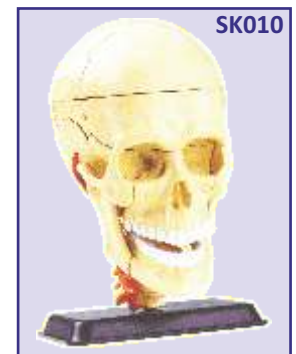


SK009

**SK009 Heart Anatomy Model**

• Price Rs. 1500.00

- Size 14 cm
- 31 pieces set.



SK010

**SK010 Cranial Nerve Skull Anatomy Model**

• Price Rs. 1500.00

- Size 9 cm
- 39 pieces set.



VETERINARY MODELS



**VT021 Frog Dissection Kit**  
• Price Rs. 4400.00

- Authentically detailed frog body.
- Removable soft texture organs.
- Cross sections show muscle structure.
- Glow-In-Dark "X-RAY" included.
- Child safe lab tools included.



**ZX-3500E Cow Skeleton**  
• Price Rs. 9200.00

- Model mounted on board shows maxilla, mandible, vertebrae, ribs, humerus, ulna, radius, femur, tibia, patella, phalanges, fibula, pelvis etc.
- Total 33 parts are labeled.
- Size : 61 x 46 x 07 cm.



**ZX-3501E Dog Skeleton**  
• Price Rs. 9200.00

- Model is mounted on board.
- Model shows maxilla, mandible, skull, atlas, axis, scapula, ribs, other vertebrae, hand and arm bones, leg & foot bones, pelvis etc.
- Total 35 parts are labeled.
- Size : 61 x 46 x 07 cm.



**ZX-3502E Fowl Skeleton**  
• Price Rs. 9200.00

- Model mounted on board shows cranium, mandible of bill, orbit, vertebrae, keel, fingers, pygostyle, arm bones, leg bones, ribs, hallux & other digits.
- Total 35 parts are labeled.
- Size : 46 x 61 x 07 cm.



**ZX-3204E Dog Blood Circulation**  
• Price Rs. 9200.00

- Model shows important arteries and veins with heart in position of a dog circulatory system.
- Total 47 positions are marked.
- Mounted on wooden board.
- Size : 61 x 46 x 07 cm.



**ZX-3202E Cow Digestive System**  
• Price Rs. 9200.00

- Model shows cow's digestive tract consisting of mouth, oesophagus, complex four compartment stomach, small intestine and large intestine.
- 14 positions are labeled in total.
- Size : 61 x 46 x 07 cm.



**ZX-3203E Cow Uterus**  
• Price Rs. 9200.00

- Model is mounted on board.
- Model consists of a septate uterine body and two uterine horns. Other structures shown are broad ligament, ovaries, oviducts, bladder, vagina, vestibule, ureter etc.
- 21 positions are labeled in total.
- Size : 46 x 61 x 07 cm.



**ZX-3205E Dog Respiratory**  
• Price Rs. 9200.00

- Model shows dog respiratory system organs such as nose, nasal & sinus cavity, pharynx, trachea, lungs & diaphragm.
- Total 7 parts are labeled.
- Mounted on board.
- Size : 61 x 46 x 07 cm.



**ZX-3206E Dog Heart**  
• Price Rs. 9200.00

- Model is a set of two pieces mounted on wooden board showing ventral and dorsal aspect of dog heart.
- Model shows blood vessels & chambers of dog heart.
- Total 31 positions are labeled.
- Size : 61 x 46 x 07 cm.



**ZX-3207E Dog Liver**  
• Price Rs. 9200.00

- Model is a set of 2 pieces mounted on board showing caudal & cranial aspect of dog liver.
- Model shows different lobes of liver, ligaments, small bladder, bile duct, hepatic artery etc.
- Total 22 positions are labeled.
- Size : 46 x 61 x 07 cm.



**ZX-3208E Bony Fish General Anatomy**  
• Price Rs. 5200.00

- Replica model on stand of a bony fish (perch)
- 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 parts labeled in total.
- Life size.

**HISTOLOGY AND BIOMOLECULES MODELS**



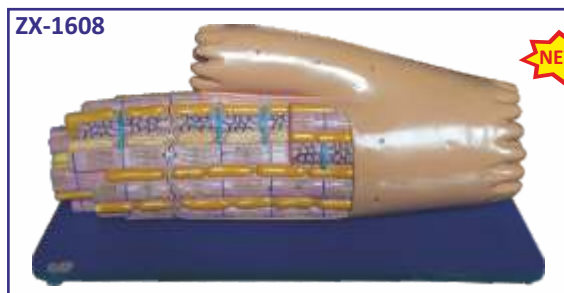
**DN001 DNA Model Kit**

- Price Rs. 1600.00
- Made of Plastic.
- Size: 10 × 10 × 45 cm.



**ZX-1607 Smooth Muscle Fibre**

- Price Rs. 2350.00
- 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.



**ZX-1608 Cardiac Muscle Fibre**

- Price Rs. 2350.00
- 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-1609 Skeletal Muscle Fibre**

- Price Rs. 2250.00
- 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-2100 Chloroplast**

- Price Rs. 5200.00
- 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.

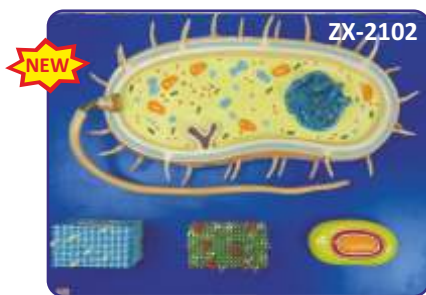


**ZX-2101 Mitochondria**

- Price Rs. 1950.00
- Block model is highly enlarged open section of typical mitochondria.
- Model shows outer and 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-2102 Bacterium**

• Price Rs. 5200.00



- 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**

• Price Rs. 1275.00



- 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.



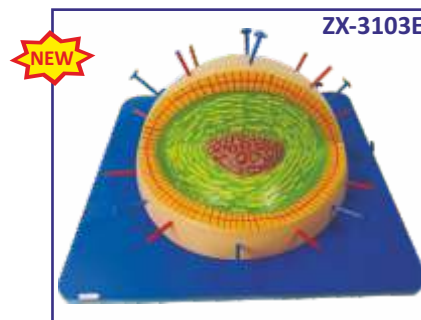
**ZX-3101 Animal Cell Model**  
• Price Rs. 2050.00

- 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**  
• Price Rs. 2350.00

- 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**  
• Price Rs. 2350.00

- 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 250S KANSIL'S OVERHEAD PROJECTOR : Rs. 7350.00 each**

- |                                 |                            |
|---------------------------------|----------------------------|
| • Low voltage                   | • Light weight             |
| • Latest Design                 | • Metal Body               |
| • Single Halogen lamp 24V-250W  | • Motorised cooling System |
| • Rack & Pinion Focusing System | • Intensity Control        |

**OHP 250T KANSIL'S OVERHEAD PROJECTOR : Rs. 7900.00 each**

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



**SP-150 Slide Projector Manual : Rs. 4000.00 each**

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



### OPTIONAL ACCESSORIES

<b>OA01</b> Projection Screen 70" × 52" (175 × 130 cms) with folding tripod stand.....	Each Rs. 2850.00
<b>OA02</b> Projection Screen 60"×60" (150×150 cms) with folding tripod stand .....	Each Rs. 2850.00
<b>OA03</b> Projection Screen 90"×72" (225×180 cms) with folding tripod stand .....	Each Rs. 6800.00
<b>OA04</b> Map Screen made of thick white rexine with roller 175 × 135 cms. ....	Each Rs. 1300.00
<b>OA11</b> Overhead Projector marker set of 7 pens including Eraser Pen.....	Per set Rs. 400.00
<b>OA12</b> Blank Overhead Projector Transparencies - 210 × 297 mm. Packet of 100 sheets.....	Per Pkt Rs. 450.00
<b>OA21</b> Bulb for OHP 24v-250W .....	Each Rs. 220.00
<b>OA22</b> Bulb for Slide Projector 24V-150W .....	Each Rs. 220.00
<b>OA31</b> Laser Pointer Pen Type with AAA size batteries.....	Rs. 1050.00
<b>OA32</b> Laser Pointer Pen type with button cells .....	Rs. 450.00



**2"×2" COLOURED 35 mm SLIDES**

**HEALTH SECTION**

**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**

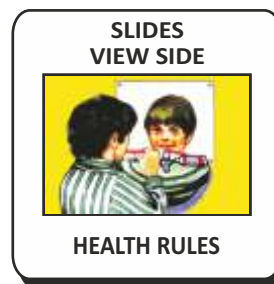
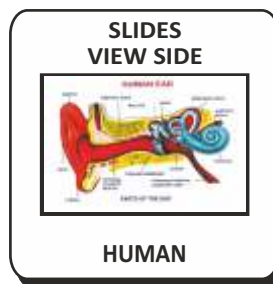
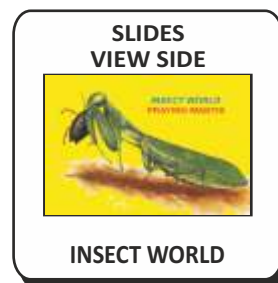
*each set contain 20 slides*

- 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*
- SH04 Vitamin *set of 10*
- SH06 Human Body *set of 10*
- SH07 First Aid *set of 50*
- SH09 Mothercraft *set of 30*
- SH11 Child Welfare *set of 20*
- SH12 Family Planning *set of 100*

**Price per Slide Rs. 12.00**



**BIO VIEWERS**

**BV01** Slidoscope for Viewing Slide in available light.....**Rs. 450.00**

*Biostrips are available on various subjects. Biostrips can be prepared on any subject (Min. quantity should be 50 each)*



**NURSING SLIDES SETS**

- 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*

**Price per Slide Rs. 13.00**



**BOTANY SECTION**

- |  |  |   |
|--|--|---|
| SB01 Algae Fungi <i>set of 20</i>              | SB11 Inflorescence <i>set of 10</i>                    | SB20 Plant Kingdom <i>set of 30</i>           |
| SB02 Angiospermic Families <i>set of 15</i>    | SB12 Insectivorous & Parasitic Plants <i>set of 20</i> | SB21 Plant Physiology <i>set of 30</i>        |
| SB03 Bacteria <i>set of 20</i>                 | SB13 L. H. Mucar <i>set of 15</i>                      | SB22 Pollination <i>set of 10</i>             |
| SB04 Bryophyta & Pteridophyta <i>set of 20</i> | SB14 Leaves <i>set of 20</i>                           | SB23 Roots <i>set of 20</i>                   |
| SB05 Cell Structure <i>set of 20</i>           | SB15 Marchantia <i>set of 15</i>                       | SB24 Spyrogyra <i>set of 20</i>               |
| SB06 Dispersal of Seeds <i>set of 20</i>       | SB16 Meiosis <i>set of 15</i>                          | SB25 Stems <i>set of 20</i>                   |
| SB07 Fern <i>set of 10</i>                     | SB17 Mitosis <i>set of 10</i>                          | SB26 Vegetative Reproduction <i>set of 20</i> |
| SB08 Fruits <i>set of 20</i>                   | SB18 Plant Anatomy <i>set of 20</i>                    | SB27 Water Plants <i>set of 10</i>            |
| SB09 Germination of Seeds <i>set of 20</i>     | SB19 Plant Histology <i>set of 30</i>                  |   |
| SB10 Higher Plants <i>set of 20</i>            |  | <b>Price per Slide Rs. 12.00</b>              |

**ZOOLOGY SECTION**

<b>SZ01</b> Anatomy of Frog	<i>set of 30</i>	<b>SZ12</b> Frog Embroyology	<i>set of 15</i>	<b>SZ23</b> L. H. Silkworm	<i>set of 10</i>
<b>SZ02</b> Anatomy of Rabbit	<i>set of 20</i>	<b>SZ13</b> Rabbit Embroyology	<i>set of 20</i>	<b>SZ24</b> Liver fluke & Tapeworm	<i>set of 20</i>
<b>SZ03</b> Amoeba & Paramecium	<i>set of 20</i>	<b>SZ14</b> Evidence of Evolution	<i>set of 20</i>	<b>SZ25</b> Mammals	<i>set of 30</i>
<b>SZ04</b> Animal Histology	<i>set of 30</i>	<b>SZ15</b> Fishes	<i>set of 30</i>	<b>SZ26</b> Meiosis	<i>set of 15</i>
<b>SZ05</b> Animal Kingdom	<i>set of 30</i>	<b>SZ16</b> Hydra & Obelia	<i>set of 20</i>	<b>SZ27</b> Mendel Heredity	<i>set of 20</i>
<b>SZ06</b> Animal World	<i>set of 40</i>	<b>SZ17</b> Harmful Insects	<i>set of 20</i>	<b>SZ28</b> Mitosis	<i>set of 10</i>
<b>SZ07</b> Beaks & Feet of Birds	<i>set of 20</i>	<b>SZ18</b> Useful Insects	<i>set of 20</i>	<b>SZ29</b> Prehistoric Animals	<i>set of 20</i>
<b>SZ08</b> Birds	<i>set of 30</i>	<b>SZ19</b> L.H. Butterfly	<i>set of 10</i>	<b>SZ30</b> Protozoa	<i>set of 10</i>
<b>SZ09</b> Cockroach	<i>set of 20</i>	<b>SZ20</b> L.H. Honey Bee	<i>set of 10</i>	<b>SZ31</b> Reptiles & Amphibians	<i>set of 40</i>
<b>SZ10</b> Earthworm	<i>set of 20</i>	<b>SZ21</b> L.H. Housefly	<i>set of 10</i>	<b>SZ32</b> Snakes	<i>set of 20</i>
<b>SZ11</b> Chick Embroyolgy	<i>set of 20</i>	<b>SZ22</b> L.H. Mosquito	<i>set of 10</i>		

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<b>SSS03</b> Medicinal Plants	<i>set of 100</i>	<b>Rs. 1900.00</b>	<b>SSS07</b> Physics Album for 10+2	<i>set of 100</i>	<b>Rs. 1400.00</b>
<b>SSS04</b> Histology	<i>set of 100</i>	<b>Rs. 1900.00</b>	<b>SSS09</b> Human Physiology	<i>set of 100</i>	<b>Rs. 1900.00</b>

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<b>OT05</b> Frog Development	<i>set of 15</i>	<b>OT13</b> First Aid	<i>set of 50</i>
<b>OT10</b> Human Physiology	<i>set of 50</i>		

Price per transparency Rs. 40.00



**INDIAN SCHOOL SYLLABUS ON VIDEO**

From Hazel Dolbrien of the U.K. Any one CD Rs. 300.00

Code	Title	Time (in mins.)	Code	Title	Time (in mins.)
<b>E01</b>	Sleepy Heads, Amoeba, Protista.	41	<b>E13</b>	Liver, Digestive System Part-I & II, Lymphatic System.	54
<b>E02</b>	How Insects Develop Part -I & II, Life of the Forest.	49	<b>E14</b>	Tissue Respiration, How Plants Move, Coral Reef Community.	51
<b>E03</b>	What are Cells, Role of the Cell Membrane, Peripheral Nervous System.	57	<b>E43</b>	Growing Plants, Fungi & man, Fungi.	47
<b>E04</b>	The Woods, Woodlands: Plant Movements, What is Autumn, What is Spring.	52	<b>E48</b>	Insects, Roots & Plants that help us.	44
<b>E05</b>	About Your Body, Tissues of the Human Body, Body Fights Diseases.	43	<b>E49</b>	Genetic Investigation, Genetics & Plant Breeding, Pattern Developments.	43
<b>E06</b>	How Seeds are Scattered, Dispersal of Seeds and Fruits, How Seeds Grow.	52	<b>E50</b>	Autumn Brings Changes, Spring Brings Changes, Flying Birds.	44
<b>E07</b>	Life Cycle of Insects Part -I & Part - II, life story of the Earthworm, food feeding habits.	47	<b>E51</b>	Parasites, Microbiology: Microbes & their Control, Diffusion & Osmosis, Structure of Protein.	54
			<b>E52</b>	Autonomic Nervous System & Drugs.	35
<b>E08</b>	Process of Pollination, Germination & Growth of plants, Life Cycle of Flowering Plants, Animals Breathe in many ways.	54	<b>E53</b>	Life Cycle of a Frog, Skeleton, Skin as a Sense Organ, Egg & Sperm.	50
<b>E09</b>	Meiosis, Mitosis, Circulatory System.	51	<b>E54</b>	Sense Perception Part-I & Part-II	55
<b>E10</b>	Temperature Regulation, Chemistry of The Cell Part - I & Part II.	52			
<b>E11</b>	Effect of Light on Oxygen Production, effect of Chlorophyll & Carbon Dioxide on Oxygen production & Starch Formation, Plants Make Food, Photosynthesis.	56	<b>E55</b>	Introduction to Dissection, Work of Kidneys	42
<b>E12</b>	Circulation of the Heart, Respiratory, Reproductive & Nervous System.	50	<b>E103</b>	Human Brain Part-I: The Self	50
			<b>E104</b>	Human Brain Part-II: Language	50
			<b>E105</b>	Human Brain Part-III: Fear	50
			<b>E106</b>	Human Brain Part-IV: Memory	50
			<b>E107</b>	Human Brain Part-V: Seeing	50
			<b>E108</b>	Human Brain Part-VI: Madness	50

BIOLOGY MODELS

BOTANY MODELS

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Each Model size 60 x 45 cm Price Rs. 1100.00 each



**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**

• Price Rs. 2350.00

- 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**

• Price Rs. 2350.00

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



**ZX-2501E**

**Dicot Seed Germination**

• Price Rs. 2350.00

- 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**

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- Model is a set of 19 piece.
- Model is mounted on board to show the life cycle of an angiosperm.
- Size : 60x45x3 cm.
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**BMF01** Typical Flower

**BMF02** Liliaceae Flower

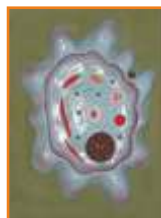
**BMF03** Rosaceae Flower

ZOOLOGY MODELS

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**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

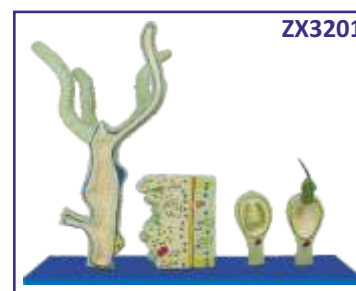
**BMZ20** Life Cycle of Tapeworm



**ZX-3200E Tape Worm**

• Price Rs. 4700.00

- Set of 8 pieces model shows scolices of beef tapeworm (Taenia Saginla), 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**

• Price Rs. 1650.00

- 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.



**SPECIAL MODELS ON HUMAN ANATOMY**

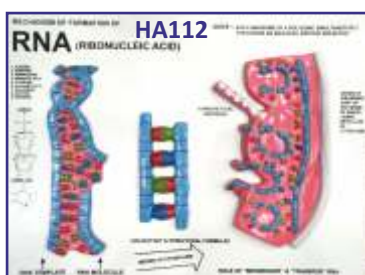
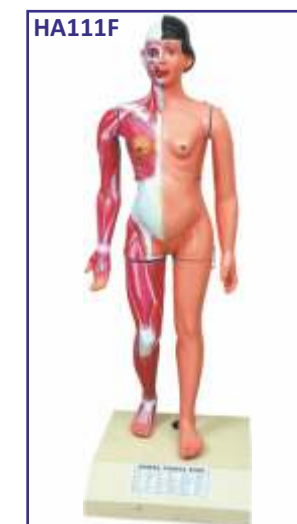
- HA101A HUMAN BODY TORSO** - Torso with head with detachable internal structure of Head and neck, Organs of Thorax and abdomen cavities of the viscera can be emptied, for study of blood vessels. Dissectable in 12 parts made of Fibre Glass painted in natural colours. Made of Fiber Glass. Magnetic. Life Size **Rs. 6500.00**
- 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. **Rs. 4300.00**
- HA102 Human Body** - Torso Small size **Rs. 1300.00**
- HA103 HUMAN SKELETON** - Life size made of fibre glass. All the bones shoulder & hip joints clearly depictable **Rs. 2640.00**
- HA103S Stand for above** **Each Rs. 1400.00**
- HA104 HUMAN SKELETON** - Plastic size 70 cm with stand. **Rs. 600.00**
- HA105 HUMAN SKELETON** - Plastic size 40 cm with stand. **Each Rs. 130.00**
- HA106 Dummy with Doll** made of Fibre Glass **Each Rs. 3500.00**
- HA106A Dummy Baby for Dummy with Doll** **Each Rs. 1000.00**
- HA107 Female Pelvis** with child **Each Rs. 1100.00**
- HA108 Female Pelvis** with reproductive organs **Each Rs. 1200.00**



- HA109 Delivery Process Models** set of 8 **Set Rs. 6800.00**
- HA110 Development of Fetus/Embryo** set of 9 **Set Rs. 3200.00**



- HA110L Development of Fetus/Embryo** set of 9 Large size **set Rs. 7500.00**
- HA111F Full Size Human Female Body** Fibre Glass Showing organs & muscles **Each Rs. 30000.00**
- HA111M Full Size Human Male Body** Fibre Glass Showing organs & muscles **Each Rs. 30000.00**
- HA112 RNA** 60 x 45 cm **Each Rs. 1100.00**
- HA113 DNA** 60 x 45 cm **Each Rs. 1100.00**
- HA116 Human Placenta Model** made of Fiber Glass **Each Rs. 1300.00**



**SPECIAL MODELS ON HUMAN ANATOMY**

**Dissectable Models (Fibre Glass)**

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- HA128 Human Ear**
- HA129 Human Brain**
- HA130 Human Kidney**

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**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**

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- Each Rs. 1100.00
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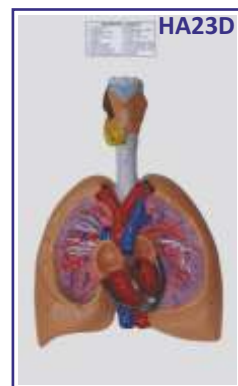
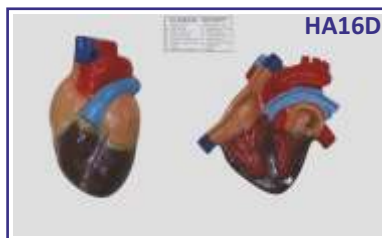
- HA201 Nursing Manikin Female** Made of Fibre Glass Life Size
- HA202 Nursing Manikin Male** Made of Fibre Glass Life Size

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**HUMAN ANATOMY 3-D MODELS**

**Deluxe Quality, Made of Fiber Glass, Mounted on Wooden Board**  
**Size 30 × 50 cm Price Rs. 500.00 each**



- 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**



## YOGASAN CHARTS

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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, Ghriti 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, Shavasana.
- 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, Shalbhisan, Dhanurasan & Mayurasan:** Abdominal Organs are toned up. Spine is strengthened. Remove Gastic Intestinal disorders etc. Mental Powers are developed.
- YO08 Pawan Muktasan & 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, Nadishodan 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.

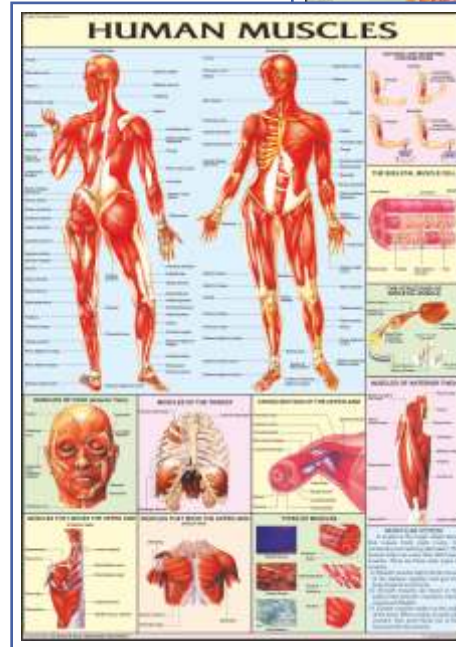


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Each Size 70 × 100 cm.

(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 |

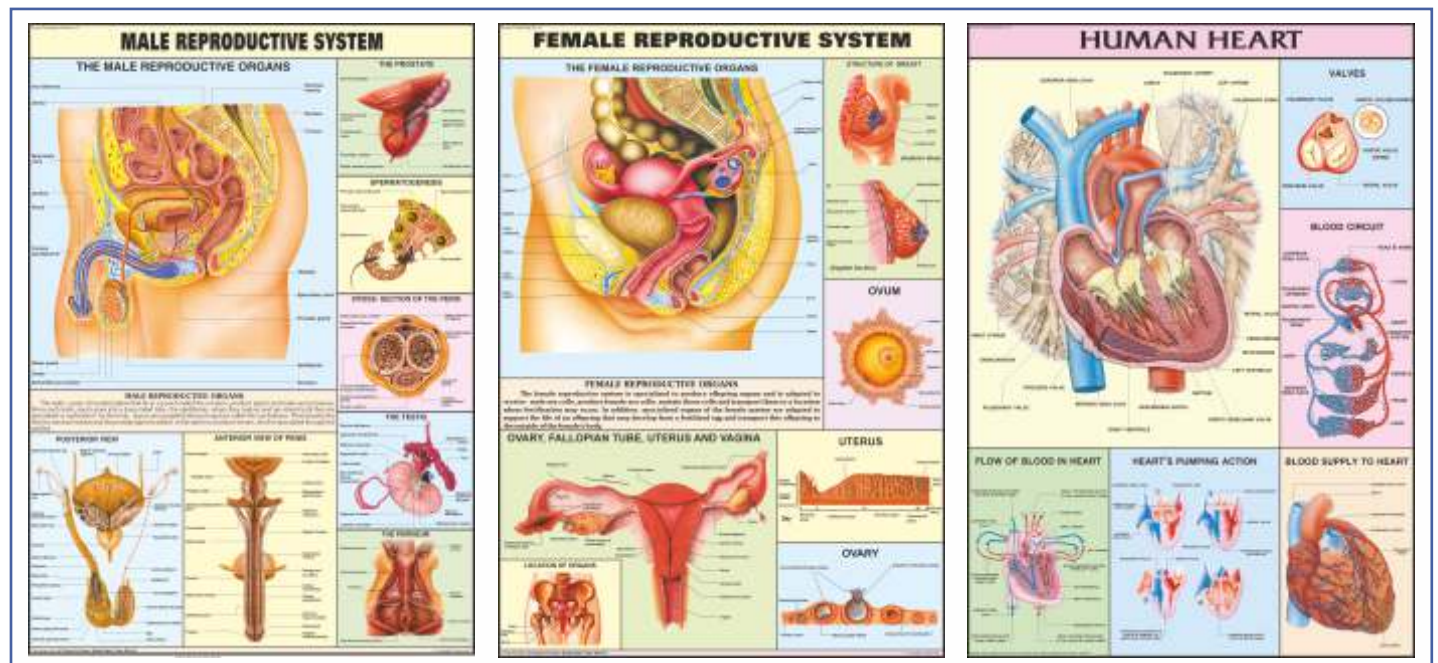


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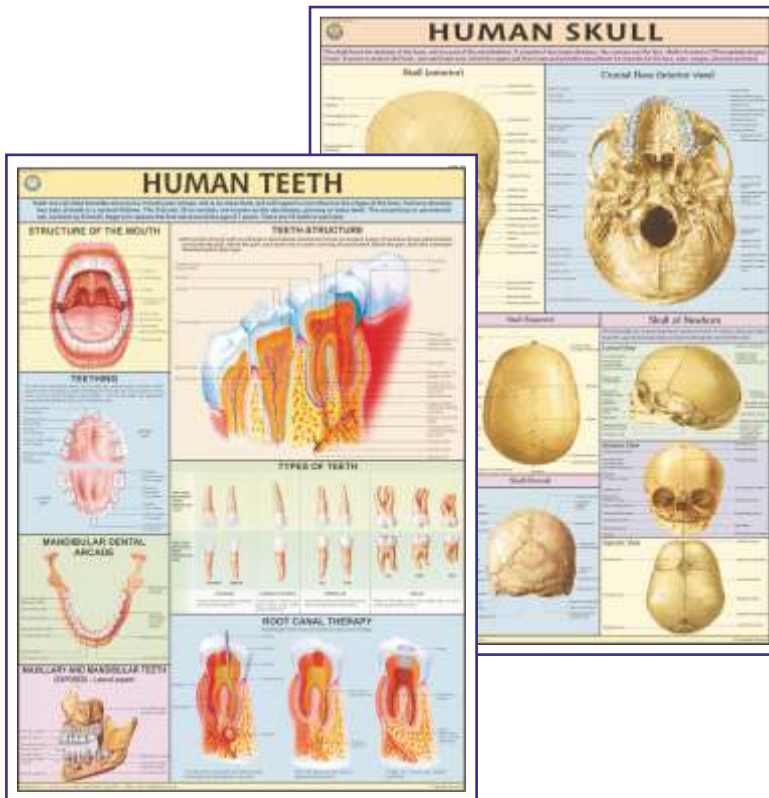


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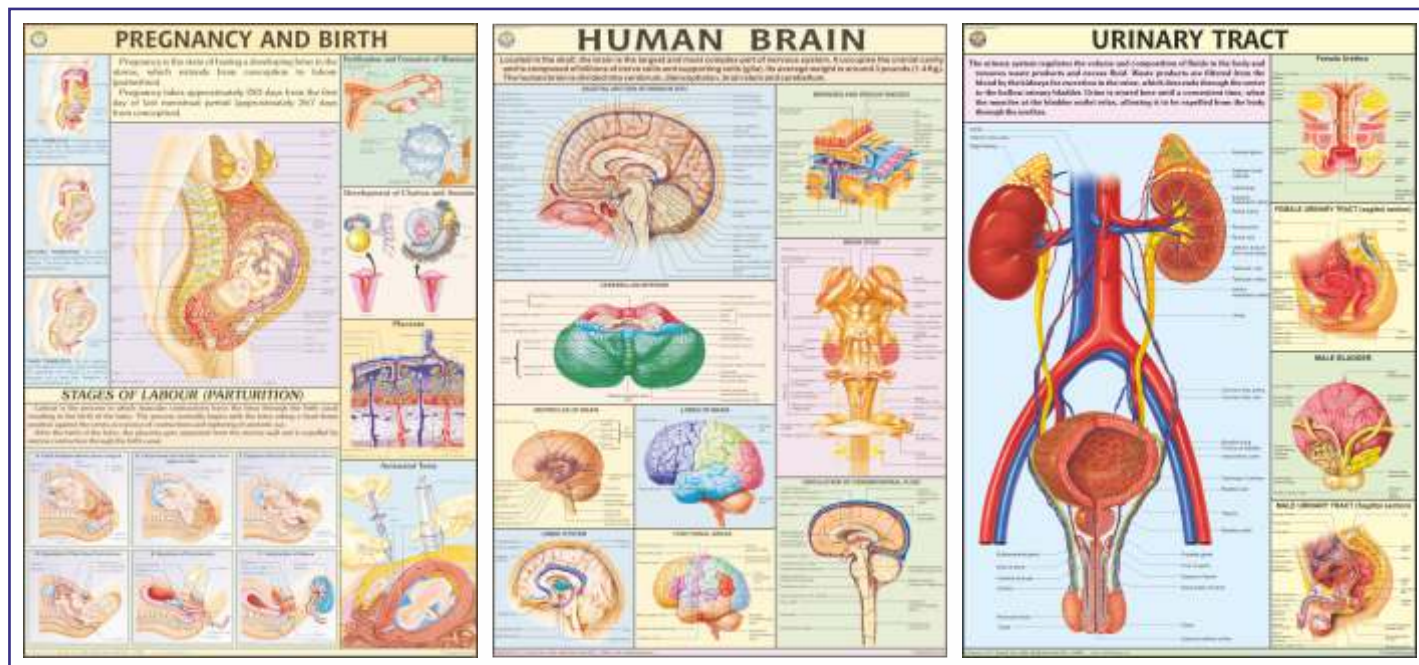
(English Only)

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



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

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- 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, Silvestor'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.*



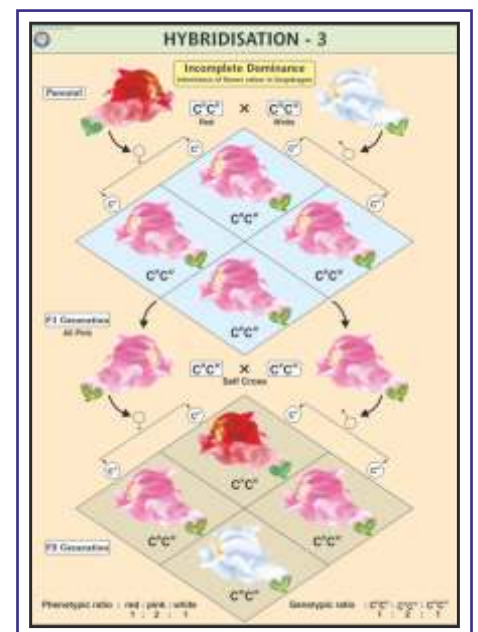
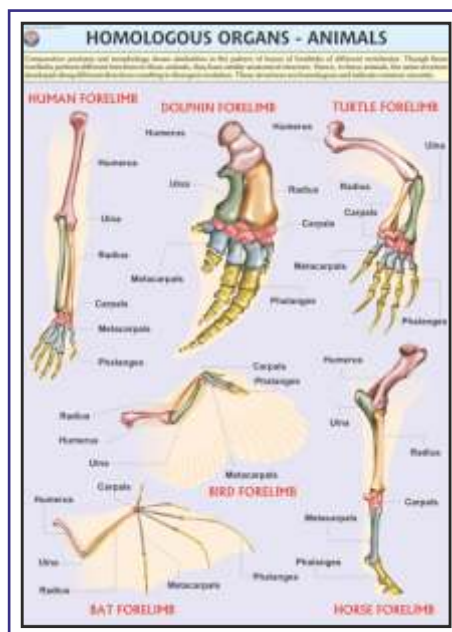
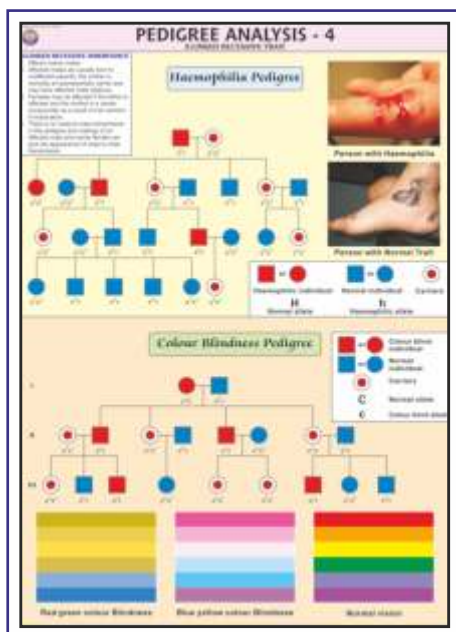
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- GE01S Pedigree Analysis - 1** : showing standard symbols used in Pedigree Analysis and Sample Pedigree.
- GE02S Pedigree Analysis - 2** : showing Autosomal Dominant Trait Pedigree such as Myotonic Dystrophy and Tongue Curler Pedigree.
- GE03S Pedigree 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.



CHARTS ON FOOD AND NUTRITION

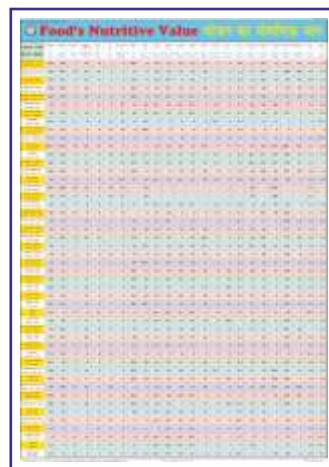
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- FN01 OUR FOOD** : Chart shows various components and functions of food. It also illustrates food pyramid mentioning balance diet and daily requirement of nutrients by different age groups.
- FN02 PROTEINS** : Chart shows both animal and plant sources of protein. It also explains various functions performed by proteins in our body and some special conditions of high protein needs.
- FN03 FATS** : Chart shows a brief classification of fats with a mention of essential fatty acids. It also shows some of the important functions and sources of fats.
- FN04 CARBOHYDRATES** : Chart shows classification of carbohydrates as simple and complex with their various functions in the body. It also shows various foods rich in carbohydrates.
- FN05 VITAMINS** : Good explanatory chart depicting both fat soluble and water soluble vitamins with their various sources and reasons of requirement in the body.
- FN06 MINERALS** : Important minerals like Sodium, Iron, Calcium, Iodine etc. required in our body to live a healthy life are shown in the chart. Chart also shows various functions they perform and their sources.
- FN07 WATER & ROUGHAGE** : Chart shows the importance of water and roughage and some major functions performed by them in the body. Chart also gives a good knowledge about their sources.
- FN08 DEFICIENCY DISEASES** : Chart shows the havoc conditions 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.

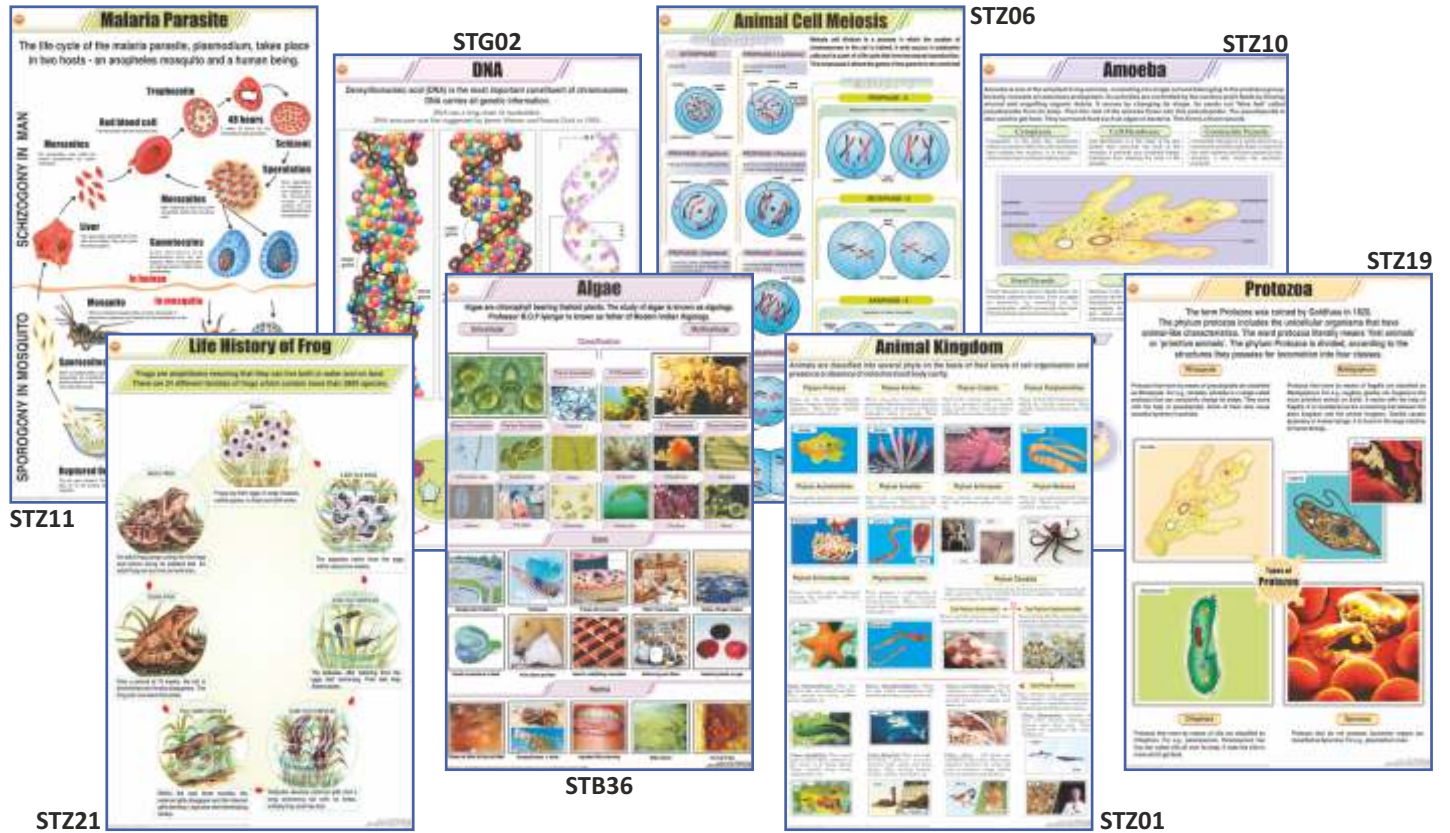




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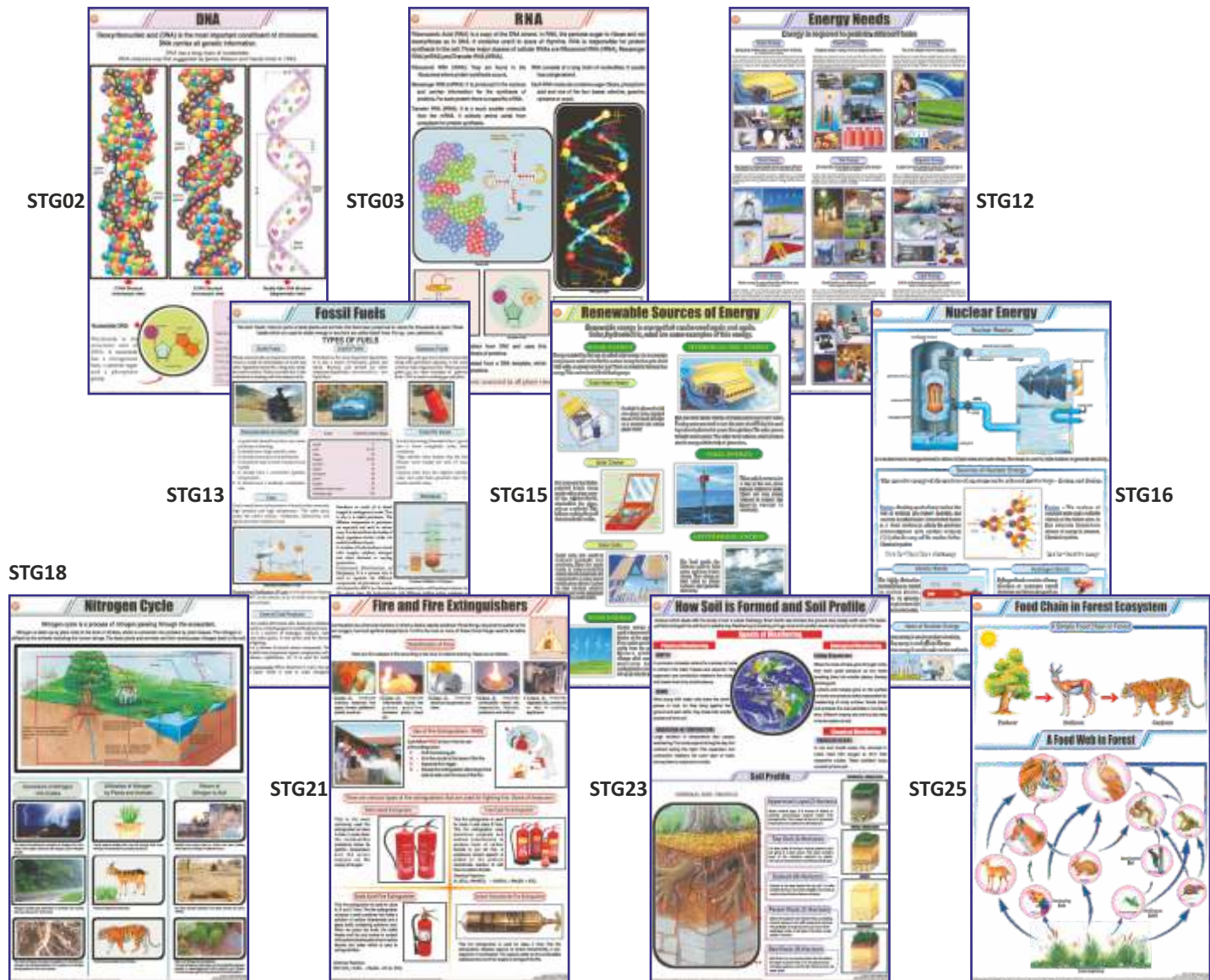
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- STB01 Plant Kingdom
- STB02 Typical Plant
- STB03 Typical Plant Cell
- STB04 Plant Cell Organelles
- STB05 Plant Tissues
- STB06 Plant Cell Mitosis
- STB07 Plant Cell Meiosis
- STB08 T. S. Stem - Monocot
- STB09 T. S. Dicot Stem (Sunflower)
- STB10 T. S. Root - Monocot
- STB11 T. S. of Dicot Root
- STB12 T. S. Leaf - Monocot
- STB13 T. S. Leaf - Dicot
- STB14 Types of Leaves
- STB15 Root Systems
- STB16 Structure of Flower
- STB17 Calyx and Corolla
- STB18 Inflorescences
- STB19 Fruits
- STB20 The Seed : Structure & Germination
- STB21 Germination of Seed : Bean &Pea
- STB22 Dispersal of Fruits & Seeds
- STB23 Photosynthesis
- STB24 Plant Diseases
- STB25 Reproduction in Plants
- STB26 Pollination
- STB27 Double Fertilization
- STB28 Artificial Vegetative Propagation
- STB29 Stem Modifications
- STB30 Root Modifications
- STB31 Hydrophytes
- STB32 Mesophytes
- STB33 Xerophytes
- STB34 Insectivorous Plants
- STB35 Fungi
- STB36 Algae
- STB37 Viruses
- STB38 Bacteria
- STB39 Life Cycle of Fern
- STB40 Life Cycle of Moss
- STB41 Spirogyra
- STB42 Life Cycle of Mushroom
- STB43 Leaf Modification
- STB44 Parasitic Plants
- STB45 Mucor : Structure & Reproduction
- STB46 Regions of Root
- STZ01 Animal Kingdom
- STZ02 Animal Cell
- STZ03 Animal Cell Organelles
- STZ04 Animal Tissues
- STZ05 Animal Cell Mitosis
- STZ06 Animal Cell Meiosis
- STZ07 Gametogenesis in Animals
- STZ08 Fertilization in Animals
- STZ09 Protozoa
- STZ10 Amoeba
- STZ11 Malaria Parasite
- STZ12 Paramoecium
- STZ13 Hydra
- STZ14 Liver Fluke
- STZ15 Tapeworm
- STZ16 Roundworm (Ascaris)
- STZ17 Hookworm
- STZ18 Life History of Mosquito
- STZ19 Life Cycle of Butterfly
- STZ20 Life History of Housefly
- STZ21 Life History of Frog
- STZ22 Human Blood
- STZ23 Body's Defense
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- STZ27 Fish Anatomy
- STZ28 Birth of a Bird's Chick
- 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
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- STZ35 Vertebrate Classes
- STZ36 Sense Organs
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- 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

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- STG02 DNA
- STG03 RNA
- STG04 Levels of Organization
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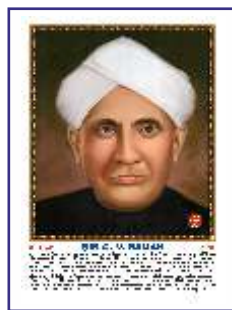
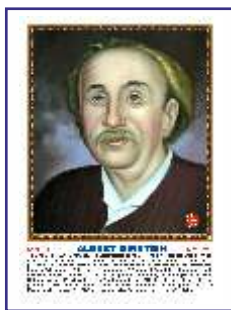
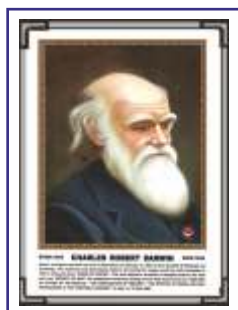
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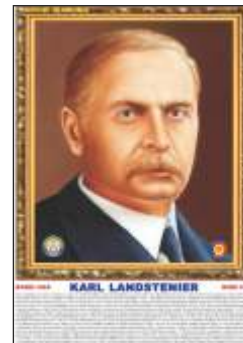
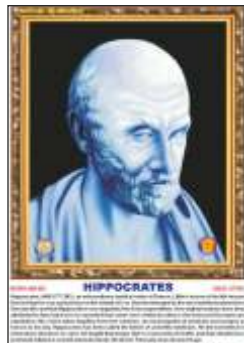
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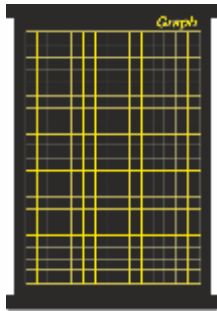




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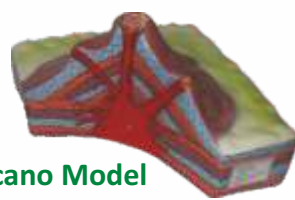
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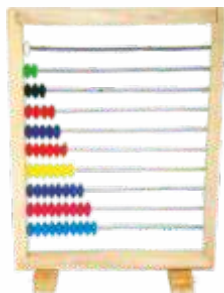


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-	⊥
+	∥
≠	∞
×	∩
÷	∪
≈	∴
≠	∵
≅	∴
∝	∴
>	∴
<	∴
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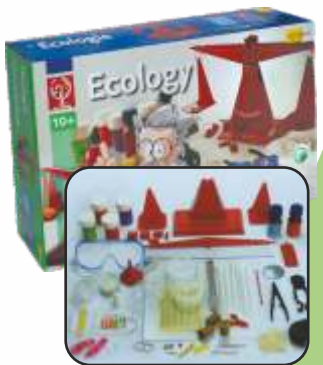
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