

# **MEDICAL CATALOGUE**

2016

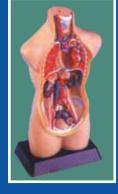
## **MODELS ON-**

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

## -CHARTS ON

- Yogasan
- Nurse Training
- Food & Nutrition
- Health & Hygiene
- Scientist Portraits
- First Aid Anatomy
- Human Physiology
- Health & Diseases
- Genetics & Evolution
- Science & Technology
- And Many More...















## Dear Patron,

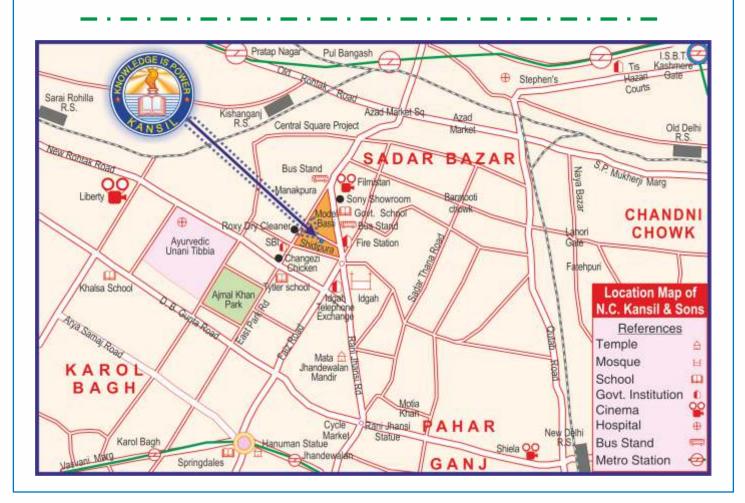
We present our catalogue for 2016 with great pleasure and confidence as our products are far superior and effective than those of others. Again the variety is really very great.

This year we have added models on Community Health and Environmental Sanitation which were either not available or were of a very poor quality.

We have also imported an economical CPR Manikin with additional feature of both adult and child CPR in one manikin and is suited to every budget.

Still we seek your advice and cooperation in further expanding the scope of range. We are sure that all the articles will be very useful for your institution.

Thanking you and assuring you of our best services,



## CONTENTS

Important Nursing Charts1-2
Newly Introduced Digital Charts3
Anatomical Charts from USA4-6
Bones & Skeleton Models
Human Torso Models11
Digestive System & Related Models12
Heart, Circulatory System & Eye13
Skin & ENT14
Brain, Nervous System & Related Models15
Respiratory System & Dental Models16
Excretory System & Related Models17
Reproductive System & Related Models18
Gynae & Obstetric Models19-22
Ovary, Embryo, Placenta, Fetus, Fertilization19 Development of Fetus, Delivery Mechanism20 Vacuum Delivery, Gynae Examin. & Training21 Episiotomy Training, Vulva Suturing Training22 Maternity Examination, Labour Delivery
Ovary, Embryo, Placenta, Fetus, Fertilization19 Development of Fetus, Delivery Mechanism20 Vacuum Delivery, Gynae Examin. & Training21 Episiotomy Training, Vulva Suturing Training22
Ovary, Embryo, Placenta, Fetus, Fertilization19 Development of Fetus, Delivery Mechanism20 Vacuum Delivery, Gynae Examin. & Training21 Episiotomy Training, Vulva Suturing Training22 Maternity Examination, Labour Delivery22
Ovary, Embryo, Placenta, Fetus, Fertilization19 Development of Fetus, Delivery Mechanism20 Vacuum Delivery, Gynae Examin. & Training21 Episiotomy Training, Vulva Suturing Training22 Maternity Examination, Labour Delivery22  Advance Delivery & Emergency Simulator23
Ovary, Embryo, Placenta, Fetus, Fertilization19 Development of Fetus, Delivery Mechanism20 Vacuum Delivery, Gynae Examin. & Training

Adult CPR Manikin	
Half Body CPR Manikin28-29	
Advanced Infant CPR Manikin	
Advanced Neonatal Nursing & CPR Manikin30	
Medical Models	
Advanced Trauma Simulator	
Surgical Suturing & Bandaging Simulator30	
Central Venous Catheterization Simulator31 PICC Line Model31	
Ad. Neonatal Vein Intubation Simulator31	
Multi Functional Intravenous Injection Arm Model 31	
Full Functional Vein Injection Arm32	
I.V. Training Arm, Prostate Inspection32	
Peritoneal Dialysis Simulator32	
Surgical Suture Arm & Leg, Airway Intubation33	3
Catheterization, Intramuscular Injection Training .33	3
Breast Examination, Lymphatic System34	
Buttock Inter Muscular Injection Training Model34	
Frog Dissection Kit34	
Community Health Nursing Models35-36	
Build Your Anatomy Models36	
<b>,</b>	,
Histology & Biomolecules Models37	
	7
Histology & Biomolecules Models37	7
Histology & Biomolecules Models37 Visual Teaching Aids37-39	7 )
Histology & Biomolecules Models37  Visual Teaching Aids37-39  Biology Models40	7 ) 
Histology & Biomolecules Models	7 ) 1
Histology & Biomolecules Models	7 9 1 2 3
Histology & Biomolecules Models	7 9 1 1 2 1
Histology & Biomolecules Models	7 0 1 1 2 3 1 1
Histology & Biomolecules Models	7 ) 1 2 3 1 1 5
Histology & Biomolecules Models       37         Visual Teaching Aids       37-39         Biology Models       40         Anatomy Models       41         Charts       42-52         Detailed Human Physiology Charts       42-43         Yogasan Charts       44         Health, Hygine & Sanitation       45-46         Charts on AIDS       47	7 9 1 1 2 3 3 4 3
Histology & Biomolecules Models       37         Visual Teaching Aids       37-39         Biology Models       40         Anatomy Models       41         Charts       42-52         Detailed Human Physiology Charts       42-43         Yogasan Charts       44         Health, Hygine & Sanitation       45-46         Charts on AIDS       47         First Aid Charts       48	7 1 2 3 1 3 9
Histology & Biomolecules Models       37         Visual Teaching Aids       37-39         Biology Models       40         Anatomy Models       41         Charts       42-52         Detailed Human Physiology Charts       42-43         Yogasan Charts       44         Health, Hygine & Sanitation       45-46         Charts on AIDS       47         First Aid Charts       48         Genetics & Evolution Charts       49	7 9 1 2 3 1 3 9
Histology & Biomolecules Models       37         Visual Teaching Aids       37-39         Biology Models       40         Anatomy Models       41         Charts       42-52         Detailed Human Physiology Charts       42-43         Yogasan Charts       44         Health, Hygine & Sanitation       45-46         Charts on AIDS       47         First Aid Charts       48         Genetics & Evolution Charts       49         Charts on Food & Nutrition       50         Science & Technology Charts       51-52	7 0 1 2 3 1 1 3 9 9 9
Histology & Biomolecules Models       37         Visual Teaching Aids       37-39         Biology Models       40         Anatomy Models       41         Charts       42-52         Detailed Human Physiology Charts       42-43         Yogasan Charts       44         Health, Hygine & Sanitation       45-46         Charts on AIDS       47         First Aid Charts       48         Genetics & Evolution Charts       49         Charts on Food & Nutrition       50         Science & Technology Charts       51-52         Portraits       53-54	2 3 1 3 3 9 9
Histology & Biomolecules Models       37         Visual Teaching Aids       37-39         Biology Models       40         Anatomy Models       41         Charts       42-52         Detailed Human Physiology Charts       42-43         Yogasan Charts       44         Health, Hygine & Sanitation       45-46         Charts on AIDS       47         First Aid Charts       48         Genetics & Evolution Charts       49         Charts on Food & Nutrition       50         Science & Technology Charts       51-52         Portraits       53-54         Scientists       53	7 0 1 2 3 3 1 3 9 9 9 9 1 1 3 1 3 1 3 1 3 1 3 1
Histology & Biomolecules Models       37         Visual Teaching Aids       37-39         Biology Models       40         Anatomy Models       41         Charts       42-52         Detailed Human Physiology Charts       42-43         Yogasan Charts       44         Health, Hygine & Sanitation       45-46         Charts on AIDS       47         First Aid Charts       48         Genetics & Evolution Charts       49         Charts on Food & Nutrition       50         Science & Technology Charts       51-52         Portraits       53-54	77 33 33 33 33 33 44

## Some Tips to Study the Catalogue

- Welcome! You are about to enter the wonderfully exciting world of Teaching Aids. 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 Teaching Learning material has been very well arranged subjectwise and where ever necessary we have given cross references.
- 5. Applicability of Value Added Tax or CST and other overhead expences have been mentioned below. Please go through the same.
- 6. It may be stated that the division of the catalogue is just for the sake of convenience. You may place your requirements with us all in one lot.

## **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:
  - a. The size & language of the map, chart, model or globe required by you.
  - b. Your nearest Railway Station and the name of your bankers.
- 3. The prices mentioned are nett, Ex-godown. Packing, Forwarding and Transportation charges extra. Maps, Charts and Globes are exempted from Value Added Tax/Central Sales Tax. On other articles VAT/CST @ 12.5% is extra.
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- 5. Images shown in the catalogue are for reference only. It may differ in colour or shade from actual product.
- 6. All disputes subject to Delhi Courts Jurisdiction only.

## IMPORTANT NURSING CHARTS

#### Size 51 × 66 cm

#### CODE NO. NAME OF THE CHART

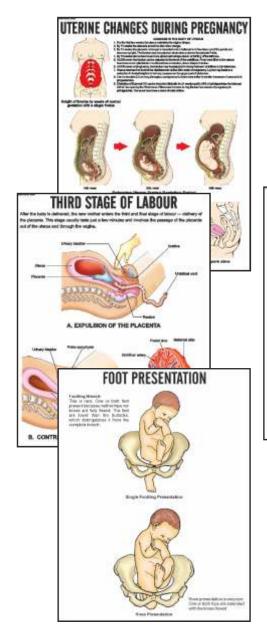
INC01	Breast Changes in Pregnancy
INC02	Uterine Changes in Pregnancy
INC03	First Stage of Jabour

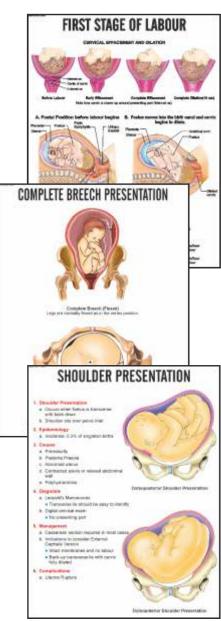
INC03 First Stage of labourINC04 Second Stage of labourINC05 Third Stage of labour

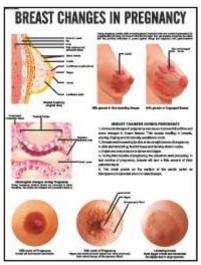
INC06 Complete Breech Presentation
INC07 Incomplete Breech Presentation

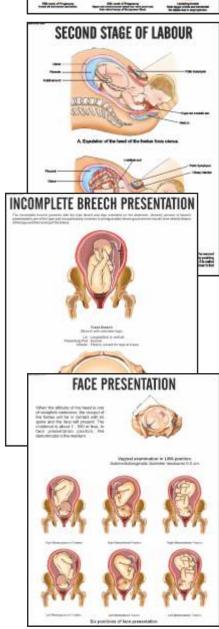
INC08 Foot PresentationINC09 Shoulder PresentationINC10 Face Presentation

Rigid lamination on board with aluminium frame Each Rs. 800.00









#### CODE NO. NAME OF THE CHART

INC11 Brow PresentationINC12 Twin PregnancyINC13 Placenta Praevia

INC14 Caput Succedaneum, Cephalhaematoma INC15 Congenital Malformation of New Born

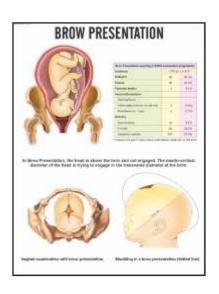
INC16 Cleft lip-Palate INC17 Spina Bifida INC18 Hydrocephalus INC19 Anencephalus

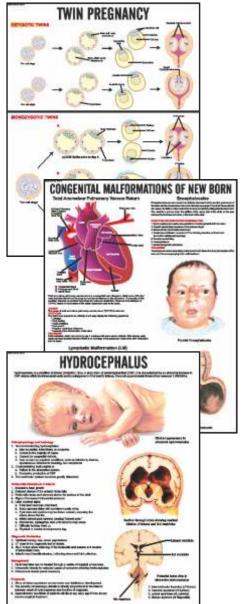
INC20 Breast Self Examination

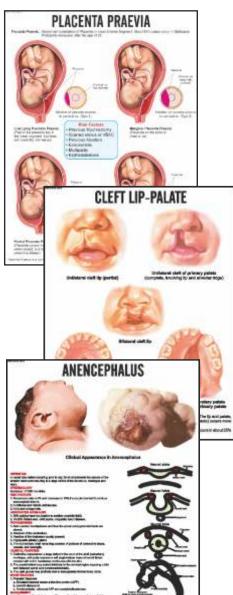
Rigid lamination on board with aluminium frame Each Rs.800.00

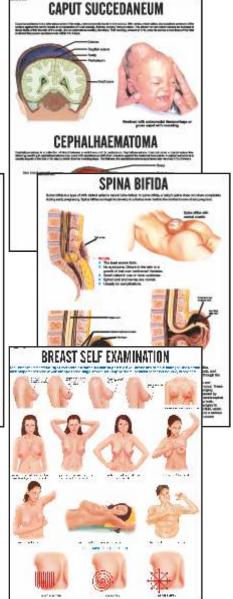
All the above charts in flexible lamination fitted with rollers

set of 20 per set Rs. 10,000.00









## **NEWLY INTRODUCED CHARTS**

Size: 51 x 66 cm

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

each Rs. 800.00 each Rs. 500.00

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

DMN200 Blood Circulatory System

**DMN201** Reproductive System

DMN400 CPR Infant DMN401 CPR Child

DMN402 CPR Adult

**DMN700** Stages of Human Development

DMN701 Cross Sectional Anatomy : Thoracic Vicera
DMN702 Cross Sectional Anatomy : Abdominal Vicera

DMN703 Cross Sectional Anatomy: Pelvic Vicera

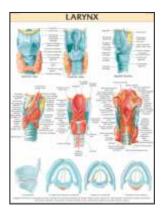




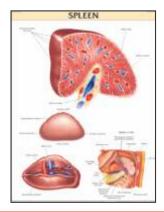




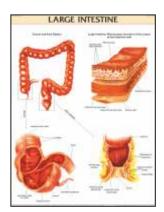












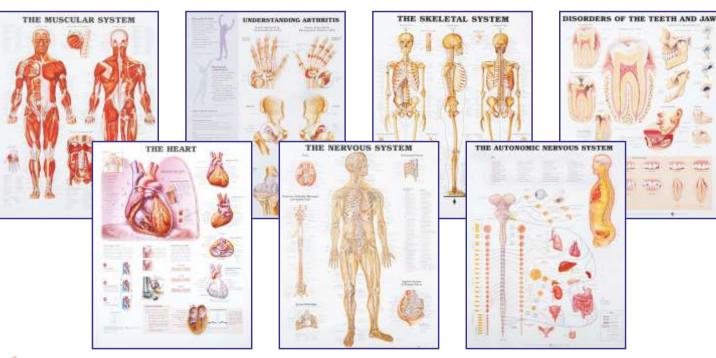
## **ANATOMICAL CHARTS**

#### Printed by Anatomical Chart Co. USA

## Rigid Lamination on board with Aluminium frame Rs. 1550.00 each Flexible laminated with rollers Rs. 1100.00 each

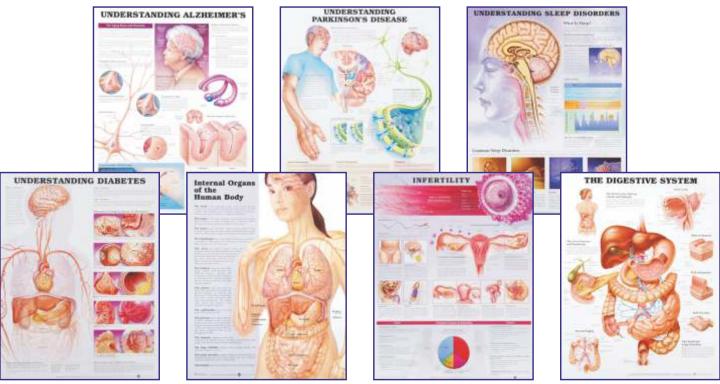
- Just the right level of detail for medical professionals, patients, students, and other specialists.
- At -a-glance format that speeds learning.
- Clearly labeled anatomical features that eliminate confusion.
- Striking colourful images that capture and hold attention.
- Enlarged views of key organs and structures.
- And each chart is comprehensive, allowing for complete learning that's always enjoyable and accessible- never overwhelming.

MUSCULAR	R SYSTEM	AC9872	Knee Injuries
AC8946	The Muscular System	AC9781	Hip and Knee Inflammations
AC8947	The Female Muscular System	AC9795 AC8379	Foot & Ankle
<b>SKELETON</b>	<u>I SYSTEM</u>	AC6379 AC9839	Anatomy & Injuries of the Foot & Ankle Understanding Pain
AC2425	Understanding Low Back Pain	AC9932	Temporomandibular Joint (TMJ)
AC9850	The Verterbral Column	AC9931	Anatomy of the Teeth
AC9881	Understanding Osteoporosis	AC9866	Disorders of Teeth & Jaw
AC9970	Human Spine Disorders	WEIGHT AI	ND DIET
AC9990	Head & Neck	Ac3201	Understanding Your Weight
AC9989	Whiplash Injuries of the Head & Neck	AC9779	Maintaining a Healthy Weight
AC9991	The Human Skull		
AC9793	Ligaments of the Joints	AC9776	Risks of Obesity
AC9803	Understanding Arthritis	AC2226	BMI & Waist Circumference
AC9790	Hand and Wrist	AC9894	Keys to Healthy Eating
AC8943	The Skeletal System	AC9778	Metabolic Syndrome
AC9791	Understanding Carpal Tunnel syndrome	<b>HEART AN</b>	D CIRCULATORY SYSTEM
AC9138	Anatomy & Injuries of the Hand & Wrist	AC9103	High Cholesterol
AC9799	Shoulder and Elbow	AC9767	Hypertension
AC9800	Anatomy and Injuries of the Shoulder	AC9882	Understanding Cholesterol
AC9780	Hip and Knee	AC9798	Understanding Hypertension
AC9802	Anatomy and Injuries of the Hip		- · · ·
AC6669	Anatomy and Injuries of the Spine	AC8953	Deep Vein Thrombosis
, 100000	And the injurious of the Opinio	AC8952	The Vascular System and Viscera



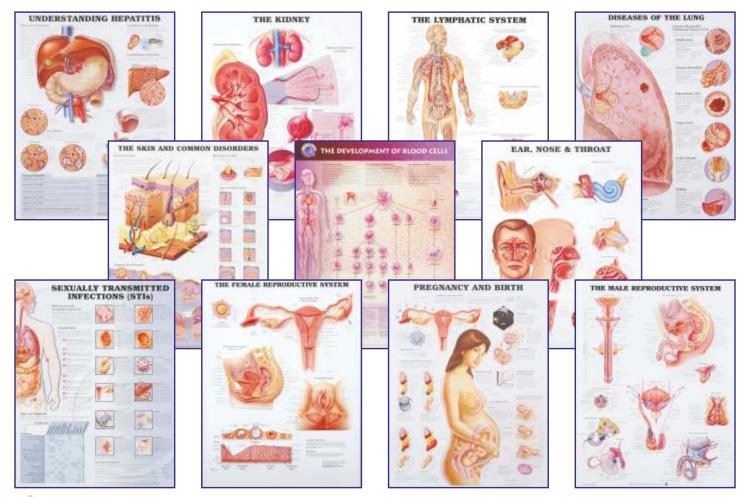
# Printed by Anatomical Chart Co. USA Rigid Lamination on board with Aluminium frame Rs. 1550.00 each Flexible laminated with rollers Rs. 1100.00 each

AC9878	Anatomy of the Heart	THE DIGESTIVE SYSTEM		
AC8023	The Heart	AC9731	Understanding Ulcers	
AC9912	Heart Disease	AC9965	Gastroesophageal Disorders and	
AC8824	Heart Conditions		Digestive Anatomy	
AC9915	Cardiovascular Disease	AC3331	Understanding Colorectal Cancer	
<b>NERVOUS</b>	<u>SYSTEM</u>	AC2146	Understanding Irritable Bowel Syndrome	
AC8949	The Nervous System	AC9859	The Digestive System	
AC8024	The Spinal Nerves	AC9861	Diseases of the Digestive System	
AC8026	Autonomic Nervous System	AC9960	The Liver	
AC8022	Dermatomes	AC0924	Understanding Liver Cancer	
AC9974	Understanding Depressions	AC9992	Understanding Hepatitis	
AC9979	Migraines and Headaches	AC9696	Dangers of Alcohol	
AC9921	Anatomy of the Brain	AC2160	Understanding Pancreatic Cancer	
AC9920 The Brain		URINARY SYSTEM		
AC9868	Understanding Stroke	AC9951	The Kidney	
AC9976	Understanding Alzheimer's	AC9796	The Urinary Tract	
AC9978	Understanding Parkinson's Disease	AC6508	Understanding Kidney Cancer	
AC9716	Understanding Multiple Sclerosis	AC9797	Diseases of the Urinary Tract	
AC9197	Understanding Sleep Disorders	AC2241	Understanding Prostate Cancer	
AC9867 Understanding Epilepsy		LYMPHATIC SYSTEM		
<u>DIABETES</u>		AC8937	The Lymphatic System	
AC9753	Understanding Type 2 Diabetes	RESPIRATORY SYSTEM		
AC9754	Understanding Type 1 Diabetes	AC3232	Understanding Lung Cancer	
AC9755	Understanding Diabetes	AC9766	The Respiratory System	
THE ENDOCRINE SYSTEM		AC9783	Chronic Obstructive Pulmonary	
AC831X	Thyroid Disorders		Disease (COPD)	
AC9720	The Endocrine System	Ac9768	The Respiratory System and Asthma	
AC828X	Internal Organs of the Human Body	AC9862	Understanding Asthma	
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AC9865	Dangers of Smoking	HIV & AID	<u>s</u>
AC9864 AC9875 AC8859	Understanding Allergies Understanding the Common Cold Understanding Influenza	AC9765 AC9760	Sexually Transmitted Infections Understanding HIV & AIDS
AC9073	Diseases of the Lung	<b>EYE</b>	
AC9774 AC9775	Understanding Bacterial Infections Understanding Viral Infections	AC9694	The Eye: Anterior and Posterior Chambers
<u>SKIN</u>		AC9695	Disorders of the Eye
AC9940 AC9998	The Skin & Common Disorders Understanding Skin Cancer	AC9286 AC9691	Understanding Glaucoma The Eye
AC9942	The Human Hair	<b>GYNAEC</b>	DLOGY AND REPRODUCTIVE SYSTEM
IMMUNE S	SYSTEM	Ac2333	Understanding Ovarian Cancer
AC9730	The Immune System : Allergic Response	AC6547 AC9758 AC9759	Understanding Cervical Cancer Understanding Breast Cancer Benign Breast Disease
AC9772	The Development of Blood Cells	AC9977	Understanding Menopause
AC9761	Understanding Leukemia	AC9652	The Female Reproductive System
AC9756	Understanding Cancer	AC9981 AC3508	Pregnancy & Birth Common Gynecological Disorders
EAR, NOS AC9891	SE AND THROAT  Anatomy of the Inner Ear	AC9740	Infertility
AC9893	Middle Ear Conditions	AC9863	The Prostate
AC9890	The Ear - Organs of Hearing and	AC9672	The Male Reproductive System
	Balance	AC9673	Understanding Erectile Dysfunction
AC9895	Ear, Nose & Throat	AC2166 AC2265	Female Breast Anatomy Prenatal Development
AC9879	Pharynx & Larynx	, 102200	1 Torratar Dovolopinont



## **BONES & SKELETON MODELS**

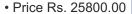


#### XC-101 Human Skeleton

- Size: 170 cm life size.
- Made of PVC plastic.
- Removable arms and legs.
- Features nerve branches, vertebral artery and hemiated 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.
  - Price Rs. 14400.00

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

- Life size 170 cm
- With muscles & ligaments
- On pelvic mounted stand with 40cm 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 and three removable lower teeth.
- · Washable & Unbreakable
- Ideal for teaching the basics of human anatomy.



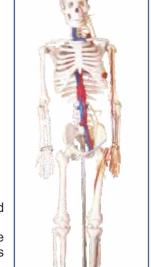
XC-102B





#### SK-160 Skeleton with Stand

- Real life model
- Size 170 cm
- · Durable parts
- Stand with wheel
- Can be employed as a visual aid in the instruction of anatomy to students of medicine.
  - Price Rs. 25000.00



XC-102B Human Skeleton

- Size 85cm Medium.
- Made of PVC plastic.
- Shows nerves and blood vessels.
- Depicts the position, course and distribution of main arteries and peripheral nerves
- Can be employed as a visual aid in the instruction of anatomy to students of medicine.
  - Price Rs. 4750.00



Sk046 Mini Skeleton

- Real life Model
- Detachable joints
- Durable Parts
- ABS Stand
- Size: 46 cm(18")
  - Price Rs. 1350.00



#### XC-126 Vertebral with **Pelvis & Femur Heads**

- · Life size model
- Shows all significant features of each vertebra, including spinal cord, nerve roots, the vertebral artery, a herniated disc and vertebral notch etc.
- Ideal teaching model for students, orthopedic surgeons and other medical professionals.
- Special features: inflexible 72cm tall vertebral column complete with pelvis, femur heads, sacrum, occipital bone, vertebral artery, all nerve branches and herniated lumbar disc.
- Deluxe chrome stands 85 cm high.

• Price Rs. 5350.00



#### XC-105C **Didactic Flexible** Vertebral Column with Pelvis

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

• Price Rs. 5800.00

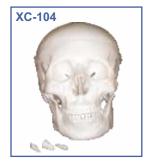




#### XC-130B Disarticulated Painted Skeleton Model

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

• Price Rs. 16400.00



#### XC-104 Life Size Skull

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

• Price Rs. 1950.00



#### XC-130 **Disarticulated** Skeleton

- 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.
  - Price Rs. 10000.00



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

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

• Price Rs. 2700.00



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

- This Model is based on XC-140D, includes 8 parts brain: frontal and parietal lobe, temporal and occipitallobe, encephalic trunk and cerebellum.
  - Price Rs. 4300.00



#### ZX-1202 Human Skull Model Dx.

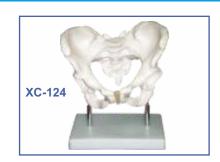
- · Made of high grade synthetic polymer having long durability.
- Size: Natural size.
- Dissectible into 3 parts with moveable jaw, cut calvarium.
- · Well illustrated and informative.
- · Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert quidance.
- Model is a great teaching tool for anatomy lessons.

• Price Rs. 3400.00





**XC-123 Adult Male Pelvis** 

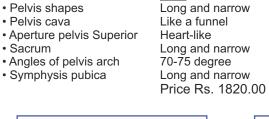


XC-124 **Adult Female Pelvis** 



ZX-1201 **Human Fetal Skull** 

- · Made of HSP resin having long durability.
- · Natural size. Movable lower jaw.
- Total 41 parts labeled.
- Beautifully painted in colours.
- Showing incomplete ossification of skull bones, fontanelles, frontal and parietal eminences, various skull bones like occipital, temporal, sphenoid, frontal, mandible and maxilla.
  - Price Rs. 1500.00



Male

Short and broad Like a barrel Rounded Broad and short 90-100 degree Short and broad Price Rs. 1820.00

**Female** 

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



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

Natural size

following:

- Made of PVC plastic
  - Price Rs. 2650.00



**Birth Demonstration Model** 

- Female Pelvis with miniature skull
- Natural size
- Made of PVC plastic

Price Rs. 2650.00



GD/A11115 Infant Skull

- Material: Advanced PVC.
  - Price Rs. 4450.00

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

· Made of HSP resin having long durability.

- ZX-1601
- Size: 30x20x16 cm.
- Total 19 positions are shown.
- 3-D section of a lamellar bone.
- Model shown various planes in cross and logitudinal section.
- The model helps to understand the

typical elements of a lamellar bone along with • These life size models the Volkmann and Haversian system, spongy and compact parts, endosteum, cortical substance and osteocytes.

• Rs. 4500.00



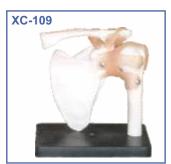
XC-325 **Palm Anatomy** 

- show the superficial and internal structures of the palm. Set of 4 Models
  - Price Rs. 3950.00



#### XC-326 Normal, Flat and Arched Foot

- · This model shows the anatomical structure and the distal end of tibia of normal, flat and arched foot. Set of 3 models.
  - Price Rs. 5100.00



#### XC-109 Shoulder Joint

- Size: 16 × 12.5 × 20cm. Life Life size, on stand. size.
- Ball and socket joint.
- To illustrate abduction, adduction, anteversion, retroversion & internal/ external rotation.
- Includes flexible artificial ligaments.
  - Price Rs. 1300.00

#### XC-110 Hip Joint

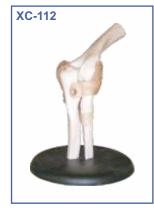
- Ball and socket joint
- · Demonstrates anteversion, retroversion, abduction & internal/external rotation. Includes flexible, artificial ligaments.
  - Price Rs. 1300.00



#### **XC-111 Knee Joint**

- Size: 12.5 × 12.5 × 32cm.
- · Hinge joint.
- · Life size, on stand.
- · Demonstrates flexion, extension, and internal/external rotation. Includes flexible, artificial ligaments.
  - Price Rs. 1300.00





#### **XC-112 Elbow Joint**

- Size: 12.5 × 12.5 × 32cm.
- · Hinge joint.
- · Life size, on stand
- Demonstrates flexion, extension, and internal/external rotation of the radius.
- · Includes flexible, artificial ligaments.
  - Price Rs. 1300.00



#### **XC-113 Foot Joint**

- · The model is made of PVC.
- · Hinge joint.
- · Gliding joint.
- · Natural Size.
  - Price Rs. 1300.00

#### **XC-113A Life-Size Foot Joint with Ligaments**

- · Demonstrate all of foot functionality and the external anatomical structures. Including flexible, artificial ligaments.
- Made of PVC plastic.
- · Natural size.
  - Price Rs. 1500.00



#### XC-114

#### **Hand Joint**

- · The model is made of PVC plastic.
- · Hinge joint.
- · Saddle joint.
- Condyloid joint
- Natural size.
  - Price Rs. 1300.00





#### **XC-114A** Life-Size Hand **Joint with Ligaments**

- · Demonstrate all of hand functionality and the external anatomical structures.
- · Including flexible, artificial ligaments.
- Made of PVC plastic.
- · Natural size.
  - Price Rs. 1500.00



## **HUMAN TORSO MODEL**



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

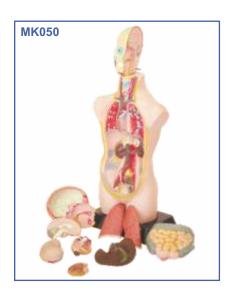
- Size: 33.5" tall (85cm), Made of PVC plastic.
- Features an exposed spine with removable vertebra and spinal cord segments.
- Interchangeable male and female genitalia.
- The female organs include a fetus in the womb.
- Dissectible into 23 parts: torso, female breast plate, head, eyeball, brain, vertebra 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.

• Price Rs. 13900.00



#### GD/A 11301/1 Male Muscle Figure 78 cms

- 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, muculartendon, ligaments, viscus, blood vessels, brain etc.
- Material: Advance PVC and painted with imported paint.
  - Price Rs. 34200.00



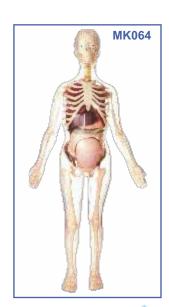
#### MK050 Human Torso

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

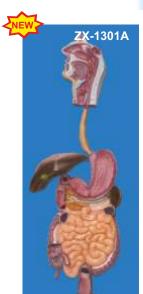
• Price Rs. 7100.00

#### **MK064** Visible Expectant Mother Anatomy Kit

- Size 55 cm
- Dissectable in 48 pieces
- · Detailed instruction manual included.
- This visible anatomy model realistically shows the important parts of human body. Learn how body works by taking the model apart and see how the different organs work together to keep us alive and healthy.
- 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.
  - Price Rs. 7200.00



## **DIGESTIVE SYSTEM**



#### ZX-1301A Human Digestive System

- · 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 for easy display.
- Beautiful painted in bright colors.

• Price Rs. 4500.00



#### GD/A 12001 Digestive System

- · 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.

• Rs. 13100.00

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

- · Made of HSP resin having long durability.
- Total 70 parts are labeled. Size: 20x15x10 cm
- The model shown different layers of stomach wall.



- Separated into 3 parts.
- Mounted on stand with base for easy display.
- Model depicts lower esophagus, associated blood vessels and sectioned duodenum and pancreas (revealing large ducts up to its aperture).
  - Price Rs. 2100.00

#### XC-306 Stomach Model

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







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

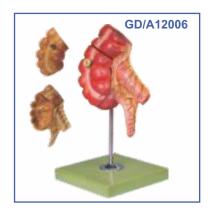
- To study the basic structure of the liver, spleen, blood vessels and pancreas.
- External structure are illustrated as well as the pancreatic duct of the pancreas.
- This model also shows the abdominal aorta and inferior vena cava.
- · Life-size. Dissectible into 3 parts.
- Made of PVC. Size:23x12.5x26cm.
  - Price Rs. 2000.00



#### XC-312 Liver Model

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

• Price Rs. 3100.00



#### GD/A12006 Appendix and Caecum

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

• Rs. 3300.00



## **HEART & CIRCULATORY SYS**



#### **ZX-1302** Human Circulatory System

- · Made of advanced HSP resin having long durability.
- · Half life sized relief model.
- Mounted on wooden base for easy display.
- Beautifully painted in bright colours.
- · Anatomically accurate teaching aid of the human circulatory system.
- · Model shows following anatomical structures : Arterial and venous system, Heart showing chambers, Lung, Liver, Spleen, Kidneys, Partial skeleton
- 81 parts labeled in total.

• Price Rs. 4500.00

#### **MK019 Pumping Heart**

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

• Price Rs. 1500.00

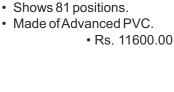


#### **PD-002 Heart Model**

- Full Size
- · Durable ABS Base

**PD002** 

- Detachable Cover Piece
- · Highly Realistic Decoration
  - Price Rs. 1850.00



GD/A16001

Circulatory System

· Shows general network of

vessels in human body.

· Mounted on board.



GD/A16001



#### XC-307 Jumbo Heart Model

- Size: 25 × 23 × 23 cm. Made of PVC plastic.
- Helps to understand the external features and internal structures of the heart, and its relation with the large blood vessels.
- Clear conception of routes of the systemic & pulmonary circulation.
- · Dissectible into 3 parts
- 4 times enlarged.

• Price Rs. 2450.00



- This model shows external features and internal structures of heart and its relation between large blood vessels.
- Dissectible into 5 parts.
- · 3 times enlarged.
  - Price Rs. 2550.00

### XC-316 **Giant Eye Model**



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

Price Rs. 2000.00

#### XC-316B Eye with Orbit



- The model shows the eyeball with optic nerves and muscles in its natural position in the bony orbit.
- Dissectible into 10 parts.
- · 3 times enlarged.
  - Price Rs. 4350.00

# XC-313

## SKIN

#### XC-313 Skin Model Enlarged

- A greatly enlarged (105 times) cross sectional view of the human skin showing three layers-epidermis, dermis, hypodermis, structures of the human scalp and a close-up view of a hair follicle, sweat gland, fatty tissue, sebaceous gland, blood vessels and nerves. Front, side and back view.
- Mounted on a plastic base.
- Size: 27 × 10 × 31cm
  - Price Rs. 2000.00

#### XC-313-2 Skin Block Model

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

• Price Rs. 3200.00

Model shows 3-D section

The model represents

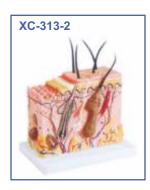
differentiated skin layers,

hair, sweat glands,

sebaceous glands, blood vessels, nerves &

of human skin.

Size: 21x10x25 cm.



ZX-1604

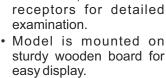
#### ZX-1401 Human Skin

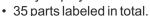
- The skin relief model of a skin. section of the head.
- · Made of HSP resin with long lasting durability.
- Size: 30x35 cm
- · Delivered on sturdy wooden base. Skin section portrays the anatomy of the skin at 70 times life size and shows:- Representation of hair

follicles with sebaceous glands, Sweat glands, Receptors, Nerves, Blood Vessels, Different layers of the skin.

• Total 31 parts are labeled.







Made of advanced HSP resin having long durability.

ZX-1604 Skin Model

• Price Rs. 1650.00

## E.N.T.

• Price Rs. 1100.00



#### XC-303C Ear Model New Style Giant size

- · Dissectible in 6 parts.
- Made of PVC Plastic.
- Size 33x15x23 cm.
  - Price Rs. 2100.00



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



This model helps the students to understand:

- External nose : shows the section of the nasal bones and cartilages. Nasal cavity: on the lateral nasal wall show the superior, middle and inferior nasalchonchae project medially into the nasal cavity forming the superior, middle and inferior nasal maxillary sinuses.
- Paranasal sinuses: shows the frontal, sphenoid and maxillary sinuses.

• Price Rs. 1250.00

#### XC-301 Human Larynx Model Magnified

- Size 11.5 × 11 × 24 cm, 3parts 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.
  - Price Rs. 1200.00



#### XC-324 Model of the Head

- This model shows the interior parts of the mouth cavity and pharynx with network ot vessels & trigeminal nerves.
  - Price Rs. 3950.00



## **BRAIN & NERVOUS SYSTEM**

#### XC-308 Brain with Arteries



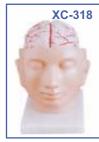
- · Made of PVC plastic.
- · Dissectible into 8 parts. On base.
- Natural size: 18.5 × 14 × 13.5cm.
- Facilitates a correct understanding of the features of the brain and its arterial supply as a whole, Relations between their component portions.
- External features of the brain: cerebral hemisphere, brain stem, cerebellum.
- The arterial supply of the brain: sources, vertebral, internal carotid arteries, arteria supply of the cerebellum and cerebrum.

• Price Rs. 1750.00

#### XC-318 Brain With Arteries on Head

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

• Price Rs. 3650.00



#### ZX-1602 Neuron

- Motor neuron model in threedimension.
- Made of high grade synthetic polymer having long durability.
- Size: 30x20x12cm
- · Beautiful painted in bright colors.
- Well illustrated and informative.
- The membranous covering has been cut away to expose the cytological ultra structure,

organelles and inclusions within the cell body.

- 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.

• Price Rs. 3300.00



#### **GD/A18001 Neuron Model**

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

• Rs. 7600.00



#### GD/A18101 Nervous System

- · 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.
  - Rs. 14100.00



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

- · 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.

• Rs. 17600.00



#### GD/A 18110 Sympathetic Nervous System

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

• Rs. 22200.00



#### **ZX-1307** Human Nervous System

- 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.
  - Price Rs. 4500.00



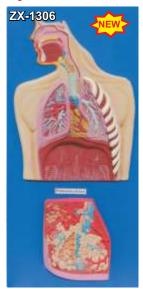


## **RESPIRATORY SYSTEM**



#### **ZX-1306 Human Respiratory System**

- Made of advanced HSP resin.
- Size: 40x80cm. 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 modle 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.

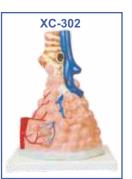


• Price Rs. 4500.00

#### XC-302

#### **Pulmonary Alveoli Model Magnified**

- Size: 26 × 15 × 35cm
- 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 sapta.
  - Price Rs. 1700.00



XC-330
Model of the Transparent Lung Segment



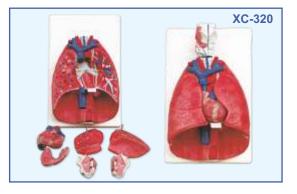
- Presents 10 segments in the right lung and 8 in the left. The distributions of the bronchial tree can be observed through the transparent lungs.
- Right lung: right upper lobe (3segments), right middle lobe (2segments), right inferior lobe (5segments)
- Left lung: left upper lobe (4 segments), left inferior lobe (4 segments).
- Distribution of the bronchial tree: right bronchus, left bronchus.
- Hilus of lung. The lung made of transparent plastic. The trachea and bronchial tree is made of PVC.

• Price Rs. 5000.00

## XC-320 Larynx, Heart and Lungs Model

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

Price Rs. 5600.00



## **DENTAL MODELS**

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



 The model made with realistic resistance of the lips and cheeks is used to simulate the Oral Cavity for real-life practice. It can be used with Hygiene Techniques Training Manikin. Excellent for Dental Schools students training and for patient's demonstrations.

• Rs. 5,600.00



Th001
Dental Care Model

- 2 Times Full-Size
- · Giant Teeth with Toothbrush.
  - Price Rs. 2700.00



Th002
Dental Model Small

- 1.5 × Model with Hinge
  - Price Rs. 1200.00

## **EXCRETORY SYSTEM**

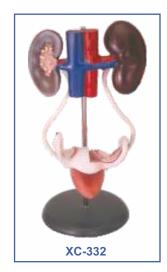
#### XC-331 Male Urogenital System

- · This is intended for schools as a visual aid in teaching physiology and hygiene to help the students to understand the external features of the urogenital system of the kidney, urinary bladder, penis and testicle.
- · Made of PVC Plastic.
- Size 20x20x50 cm.
  - Price Rs. 1750.00

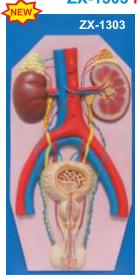


#### XC-332 Female Urogenital System

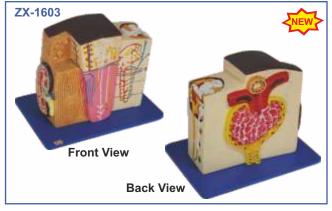
- This model serves as a teaching model for teachers to teach the female urogenital system. The model shows kidney, ureters, urinary bladder, uterus, accessories of uterus, vagina, ovary membrane, ligaments, uterus ligament and its artery etc.
- Made of PVC plastic.
- Size 20x20x50 cm.
  - Price Rs. 1750.00



#### **ZX-1303 Human Excretory System**



- · 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
- 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.
- section.
- Model also shows testis and penis in Size:30x20x24 cm & 45 parts are labeled in total. section.
- The model has anatomical details that A complete 3-D model shows 5 sides view of following makes it a great teaching aid.
  - Price Rs. 4500.00



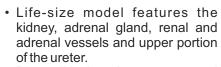
#### **ZX-1603 Kidney Microstructure**

- Left kidney and left adrenal gland in It is made of advanced HSP resin and is mounted on strudy wooden base for easy display.

  - · Beautifully painted in advanced colours.
  - structures in great details : kidney in section, parenchymaof kidney and nephron, renal corpuscle and arrociated structures, loop of henle and associated structures.

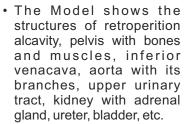
• Price Rs. 4500.00

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



- Dissectible into 2 parts to reveal the cortex medulla, cortex vessels and renal pelvis.
- Model can be removed from the stand for instruction and patient education.
- Size: 12.5 × 12.5 × 20 cm.
  - Price Rs. 1500.00

#### XC-333 Urinary System Model



- · Dissectible into 4 parts.
  - Price Rs. 6950.00





XC-310-3

## REPRODUCTIVE SYSTEM

## ZX-1304 Human Reproductive System Male

- · Made of HSP resin for long durability.
- Upper half part shows median section of the system showing both internal and external organs 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.

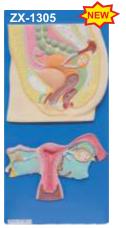


## ZX-1305 Human Reproductive System Female

- Made of advanced HSP resin and beautifully painted in advanced colours.
- 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.
- Model is a great teaching tool for anatomy lessons.

GD/A15105





• Price Rs. 4500.00

#### **GD/A15102 Male Genital Organs**

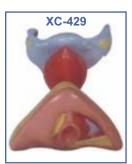


- Dissected in median and mounted on a stand.
- Shows the penis, prostate, bladder, seminal vesicle, spermatic cord & inguinal canal and base.
- Shows 72 positions.
- · Made of Advanced PVC.

• Rs. 10200.00

#### • Di

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



- This model is served as a visual aid in teaching human anatomy in nursing and medical colleges.
- 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.

• Rs. 1350.00

### **GD/A15105** Female Genital Organs

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

• Rs. 8600.00

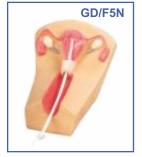


#### **GD/F5N IUD Training Simulator**

#### **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.

• Price Rs. 5100.00



#### **GD/F5M Male Condom Model**

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

• Rs. 5400.00

## **GYNAE & OBSTETRIC MODELS**



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

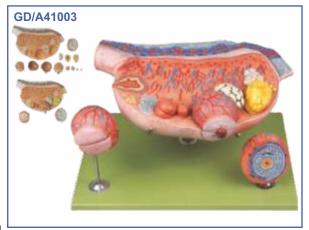
- This median section models shows normal position of child before birth
- · Removable fetus.
- · Made of PVC plastic
- Size 38×25×40cm

• Price Rs. 6450.00



#### GD/A42004 Embryo Model

- · Mounted on stand.
- Made of Advanced PVC.
- 4 weeks old embryo.
- Shows 12 positions.
  - Price Rs. 3200.00



#### **GD/A41003 Ovary Model**

- 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.

• Price Rs. 17900.00

#### GD/A42010/1 Human Placenta

- · Mounted on stand.
- · Made of Advanced PVC.
- Shows the structure of placenta and the relation between placenta and umbilical cord.
- 7 positions are displayed.
  - Price Rs. 3200.00



# **GD/A42002** Human Fertilization and Early Embryogeny

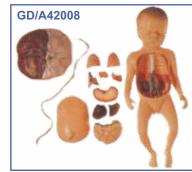
- Shows the development from ovum to the fetus in third month
- 16 positions are displayed
- Material: Advanced PVC

• Price Rs. 38600.00



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

- Made of Advanced PVC.
- Shows a female fetus at the end of the pregnancy with placenta and umbilical cord.
- Separated into 13 parts as follow: Placenta, umbilical cord, abdominal cover, lungs, heart, thymus, diaphragm, liver, stomach, intestine, body.
  - Rs. 16600.00



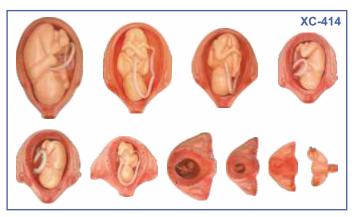
#### GD/A42001

#### **Fertilization Process Simulator**

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

• Price Rs. 11800.00

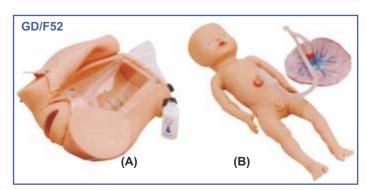




XC-414
The Development Process of Fetus

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

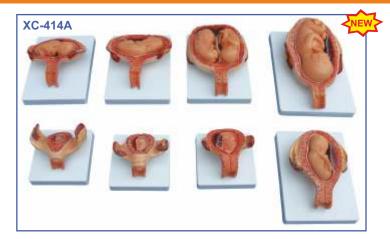
		mig are geotation period:
Part No.	<b>Gestation Month</b>	Appearance/height of fetus
lst	Normal Uterus	Inner genitals
2nd	First	Placenta is shown
3rd	Second	Embryo looks like human.
4th	Third	Fetus is about 9 cm.
5th	Fourth	Fetus is about 16 cm.
6th	Fifth	Fetus is about 25 cm.
7th	Sixth	Fetus is about 30 cm.
8th	Seventh	Fetus is about 35 cm.
9th	Eighth	Fetus is about 40 cm.
10th	Ninth	Fetus is about 45 cm.
		<ul> <li>Price Rs. 30800.00</li> </ul>



GD/F52 Advanced Delivery
Mechanism Demonstration Simulator
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 and perineum protection
- Available training of multiple pregnancy (twin pregnancy)
- Component: A (Matrix For Delivery Demonstration) + B (Fetus For Demonstration)

• Price Rs. 71500.00



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

- This model shows relationship between fetus anduterus in 1st, 2nd, 3rd, 4th, 5th, 6th, 7th month pregnancy, and twins course in the 5th month.
- · Consist of 8 parts.

• Price Rs. 21600.00



GD/F54 Advanced Abdominal Palpation and Delivery Mechanism

#### Features:

- Demonstrate the fetus, umbilical cord any placenta of vacuum-assisted delivery, flexible fetal joint ad multiple normal and abnormal positions of fetal delivery can be showed.
- Equipped with manual delivery mechanical parts; by manual the whole delivery process including engagement, descending, flexion, internal rotation, extension, restoration, external rotation and fetal delivery can be showed.
- Can practice and master the comprehensive skills of normal labor, abnornal labor (dystocia), midwifery and perineum protection.
- Equipped with soft elevated cushion for Leopold Maneuver practice.
- Euipped 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)

• Price Rs. 82600.00



## GD/F8 Vacuum Delivery Model

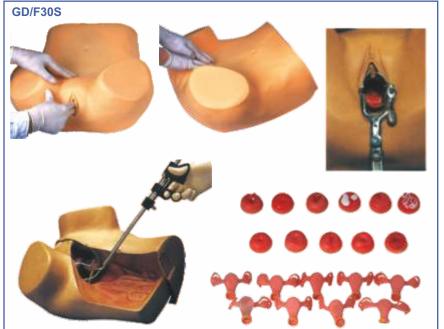
- The simulator can help to demonstrate all the process of delivery.
- The life-size pelvic cavity has main anatomical structures.
   It can help to train the skills of delivery.
  - Price Rs. 25600.00



#### GD/F6 Leopold Maneuvers Simulator

 The model shows the seven stages of birth: engagement-descentflexion-internal rolling-spreadreposition and external rollingchildbirthing.

• Rs. 26500.00



#### **GD/F30S**

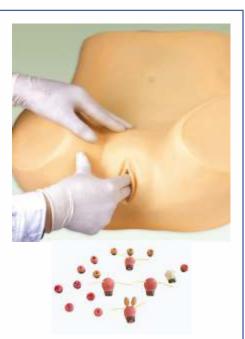
#### **Gynaecological Examination Model**

- This Gynecological Training Model is specifically deigned 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 and abnormal cervices;
- **5.** Contraceptive sponge insertion and removal:
- Observation of uterus, ovary, fallopian tubes and ligament teres.
  - Price Rs. 62500.00

GD/F35
Advanced Gynaecological
Training Simulator

- Including all the functions of GD/F30S.
- · Hysteroscopy Checking.
- Laparoscopic visualization checking can observe the uterus, accessories, round ligament, uterine andother structures.
- Allow to place the female condoms, contraceptive sponge, cervical cap and other contraceptives. Cervix and uterus can be replaced.
  - Price Rs. 104500.00







#### GD/F3A Episiotomy Training Simulator

- This model is designed for practice of perineum cutting and suturing.
- The main structure of the simulator is a perineum. which is made of simulative and the inner muscle is soft PVC. The simulator is mounted on a plastic framework.
- The are two handles in the back and bottom of the simulator to adjust tention of the perineum.
- Right posterior incision, left posterior incision or median incision can be selected to exercise perineum cutting and suturing.

• Price Rs. 19600.00





- Exhibit board present 2 normal uterus, 6 diseased uterus for demonstration Model represents:
  - (1) Delivered
  - (2) Not Delivered
  - (3) Acute purulent cervicitis
  - (4) Inflected cervical adenocarcinoma
  - (5) cystis
  - (6) polyp
  - (7) lacerated wound
  - (8) Cancer
- · Observe and diagnose cervical lesions

• Rs. 14,500.00



GD/F3B
Vulva Suturing Training Simulator

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

• Rs. 9700.00



#### **GD/FW2** Maternity Examination Model

- Specifically deigned for professional training. The various functions of this model are as follow:-
- Palpation, embryo heart sound auscultation, pelvic measurement and 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.

• Price Rs. 88400.00



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

- This series models consists of six development phases and each parts shows a state of prenatal cervix and birth canal. The whole models demonstrate the relations between the scope of the expanding of the orifice of cervix and the range of cervical tunnels, as well as the relation between the position of the head of fetus and the square of ischial spine.
- The orifice of cervix has no expanding and the cervical tunnels haven't disappeared at all. The positional relation between the head of fetus and the square of ischial spine is -5.
- The orifine of cervix has expanded 2cm bigger and the cervical tunnels disappear 50%. The positional relation between the head of fetus and the square of ischial spine is -4.
- The orifice of cervix has expanded 4 cm bigger and the cervical tunnels

disappear absolutely. The positional relation between the head of fetus and the square of ischial spine is -3

The orifice of cervix has expanded 5 cm bigger and the cervical tunnels disappear absolutely. The positional relation between the head of fetus and the square of ischial spine is -0

• Price Rs. 30600.00

## ADVANCE DELIVERY & EMERGENCY SIMULATOR

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

#### Automatic Birthing System. Fully simulates the real delivery process with CPR Pregnant Woman

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

#### **FEATURES: SYSTEM COMPONENTS:**

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



## PAEDIATRICS MODELS







- 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.

Price Rs. 2300.00

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

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

• Price Rs. 2850.00





#### GD/FT1 New Born Baby

- This model is made of PVC material and developed by moulding method. It has realistic shape and reasonable structure and a high durability.
  - Price Rs. 7150.00

#### GD/FT4 New Born Baby Model

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

• Price Rs. 8000.00



## **NURSING MANIKINS**

#### **GD/H130** Advanced Nursing Baby

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

• Rs. 40900.00



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

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

#### Features:

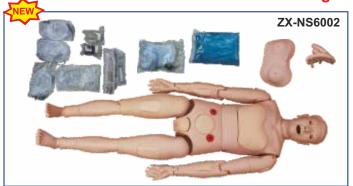
- Pupil observation. Bilateral Pupil states: normal, mydriasis,
- Operations of child care: full body bandage exercise, bathing, changing clothes, hair combing, eye washing and administering, otic drops and irrigation, mouth cavity care, blood collection of finger and TB test.
- Airway administering: realistic mouth, nose, tongue, gum, pharynx, larynx, esophagus, epiglottis, trachea and tracheal ring, can practice tracheal intubation, sputum suction, oxygen inhaling.
- Oral and nasal feeding. Gaslrolavage
- Venipuncture, injection, transfusion (Arm). When needle penetrates into vein,bBlood 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.





## **NURSING MANIKIN**

## **ZX-NS6002** Multifunctional Nursing Simulator (unisex) with Interchangeable Breast Cancer Plate



- 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.

• Rs. 78,000.00

#### **GD/H220B** Full-functional Elderly Nursing Manikin (Female)

The manikin is designed according to the physiological characteristic of female old people for basic clinical nursing training. The product consists of full-body female elderly manikin and non-invasive blood pressure simulator; with about 50 kinds or nursing functions, made of imported PVC material, fine quality, environmental protection, realistic shape as human, easily washable; these help nursing workers understand and care for old people during the nursing process.

#### Basic nursing functions:

- Hair and face washing
- Pupil observation, Bilateral pupil states; normal, mydriasis
- · Eye and ear washing and administering
- · Removal and insertion of hearing aid
- · Oral cavity and artificial teeth care
- Endotracheal intubation, automatically monitor whether the tracheal intubation is correct or not through sensor, support auscultation to detect intubation site
- · Incision of trachea nursing
- Sputum suction
- Oxygen inhaling
- · Oral and nasal feeding
- Gastrolavage
- Venipuncture, injection, transfusion (arm)
- Deltoid subcutaneous injection
- · Vastus lateralis injection
- Thoracic cavity, abdominal cavity, liver, bone marrow and lumbar puncture
- Breast nursing, mammary gland examination
- Enema
- Male / Female urtheral 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 1mmHa
- 2) Systolic pressure 0-300mmHg, diastolic pressure 0-300Hg
- 3) Korotkoff sound volume in ten steps, 0-9
- Diabetes foot nursing

• Price Rs. 1,04,500.00



#### **GD/H100S** Basic Combination Nursing Manikin

- · Full-body lifelike manikin.
- Designed for professional nursing training.
- · It provides wide range of exercises possible including both first aid and emergency situations.
- · Nursing Skill:-
- Bed bathes, dressing and undressing
- · Hair washing, face washing

- · Irrigation of the eyes and ears
- Oral cavity care
- Oxygen inhalation
- Nasal feeding
- Lavage
- Oral cavity nasal cavity intubation
   Gluteus injection
- Tracheotomy care
- · Organs structure of Thorax,
- · Venipuncture & injection,

transfusion

- · Deltoid injection
- Urethral Catheterization for male & female
- · Irrigation of bladder for male and female
- · Ostomy irrigation.
- · Organs structure of abdominal cavity

Rs. 62000.00



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

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

#### **NURSING SKILL:-**

- · Head care: hair washing, face washing
- · Irrigation of the eyes and ears
- · Oral cavity care
- · Oral cavity and nasal cavity intubation
- Oxygen inhalation
- · Oral and nasal feeding
- Lavage
- Organs structure of thorax
- · Veinpuncture and injection, transfusion,
- · Deltoid injection
- · Puncture of thorax, abdominal cavity, liver medulla and lumbar
- Enema
- · Urethral Catheterization for male and female
- · Irrigation of bladder for male and female

- Ostomy Irrigation
- Gluteus injection
- · Organs structure of abdominal cavity
- · General care, bed bathes, dressing and undressing
- · Wound care: disinfection, dressing change, binding, hemostasia.
- · Trauma parts;
  - a. The suturing care for the wound on the chest wall
- b. The suturing care for the wound on the abdomen
- c. The suturing care for the wound on the thigh
- d. The care for the bruise of the skin of the thigh
- e. The care for the infectious ulceration
- f. The care for the foot gangrene
- g. Wound of forearm amputation
- h. Wound of calf amputation

• Rs. 83600.00

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

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

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

- · Medulla puncture;
- Lumbar puncture;
- Deltoid puncture;
- Deltoid subcutaneous injection;
- · Vein injection;
- · Vein puncture;
- · Vein transfusion;
- Female catheter;
- Female clyster;
- Gluteus intramuscular injection.
  - Rs. 25000.00



## Trainer



#### **AED01 AED Trainer**

- The AED Trainer with Replaceable Language/Scenario Card is designed to effectively train emergency responder in the use of an Automated External Defibrillator (AED). This training unit provides a variety of pre-programmmed 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.

• Rs. 18,000.00



AED+CPR01 **AED Trainer & CPR Trainer** 

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

Price Rs. 32000.00

## CPR MANIKINS

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

- The Manikin is the only manikin in the market which includes both Adult and Child CPR The unique valve design allows to be connected nose-mouth-lung. simulator in one product.
- · Economic and profitable product.
- Light weight: 2.2Kg makes easier storing and transport for trainers.
- · The selector on the back allows to chose Adult or Child position.
- Adult and child position include a clicking sound for checking the correct compression depth according to Guidelines 2015.
- "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 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 trainer (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 and easy cleaning.
  - Price Rs. 16000.00



#### **MB001B CPR Training Manikin (Torso)**

MB001 Same as above but without accessories. • Price Rs. 13000.00

#### Accessories For MB001B+, MB001

(Pack of 24 pcs.)	Rs. 4200.00

#### **ZX-CPR2300** Advanced CPR Training Manikin with Monitor

- Implement Standard :The 2010 AHA Guidelines for CPR and ECC.
- This new designed CPR Training manikin has a better shape and functions for a much professional practice for those who are not professional in CPR Training.
- Correct anatomical landmarks, skin-touch feeling, life like colour, realistic shape and durable material provide a good practice experience for students.
- LED lights display the compression depth and ventilation strength.
- For Correct Compression depth, the LED strip would be in the range of green. For incorrect compression depth, less than 5cm, the LED strip would be in the range of yellow.
- Correct and incorrect displays in artificial ventilation While correct mouth-to-mouth ventilation, the air volume in ventilation shall be between 500-600 ml, the green light will be on. If the
  air volume is less or excessive than the correct range, the LED strip would be in the range of yellow or red. Much excessive
  ventilation would make air into the stomach.

• Rs. 1,03,000.00



#### **GD/CPR 10280 Advanced Adult CPR Training Manikin**



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

• Rs. 1.26.700.00

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

- 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.



• Rs. 62,500.00

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



- 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.</li>

• Rs. 36,500.00

#### **GD/CPR 10170 Half-body CPR Training Manikin**

- According to 2010 international CPR standard, the product is upgraded from GD/CPR170S.
- Implement standard : AHA (American Heart Association) 2010 guideline for CPR and ECC
- CPR manikin features:
- Can perform airway open
- · Can perform artificial breathing and external cardiac compression
- · While performing artificial aspiration, judge inflation volume by chest rise
- External chest compression, correct compression depth: 5-6 cm Correct compression site, prompt correct buzzing sound Excessive compression site, prompt alarming buzzing sound
- Operation frequency: >100#/min, with "tick" sound. Power: battery
  - Price Rs. 57000.00



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

- Implement Standard: the 2010 AHA (American Heart Association) Guidelines for CPR and 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.

• Rs. 73,000.00



#### **GD/CPR 10150 Advanced Infant CPR Training Manikin**



- This Simulation of Infant 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.
- This model Simulate the patient revival through first aid by measures of Heart Pressure and Mouth-to-Mouth respiration.

• Rs. 82800.00

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

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.

• Rs. 88900.00

## **MEDICAL MODELS**



#### Features:

- Washing, disinfection, hemostasia, enswathement etc.
- Open fracture, truncation trauma

#### Features of Advance trauma manikin:

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



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

• Price Rs. 1,29,000.00

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

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

#### Features:

- Thyroidectomy
- Mid-sternal split with two chest tube drains
- Right mastectomy with simulated drain
- Right cholecystectomyn with simulated T-tube
- Laparotomy
- Appendectomy
- Left colostomy
- · Right ileostomy

- Abdominal Hysterectomy (Transverse incision)
- Left nephrectomy (thoracoabdominal incision)
- Right nephrectomy (oblique incision)
- Laminectomy
- · Sacral decubitus ulcer stage 2
- · Right thigh amputation stump
  - Price Rs. 71900.00

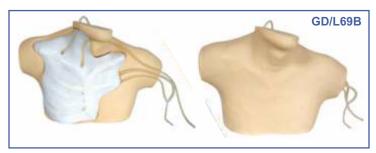


#### GD/L69B Central Venous Catheterization Simulator

The cervicular 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 commo carotid artery, internal jugular vein, external jugular vein, subclavical vein and brachioccephalic 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.

• Price Rs. 83000.00

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



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, stenocleidomastoid 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

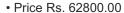
• Price Rs. 82300.00

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

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

#### Features:

- Transparent chest wall and made of special material.
   Transparent part of the superior vena and visible perspective effect of bilateral venous chanel
- 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
- 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

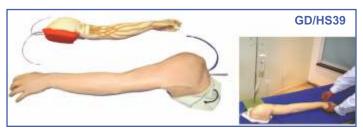
- The simulator simulates an adult arm, with veins and arteries attached inside. The durable material helps to make a very good skin-touch feeling. The anatomical landmarks are
- Various Intravenous injection training could be practiced through the veins attached to this simulator, including cephalic 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.

Rs. 45.500.00

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

#### **Complete Venipuncture Arm:**

- Venous access: Basilic V Cephalic V Digital V Dorsal Metacarpal V Median Basilic V Accessory Cephalic V Extensive venipuncture system Median Antebra chial V Median Cephalic V Median Cubital V Thumb V
- This revolutionary training arm provides complete venous access for IV therapy and phlebotomy, plus sites for inframuscular 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 separetely with extreme attention paid to every detail-right down to the fingerprints! Flexion of the wrist helps students to develop manipulate skills. The replaceable skin rolls as the veins are palpated and a disdernable "pop" is felt when entering the veins. The molding process reproduces the fine details of the skin to make the arm look and feel alive. Valves in the veins can be seen and palpated on the skin surface.
- Simulated veins and skins are completely replaceable to keep this training arm looking and working like new. Under normal
  use, hundreds of injections may be performed before the veins or skins need to be replaced. Complete replacement kits are
  available and easy to use. To extend the life of the veins and aerosol sealant is available to seal punctures and prevent
  leakage.

• Price Rs. 56000.00

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

# GD/HS2

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

• Rs. 28800.00

#### **GD/HS8** Child IV Training Arm

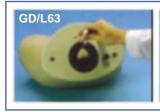
#### Simulate the arm of child (4 years old)

Features:

- Lifelike arm reproduction with multi-vein system designed for peripheral intravenous therapy.
  - Price Rs. 23300.00



#### **GD/L63** Prostate Inspection Model





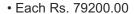


- This model provides prostates with tumors in 4 different development periods.
- The 1st development: Benign, a little big but the prostates still works well.
- The 2nd development: some hard tubers can be observed in the top right quadrant of prostate. It's the beginning of the tumors.
- The 3rd development: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

• Rs. 80300.00

#### **GD/L64** Peritoneal Dialysis Simulator

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





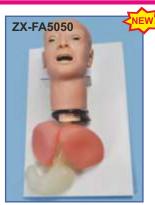
#### ZX-FA5050 Advanced Endotracheal Intubation Training Model

- The model consists a standard human head & neck with visual trachea, esophagus, lung and stomach.
- · Combination of practical operation and audio-visual based on standard human anatomic structure.
- · Incorrect intubation operation will cause tube inserted into esophagus which is observable and trigging alarm, the stomach will also be inflated.
- Incorrect intubation operation will also cause tooth pressed by the laryngoscope and trigger electronic alarm.

#### Functions:-

- Oral cavity intubation
- · Nasal cavity intubation
- · Fiber optic tube intubation
- · Oral & nasal airtube intubation
- Sucking tube intubation
- · Nasal, stomach feeding tube intubation
- Oxygen tube intubation

• Rs. 40,000.00





#### GD/LV1

#### **Advanced Surgical Suture Arm**

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

• Rs. 21600.00



#### **GD/LV2** Advanced **Surgical Suture Leg**

- This model of Advance Suturing Leg Accurate anatomical marks allows student to practice cut, suturing, • Oral or nasal cavity intubation 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.

· Rs. 28800.00



#### GD/J5S Airway Intubation Model

- Wrong operation, stomach inflation or laryngoscope compressing the teeth will activate warning prompting.
- One proper pupil and another mydriasis

• Price Rs. 44500.00



**GD/H17E Male Catheterization Training Simulator** 

#### **Features**

- General urethral Catheterization process can be operated.
- · There is resistance when advancing the catheter through mucosal fold, bulb of urethra and intraurethral sphincter.
  - Price Rs. 28200.00



**GD/H17F Female Catheterization Training Simulator** 

#### **Features**

- · General urethral Catheterization process can be operated.
- There is resistance when advancing the catheter through urethral sphincter.
  - Price Rs. 28200.00



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

#### Features:

- · Stucture of left gluteal : osteal marks. gluteal muscules, 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.
  - Price Rs. 72600.00

#### ZX-NS6028 Buttock Inter Muscular Injection Training Model

- A well shaped buttocks of an adult, made of special material, correct anatomical landmarks.
- Both buttocks could practice intramuscular injection. The good material helps to make a real skin-touch feeling.
- A monitoring system is equipped to this model, the injection position and depth could be indicated by the indicator light in different color with sound alarm.
- Green light turns on to indicate the injection in correct position and correct depth.
- Red light turns on and a buzzing sound comes, indicating the injection position is wrong.
- Green light turns on, and red light gets in flashlight, buzzing sound comes together, indicating the injection position is correct, but the injection depth is too much.
- When injects in correct position, the injected liquid could flow out through the outlet in the upside of model, to the liquid-collect bag.
- · Azipper is mounted in the abdominal, which helps to make an easy replacement of skin cover and the injection parts.

• Rs. 70,000.00



# **ZX-GP6621** Breast Inspection and Diagnosis Training Model

- Model is one side of female breast, life like, realistic texture.
- Contain breast cancer and fibroadenomas.

• Rs. 23,500.00



#### **ZX-GP6620** Breast Inspection Model

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

• Rs. 50,000.00



#### **GD/F7A** Breast Examination Model

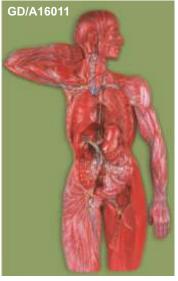
- Palpation of galactophore malignant tumor, Innocent tumor, lymphaden and lobulus accrementition.
- In imported thermoplastic.
- Lifelike shape, skinny, pleasant to touch, durable.
- Ametabolic under disinfections and cleanout, convenient delivery.

• Price Rs. 26000.00

#### **GD/A16011 Lymphatic System**

- · Mounted on board.
- Shows the component & structure of the lymphatic system.
- · Shows 63 positions.
- Made of advanced PVC.
  - Rs. 23600.00





#### **VT021** Frog Dissection Kit

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

• Price Rs. 3950.00



### **COMMUNITY HEALTH NURSING MODELS**

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

#### **COMMUNITY HYGIENE**

<b>ZX 7101</b> - Sanitary WellPrice Rs. 5000.00	<b>ZX 7105</b> - Step WellPrice Rs. 5500.00
<b>ZX 7102</b> - Insanitary WellPrice Rs. 5000.00	ZX 7106 - Berkefeld FilterPrice Rs. 5000.00
<b>ZX 7103</b> - Deep and Shallow WellPrice Rs. 5000.00	<b>ZX 7107</b> - Slow Sand FilterPrice Rs. 6500.00
<b>ZX 7104</b> - Deep Tube WellPrice Rs. 6000.00	<b>ZX 7108</b> - Rapid Sand FilterPrice Rs. 5500.00



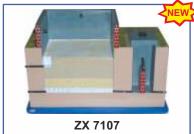


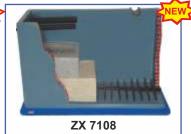












#### **ENVIRONMENTAL SANITATION**

ZX 7201 - House Drainage SystemPrice Rs. 6500.00 ZX 7202 - Chamber Type IncineratorPrice Rs. 6500.00 ZX 7203 - Activated Sludge ProcessPrice Rs. 6500.00 ZX 7204 - Bore Hole LatrinePrice Rs. 5000.00 ZX 7205 - Dug Well Latrine (Pit Latrine)Price Rs. 5000.00	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
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# **COMMUNITY HEALTH BAG**

### **CHB02** Community Health Bag



- 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

Rs. 2,700.00

#### **CHB03** Midwifery Kit For Home Delivery

- 1. Face Mask
- 2. Surgical Spirit
- 3. Gloves
- 4. Rubber Mucus Sucker
- Kidney Trays MediumStainless 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

Rs. 3,200.00



### **BUILD YOUR ANATOMY MODELS**

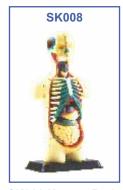


• New Type of Puzzle • Highly Detailed Finish • Collectible Quality • Dissectable in Small Parts • Display Stand •



SK007 Eyeball Anatomy Model

- Size 14 cm
- 35 pieces set.Price Rs. 1350.00



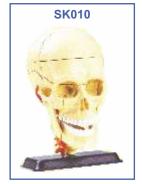
SK008 Human Body Anatomy Model

- Size 12.7 cm
- 32 pieces set.
  - Price Rs. 1350.00



SK009 Heart Anatomy Model

- Size 14 cm
- 31 pieces set.
  - Price Rs. 1350.00

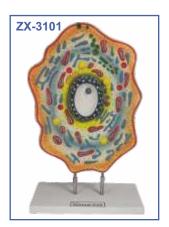


**SK010** Cranial Nerve Skull Anatomy Model

- Size 9 cm
- 39 pieces set.
  - Price Rs. 1350.00



# HISTOLOGY AND BIOMOLECULES MODELS



#### **ZX-3101** Animal Cell Model

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

• Price Rs. 2050.00



• Price Rs. 1600.00



# **VISUAL TEACHING AIDS**

#### **OHP 250S KANSIL'S OVERHEAD PROJECTOR:**

- Low voltage
- Latest Design
- Single Halogen lamp 24V-250W
- Rack & Pinion Focusing System
- Light weight
- Metal Body
- · Motorised cooling System
- Intensity Control
- Rs. 7100.00 each

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

- · Low voltage
- · Latest Design
- Single Halogen lamp 24V-250W
- Rack & Pinion Focusing System
- · Equipped with dual bulb system
- Light weight
- Metal Body
- · Motorised cooling System
- Intensity Control
- Rs. 7600.00 each

#### SP-150 Slide Projector Manual:

- · Versatile design
- Halogen Lamp 24V-150W
- Noiseless cooling system
- · Slide carrier for 2 slides
- Rigid construction
- · Height adjustable
- Manual Focusing
- Rs. 4000.00 each





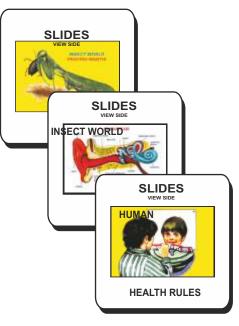
#### **OPTIONAL ACCESSORIES**

OA01 Projection Screen70" × 52" (175 × 130 cms) with	folding tripod stand	Each Rs. 2650.00
<b>OA02</b> -do- 60"×60" (150×150 cms) - do		Each Rs. 2650.00
<b>OA03</b> -do- 90"×72" (225×180 cms) - do		Each Rs. 6500.00
OA04 Map Screen made of thick white rexine with roller	· 175 × 135 cms	Each Rs. 1200.00
OA11 Overhead Projector marker set of 7 pens including	g Eraser Pen	Per set Rs. 400.00
OA12 Blank Overhead Projector Transparencies - 210	297 mm. Packet of 100 sheets	Per Pkt Rs. 550.00
<b>OA21</b> Bulb for OHP 24v-250W		Each Rs. 220.00
		Each Rs. 220.00
OA31 Laser Pointer Pen Type with AAA size batteries		Rs. 1050.00
OA32 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	Health Care each set contain 20 slides SHC01 Health Rules SHC02 Causes of Diseases SHC03 Prevention of Diseases SHC04 Effects of Alcohal SHC05 Tobacco & Habit Forming Drugs SHC06 Clean Body
SPD06 Leprosy SPD07 Influenza SPD08 Jaundice SPD09 Cancer SPD10 Typhoid SPD11 Viral Diseases SPD12 Chicken Pox SPD13 Dysentry SPD14 Hepatitis SPD15 Heart Attack SPD16 Diabetes	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
SPD17 Asthma SPD18 Arthritis SPD19 Thyroid SPD20 Blood Pressure	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 Nursin	g Set of	60	ı
SNM04 History Of Nursing	Set of	20	l
SNM05 Infant Nursing	Set of	40	ı
SNM06 Medical Surgical Nursing	g Set of	20	ı
SNM07 Maternity Nursing	Set of	20	ı
SNM08 Nursing Responsibilities	&		ı
Implications	Set of 1	100	ı
SNM09 Oncologic Nursing	Set of	40	l
SNM10 Pediatric Nursing	Set of	40	/
SNM11 Emergency Delivery	Set of	20	
	Price per Slide Rs.	. 13.00	0







#### **BOTANY SECTION**

Algae Fungi set of 20	SB11	Inflorescence set of 10	SB20	Plant Kingdom set of 30
Angiospermic Families set of 15	SB12	Insectivorous & Parasitic Plants	SB21	Plant Physiology set of 30
Bacteria set of 20		set of 20	SB22	Pollination set of 10
Bryophyta & Pteridophyta set of 20	SB13	L.H. Mucar set of 15	SB23	Roots set of 20
Cell Structure set of 20	SB14	Leaves set of 20	SB24	Spyrogyra set of 20
Dispersal of Seeds set of 20	SB15	Marchantia set of 15	SB25	Stems set of 20
Fern set of 10	SB16	Meiosis set of 15	SB26	Vegetative Reproduction set of 20
Fruits set of 20	SB17	Mitosis set of 10	SB27	Water Plants set of 10
Germination of Seeds set of 20	SB18	Plant Anatomy set of 20		Price per Slide Rs. 12.00
Higher Plants set of 20	SB19	Plant Histology set of 30		
	Algae Fungi set of 20 Angiospermic Families set of 15 Bacteria set of 20 Bryophyta & Pteridophyta set of 20 Cell Structure set of 20 Dispersal of Seeds set of 20 Fern set of 10 Fruits set of 20 Germination of Seeds set of 20 Higher Plants set of 20	Angiospermic Families set of 15 Bacteria set of 20 Bryophyta & Pteridophyta set of 20 Cell Structure set of 20 Dispersal of Seeds set of 20 Fern set of 10 Fruits set of 20 Sendantia Send	Angiospermic Families set of 15 Bacteria set of 20 Bryophyta & Pteridophyta set of 20 Cell Structure set of 20 Dispersal of Seeds set of 20 Fern set of 10 Fruits set of 20 Germination of Seeds set of 20 SB12 Insectivorous & Parasitic Plants set of 20 SB13 L.H. Mucar set of 15 SB14 Leaves set of 20 SB15 Marchantia set of 15 SB16 Meiosis set of 15 SB17 Mitosis set of 10 SB18 Plant Anatomy set of 20	Angiospermic Families set of 15  Bacteria set of 20  Bryophyta & Pteridophyta set of 20  Cell Structure set of 20  Dispersal of Seeds set of 20  Fern set of 10  SB16  Fuits set of 20  SB17  Mitosis set of 20  SB18  Insectivorous & Parasitic Plants  SB21  SB22  SB23  L.H. Mucar set of 15  SB23  SB24  Dispersal of Seeds set of 20  SB15  Marchantia set of 15  SB25  Fern set of 10  SB16  Meiosis set of 15  SB26  Fruits set of 20  SB17  Mitosis set of 10  SB27  Germination of Seeds set of 20  SB18  Plant Anatomy set of 20

#### **ZOOLOGY SECTION**

SZ01	Anatomy of Frog set of 30	SZ12	Frog Embroyology set of 15	SZ23	L.H. Silkworm set of 10
SZ02	Anatomy of Rabbit set of 20	SZ13	Rabbit Embroyology set of 20	SZ24	Liverfluke & Tapeworm set of 20
SZ03	Amoeba & Paramecium set of 20	SZ14	Evidence of Evolution set of 20	SZ25	Mammals set of 30
SZ04	Animal Histology set of 30	SZ15	Fishes set of 30	SZ26	Meiosis set of 15
SZ05	Animal Kingdom set of 30	SZ16	Hydra & Obelia set of 20	SZ27	Mendel Heredity set of 20
SZ06	Animal World set of 40	SZ17	Harmful Insects set of 20	SZ28	Mitosis set of 10
SZ07	Beaks & Feet of Birds set of 20	SZ18	Useful Insects set of 20	SZ29	Prehistoric Animals set of 20
SZ08	Birds set of 30	SZ19	L.H. Butterfly set of 10	SZ30	Protozoa set of 10
SZ09	Cockroach set of 20	SZ20	L.H. Honey Bee set of 10	SZ31	Reptiles & Amphibians set of 40
SZ10	Earthworm set of 20	SZ21	L.H. Housefly set of 10	SZ32	Snakes set of 20
SZ11	Chick Embroyolgy set of 20	SZ22	L.H. Mosquito set of 10		Price per Slide Rs. 12.00

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

SSS01	Biology Album for 10+1 set of 100	Rs. 1400.00	SSS05	Pathology set of 100	Rs. 1900.00
SSS02	Biology Album for 10+2 set of 100	Rs. 1400.00	SSS06	Chemistry Album for 10+2 set of 100	Rs. 1400.00
SSS03	Medicinal Plants set of 100	Rs. 1900.00	SSS07	Physics Album for 10+2 set of 100	Rs. 1400.00
SSS04	Histology set of 100	Rs. 1900.00	SSS09	Human Physiology set of 100	Rs. 1900.00

### **OVERHEAD PROJECTOR TRANSPARENCIES**

OT04	Chick Embryology set of 20	OT11	Sense organs set of 20
OT05	Frog Development set of 15	OT13	First Aid set of 50
OT10	Human Physiology set of 50		Price per transparency Rs.



# INDIAN SCHOOL SYLLABUS ON VIDEO

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

# **BIOLOGY MODELS**

#### **BOTANY MODELS**

#### Made of Fiber Glass on MDF Board. Each Model size 60 x 45 cm Price Rs. 1000.00 each

BMB01	Plant Cell	BMB11.	T.S. Dicot Stem
BMB02	Germination of Seed	BMB12	T.S. Monocot Leaf
BMB03	Fertilization & Angiosperms	BMB13	T.S. Dicot Leaf
BMB04	Plant Cell Meiosis	BMB14	Root Tip
BMB05	Plant Cell Mitosis	BMB15	Life Cycle: Moss
BMB06	L.S. Flower	BMB16	Life Cycle: Fern
BMB07	L.S. Ovary	BMB17	Life Cycle: Fungus
BMB08	T.S. Monocot Root	BMB18	Spirogyra
BMB09	T.S. Dicot Root	BMB19	Pitcher Plant
BMB10	T.S. Monocot Stem	BMB20	Funaria Plant







### **ZOOLOGY MODELS**

Made of Fiber Glass on MDF Board. Each Model size 60 x 45 cm Price Rs. 1000.00 each







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BMZ02	Animal Cell Meiosis	BMZ12	Rat Dissection
BMZ03	Animal Cell Mitosis	BMZ13	Fish Dissection
BMZ04	Amoeba	BMZ14	Rabbit Dissection
BMZ05	Paramecium	BMZ15	Development of Frog
BMZ06	Hydra	BMZ16	Life History of Silk Worm
BMZ07	Euglena	BMZ17	Life History of Mosquito
BMZ08	Malarial Parasite	BMZ18	Life History of Honey Bee
BMZ09	Bacteria	BMZ19	Life History of Butterfly
BMZ10	Virus	BMZ20	Life Cycle of Tapeworm

#### **MODELS OF FLOWERS**

Made of Fiber Glass on stand. Price Rs. 850.00 each.

BMF01 Typical Flower BMF02 Liliaceae Flower BMF03 Rosaceae Flower



# **HUMAN ANATOMY 3-D PLASTIC MODELS**

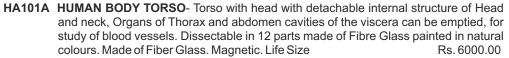
#### Deluxe quality, made of fiber glass, mounted on wooden board Size 30 × 50 cm Each Rs. 400.00

HA01D	Teeth	HA11D	Spinal Cord	HA21D	Reproductive Organs (Female)		
HA02D	Circulatory System	HA12D	Stomach	HA22D	Reproductive Organs (Male)		
HA03D	Digestive System	HA13D	Liver	HA23D	Lungs		
HA04D	Respiratory System	HA14D	Kidney	HA24D	Skull		
HA05D	Nervous System	HA15D	Brain	HA25D	Excretory System		
HA06D	Skeleton	HA16D	Heart	HA26D	Endocrine System Male		
HA07D	Head & Neck	HA17D	Eye	HA27D	Endocrine System Female		
HA08D	Skin	HA18D	Ear	HA28D	Muscular System Front View		
HA09D	Mouth	HA19D	Male Pelvis	HA29D	Muscular System Back View		
HA10D	Tongue	HA20D	Female Pelvis	HA30D	Nose		





# SPECIAL MODELS ON HUMAN ANATOMY



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.
 Life Size Rs. 3800.00

HA102 Human Body - Torso Small size Rs. 1200.00

**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. 1200.00
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
HA107 Female Polytic with child

HA107 Female Pelvis with child Each Rs. 1100.00

HA108Female Pelvis with reproductive organsEach Rs. 1100.00HA109Delivery Process Models set of 8Set Rs. 6800.00HA110Development of Fetus/Embryo set of 9Set Rs. 3200.00

HA110L Development of Fetus/Embryo set of 9 Large size Rs. 7000.00

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. 1000.00

 HA113
 DNA 60 x 45 cm
 Each Rs. 1000.00

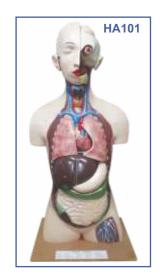
HA116 Human Placenta Model made of Fiber Glass Each Rs. 1300.00

Dissectable Models (Fibre Glass)

HA126 Eye Ball Each Rs. 260.00
HA127 Human Heart Each Rs. 260.00
HA128 Human Ear Each Rs. 260.00
HA129 Human Brain Each Rs. 260.00
HA130 Human Kidney Each Rs. 260.00

Fibre Glass Models (Wooden Base) size 81 × 31 cm Each Rs. 1000.00 HA151 **Human Digestive System** HA152 **Human Blood Circulatory** Each Rs. 1000.00 HA153 Each Rs. 1000.00 **Human Nervous System** HA154 Each Rs. 1000.00 Human Reproductive Male HA155 Human Reproductive Female Each Rs. 1000.00 HA156 **Human Excretory System** Each Rs. 1000.00 HA157 Each Rs. 1000.00

HA157Human Respiratory SystemEach Rs. 1000.00HA201Nursing Manikin Female Made of Fibre Glass Life SizeEach Rs. 17500.00HA202Nursing Manikin Male Made of Fibre Glass Life SizeEach Rs. 17500.00









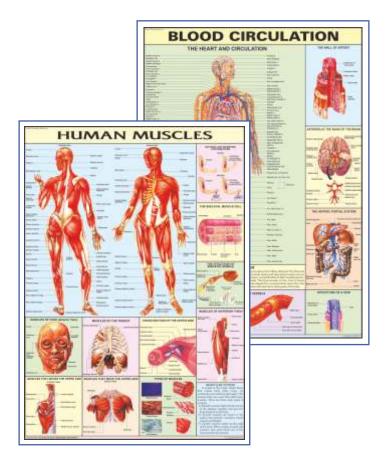


# **DETAILED HUMAN PHYSIOLOGY CHARTS**

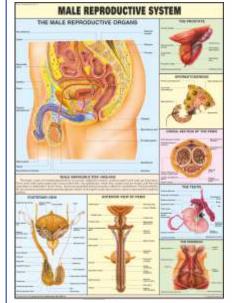


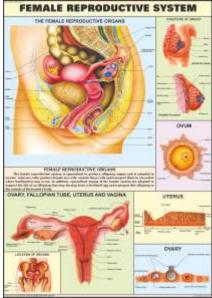
Printed in original colours. Everything requisite for thorough understanding of Human Physiology in its broad out line included. Each size 70 × 100 cm.

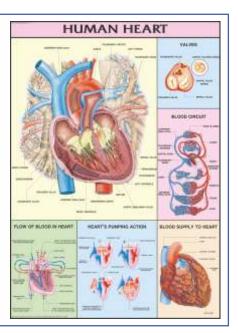
	(English Only)
The Skeleton	HP01S
Human Muscles	HP02S
Blood Circulation	HP03S
Nervous System	HP04S
Digestive System	HP05S
Human Eye	HP06S
Human Ear	HP07S
Kidney, Skin & Excretory Organs	HP08S
The Respiratory System	HP09S
Human Heart	HP10S
Endocrine System	HP11S
Male Reproductive System	HP12S
Female Reproductive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



Rigid lamination on Board with Aluminium frame Printed on synthetic paper and fitted with plastic rollers Rs.1650.00 each Rs. 180.00 each







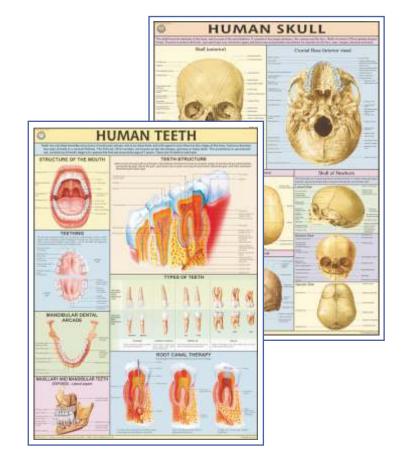
# **DETAILED HUMAN PHYSIOLOGY CHARTS**



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

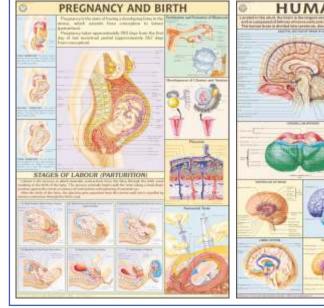
#### (English Only)

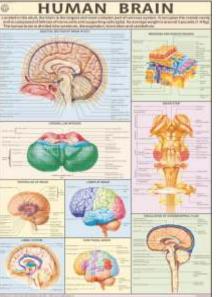
	(Eligiisii Olliy)
Human Brain	HP16S
Human Teeth	HP17S
Pregnancy & Birth	HP18S
Human Kidney	HP19S
Urinary Tract	HP20S
Human Skull	HP21S
Ear, Nose, Throat	HP22S
Liver, Gallbladder & Pancreas	HP23S
Human Lungs	HP24S
Joints of Human Body	HP25S
Immune System	HP26S
Human Skin	HP27S
Movable Joints	HP28S
Human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

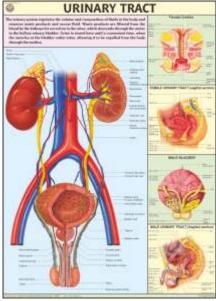


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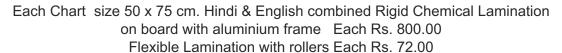
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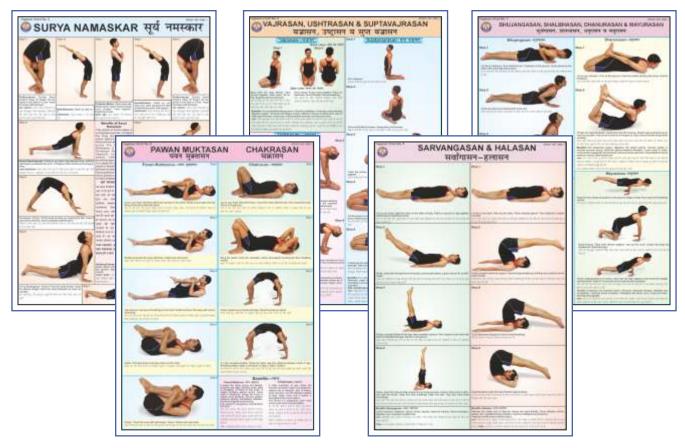






### **YOGASAN CHARTS**





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.

- Y001 Shuddhi Kriyas-Shat Karmas: Kunjal-Vaman Dhauti, Kapal Bhati, Ghrit Neti, Sutra Neti, Jal Neti, Vastra Neti, Dand Dhauti, Nauli Karma, Tratak, Basti etc.
- **Y002 Shankh Prakshalan:** Kagasan, Tadasan, Triyak Tadasan, Triyak Bhujangasan, Kati Chakrasan, Udarakarashanasan, Shavasan.
- **YO03** Surya Namaskar: A series of twelve steps, a complete exercise of all the parts of body. It makes the body strong, beautiful & active.
- YO04 Yog Mudras, Padmasan & Matsyasan: These remove Spinal & Cervical pain, Asthma, Diabetes, Mental weakness, Constipation, Gastric troubles, Knee pain, Eye Defects.
- **YO05** Paschimottanasan & Ardh Matsyendrasan: Spine becomes Flexible and Elastic, the Abdominal organs-the Digestive system, Nervous system are toned up.
- **YO06 Vajrasan, Ustrasan & Supt Vajrasan:** These remove cervical and slipdisc defects diseases of chest, lungs, heart, abdomen, kidney etc., excess fatness of Abdomen and back
- YO07 Bhujangasan, Shalbhasan, 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.



# **HEALTH, HYGIENE & SANITATION**

कारण

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

# PREVENT THE DISEASES containing 20 Charts

**Hindi & English Combined** Each chart depicts the Causes, Symptoms, Treatments, care to be taken.

PD01	* Cholera	PD11	Viral Diseases
PD02	* Malaria	PD12	Chicken Pox
PD03	* AIDS	PD13	* Dysentry
PD04	Plague	PD14	Hepatitis
PD05	Tuberculosis	PD15	Heart Attack
PD06	Leprosy	PD16	Diabetes
PD07	Influenza	PD17	Asthma
PD08	Jaundice	PD18	Arthritis
PD09	Cancer	PD19	Thyroid
PD10	* Typhoid	PD20	Blood Pressure

Each size 50 x 75 cm Rigid chemical lamination on Board Each Rs. 800.00 with Aluminium Frame Flexible Lamination with rollers Each Rs. 72.00

#### \* Also Available In

English - Kannada English - Malayalam English - Tamil English - Telugu









# **HEALTH, HYGIENE & SANITATION**

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

### **HEALTH CARE SERIES**

### containing 10 Charts

English & Hindi combined

HC01 \* Health Rules

HC02 \* Causes of Diseases

HC03 \* Prevention of Diseases

HC04 \* Effects of Alcohol

HC05 \* Tobacco & Habit Forming Drugs

HC06 \* Clean Body

HC07 \* Clean Water

HC08 \* Constituents of Food

HC09 \* Malnutrition

**Immunization** HC10

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English - Kannada English - Tamil English - Malayalam English - Telugu









लक्षण



# **CHARTS ON AIDS**

#### Size 70 x 100 cm

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.

<u>AS03S. Prevention:</u> 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.

<u>AS05S. Progress of Infection:</u> 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.

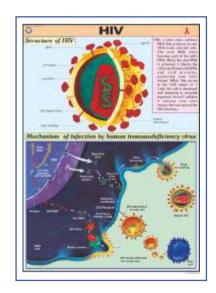
<u>AS07S. Sexually Transmitted Diseases:</u> showing various sexually transmitted diseases which increase the chances of acquiring HIV infection by an individual when exposed to the virus.

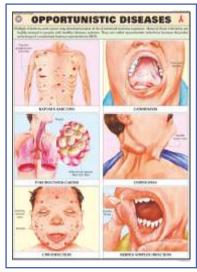
<u>HP26S. Human Immune System:</u> showing different organs involved in a healthy immune mechanism. As AIDS progressively weakens the immune system, chart gives an outline of functions of Immune System to better understand what AIDS can do.

Rigid chemical lamination on Board with

Aluminium Frame Rs. 1650.00 each

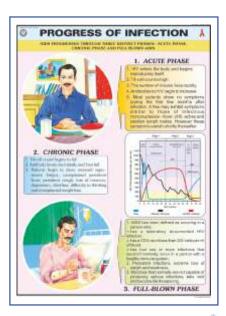
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### FIRST AID CHARTS



Each Chart size 50 X 75 cm

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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.

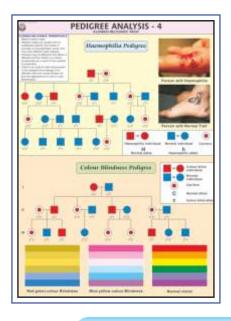
All the above Charts are available in English & Hindi combined also.

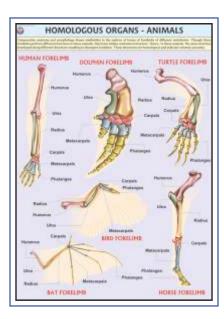
# **GENETICS & EVOLUTION CHARTS**

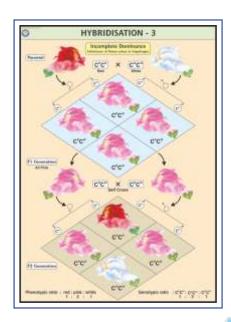


Rigid Chemical Lamination on Board with Aluminium Frame. Rs. 1650.00 Each Printed on Polyart Synthetic Paper, with rollers. Rs. 180.00 Each

- 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

Size 70 x 100 cm. English & Hindi combined.

Printed on offset paper, in full colour, using latest technology,
Rigid Chemical lamination on Board with Aluminium Frame. Price Rs. 1500.00 each
Flexible Lamination with rollers Rs. 130.00 each

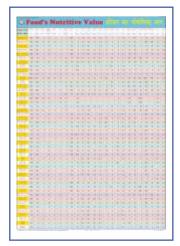
- FN01 **OUR FOOD**: Chart shows various components and functions of food. It also illustrates food pyramid mentioning balance diet and daily requirement of nutrients by different age groups.
- FN02 **PROTEINS**: Chart shows both animal and plant sources of protein. It also explains various functions 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 explainative 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.













# SCIENCE AND TECHNOLOGY CHARTS

size 58 × 90 cm (In English only) Laminated Rs. 150.00 each

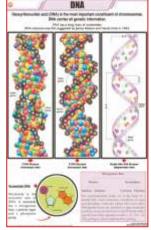
The charts aim at familiarising students with the subject in a very realistic way and in social context. These delineate the process of life and of the technology that conditions our world today. The students will come to know the intricacies of the phenomenon and how it can be best used for the benefit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



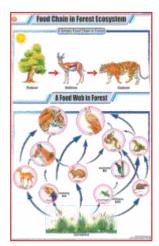
STB01 Plant Kingdom	List of the Charts	STZ19 Life Cycle of Butterfly
STB02 Typical Plant		STZ20 Life History of Housefly
STB03 Typical Plant Cell	STB33 Xerophytes	STZ21 Life History of Frog
STB04 Plant Cell Organelles	STB34 Insectivorous Plants	STZ22 Human Blood
STB05 Plant Tissues	STB35 Fungi	STZ23 Body's Defense
STB06 Plant Cell Mitosis	STB36 Algae	STZ24 Harmful Insects
STB07 Plant Cell Meiosis	STB37 Viruses	STZ25 Beneficial Insects
STB08 T.S. Stem - Monocot	STB38 Bacteria	STZ26 Food Habits of Birds
STB09 T.S. Dicot Stem (Sunflower)	STB39 Life Cycle of Fern	STZ27 Fish Anatomy
STB10 T.S. Root - Monocot	STB40 Life Cycle of Moss	STZ28 Birth of a Bird's Chick
STB11 T.S. of Dicot Root	STB41 Spirogyra	STZ29 Earthworm I:
STB12 T.S. Leaf - Monocot	STB42 Life Cycle of Mushroom	Ext. Morphology & Reproduction
STB13 T.S. Leaf - Dicot	STB43 Leaf Modification	STZ30 Earthworm II: Blood Circulation,
STB14 Types of Leaves	STB44 Parasitic Plants	Respiratory & Nervous System
STB15 Root Systems	STB45 Mucor : Structure & Reproduction	STZ31 Earthworm III:
STB16 Structure of Flower	STB46 Regions of Root	Digestion, Skin & Excretion
STB17 Calyx and Corolla	STZ01 Animal Kingdom	STZ32 Cockroach I:
STB18 Inflorescences	STZ02 Animal Cell	Morphology & Reproduction
STB19 Fruits	STZ03 Animal Cell Organelles	STZ33 Cockroach II: Blood Circulation,
STB20 The Seed :	STZ04 Animal Tissues	Respiratory & Nervous System
Structure & Germination	STZ05 Animal Cell Mitosis	STZ34 Cockroach III : Digestion,
STB21 Germination of Seed :	STZ06 Animal Cell Meiosis	Excretory, Skin & Muscles
Bean &Pea	STZ07 Gametogenesis in Animals	STZ35 Vertebrate Classes
STB22 Dispersal of Fruits & Seeds	STZ08 Fertilization in Animals	STZ36 Sense Organs
STB23 Photosynthesis	STZ09 Protozoa	STZ37 General Dissection of Rabbit
STB24 Plant Diseases	STZ10 Amoeba	STZ38 Neuron
STB25 Reproduction in Plants	STZ11 Malaria Parasite	STZ39 Early Development of the Frog
STB26 Pollination	STZ12 Paramoecium	STZ40 Frog's Morphology & Internal
STB27 Double Fertilization	STZ13 Hydra	Structure
STB28 Artificial Vegetative Propagation	STZ14 Liver Fluke	STZ41 Frog's Urogenital System
STB29 Stem Modifications	STZ15 Tapeworm	STZ42 Frog's Circulatory System
STB30 Root Modifications	STZ16 Roundworm (Ascaris)	STZ43 Frog's Nervous System
STB31 Hydrophytes	STZ17 Hookworm	STZ44 Frog's Muscular System
STB32 Mesophytes	STZ18 Life History of Mosquito	



STG13



STG02



STG25



STG15



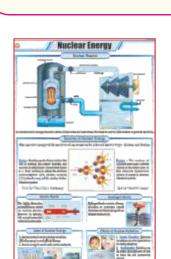
STG21

STG01 The Cell Theory STG22 Soil- A natural Resource STG02 DNA STG23 How Soil is formed and STG03 RNA Soil Profile STG04 Levels of Organization STG24 Types of Soils in India STG25 Food Chain in Forest STG05 Origin of Life STG06 Cellular Respiration Ecosystem STG07 Animal Husbandry STG26 Solar Cooker STG08 Economic Plants STG27 Water Harvesting STG09 Basic Agricultural STG28 Purification of Water STG29 Poultry **Practices** STG10 Medicinal Plants - I STG30 Sericulture STG11 Medicinal Plants - II (L.H. Silkworm) STG12 Energy Needs STG31 Apiculture STG13 Fossil Fuels (L.H. Honeybee)

STG14 Petroleum & Natural Gas STG32 Food Pyramid STG15 Renewable Sources of STG33 Microorganisms STG34 Mutation STG16 Nuclear Energy STG35 Enzymes STG36 DNA Replication

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STG19 Oxygen Cycle STG20 Carbon Cycle

STG17 Bio-Gas

STG16



STG12



STG18



STG03



STG23

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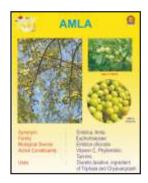
PH17P Cocoa

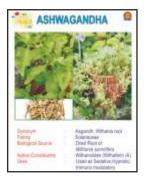
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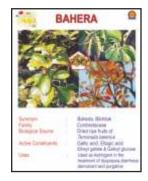
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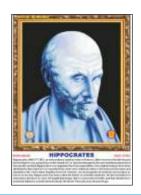
MM31 Florence Nightingale

MM32 Mother Teresa

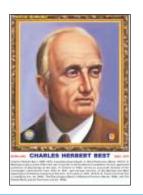
MM33 Oath Of Pharmacist

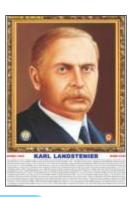
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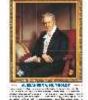


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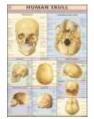
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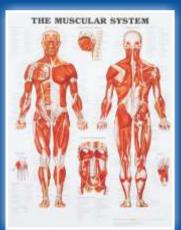
**Scientists Portraits** 

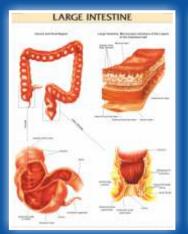


**Zoology Models** 

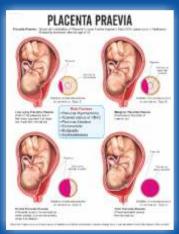
# Skill Development is Necessary for a Better World.



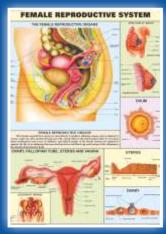




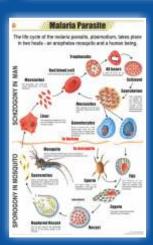












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