

# **THE INNER MAN DVD – CONTENTS IN DETAIL**

## **REGIONAL LEVEL OF ORGANIZATION**

### **HEAD and NECK REGION – 71 KEY ILLUSTRATIONS**

#### **HEAD and NECK OVERVIEW- 100-40 to 100-55**

- Skull – Anterior view – 100-40*
- Skull – Lateral view – 100-41*
- Fontanels of skull at birth – 100-42*
- Paranasal sinuses – Anterior projection – 100-43*
- Paranasal sinuses – Median view – 100-44*
- Paranasal sinuses – Drainage pathways – 100-45*
- TMJ ligaments – 100-46*
- TMJ Joint – 100-47*
- Head and neck sagittal section - 100-48*
- Mandible – 100-49*
- Hyoid bone – 100-50*
- Rhytidectomy – 100-51*
- Cervical vertebrae – 100-52*
- Cervical vertebrae – posterior – 100-53*
- Ligaments of atlas, axis and cervical vertebrae – 100-54*
- Cervical plexus – 100-55*

#### **BRAIN AND NERVOUS SYSTEM- 110-40 TO 110-66**

- Brain – Lobes of cerebrum – 110-40*
- Brain – Fissures, sulci and gyri of cerebrum – lateral view – 110-41*
- Brain – Functional areas of cerebrum – lateral view – 110-42*
- Brain – Fissures, sulci and gyri of cerebrum – superior view – 110-43*
- Brain – Functional areas of cerebrum – superior views – 110-44*
- Brain – Principal parts in frontal section – 110-45*
- Brain – Fissures, sulci and gyri of brain in frontal section – 110-46*
- Brain – Lobes and functional areas of brain in frontal section – 110-47*
- Brain – Meninges of brain in frontal section – 110-48*
- Brain – Blood-brain barrier – 110-49*
- Brain – Brain injury - 110-50*
- Nervous system overview – 110-51*
- Nervous system – Typical (motor) neuron – 110-52*
- Nervous system – Spinal cord, spinal nerves and plexuses – 110-53*
- Nervous system – Spinal cord meninges – 110-54*
- Nervous system – Vertebral column – 110-55*
- Nervous system – Spinal cord in vertebral column – 110-56*
- Nervous system – Herniated intervertebral disc – 110-57*
- Nervous system – Spinal Cord – cross section – 110-58*
- Nervous system – Spinal cord tracts (cervical section) – 110-59*
- Nervous system – Generalized reflex arc – 110-60*
- Nervous system – Stretch reflex – 110-61*
- Nervous system – Pyramidal pathway to skeletal muscles – 110-62*
- Nervous system – Synapse motor end-plate – 110-63*
- Nervous system – Sensory pathways to cortex – 110-64*
- Nervous system – Cutaneous sensory receptors – 110-65*
- Nervous system – Autonomic nerves to organs (heart) 110-66*

## **EYE – 120-40 to 120-45**

- Eye – Accessory structures of eye – 120-40*
- Eye – Lacrimal apparatus – 120-41*
- Eye – Eyelids – Sagittal section – 120-42*
- Eye – Bulb – Sagittal section – 120-43*
- Eye – Sclerocorneal junction – sagittal section – 120-44*
- Eye – Retina and optic nerve – 120-45*

## **EAR – 130-40 to 130-43**

- Ear – Frontal section – 130-40*
- Ear – Inner ear with stapes – 130-41*
- Ear – Middle and inner ear – 130-42*
- Ear – Cross section – Tympanic membrane tube – 130-43*

## **NOSE – 140-40 to 140-46**

- Nose – Nasal cavity relationships – 140-40*
- Nose – Olfactory nerve – 140-41*
- Nose – Olfactory nerve schematic – 140-42*
- Nose – Paranasal sinuses – anterior projection – 140-43*
- Nose – Paranasal sinuses – median view – 140-44*
- Nose – Paranasal sinuses – drainage pathways – 140-45*
- Nose – Rhinoplasty – 140-46*

## **MOUTH – 150-40 to 150-46**

- Mouth – Oral cavity – 150-40*
- Mouth – Mandible – 150-41*
- Mouth – Hyoid bone – 150-42*
- Mouth – Deciduous and permanent teeth – 150-43*
- Mouth – Typical tooth (molar) 150-44*
- Mouth – Tongue and taste zones – 150-45*
- Mouth – Taste bud cross section – 150-46*

## **LARYNX – 160-40 to 160-42**

- Larynx relationships – 160-40*
- Larynx and thyroid gland – 160-41*
- Larynx, thyroid and parathyroid gland – 160-42*

## **PHARYNX – 170-40**

- Parts of the pharynx – 170-40*

## **CHEST (THORAX) REGION – 54 KEY ILLUSTRATIONS**

### **CHEST OVERVIEW – 200-40 TO 200-46**

- Chest – Thoracic cavity contents 200-40*
- Chest – Transverse cross section of thorax – 200-41*
- Chest – Organs of respiratory system – 200-42*
- Chest – Thymus gland in young – 200-43*
- Chest – Major veins of chest – 200-44*
- Chest – Major arteries of chest – 200-45*
- Chest – Thoracic vertebrae – 200-46*

## **BREAST 210-40 to 210-51**

- Breast – Development of the breast – 210-40*
- Breast – Adult breast cross section – 210-41*
- Breast – Adult breast – 210-42*
- Breast – How to examine your breasts 1 – 210-43*
- Breast – How to examine your breasts 2 – 210-44*
- Breast – Fibrocystic conditions of breast – 210-45*
- Signs of breast cancer – 210-46*
- Growth of breast cancer – 210-47*
- Breast – Upper limb lymphatics – 210-48*
- Breast – Axilla lymphatics – 210-49*
- Breast – Reduction of mammoplasty – 210-50*
- Breast – Augmentation mammoplasty – 210-51*

## **RESPIRATORY SYSTEM – 220-40 to 220-53**

- Organs of respiratory system – 220-40*
- Upper respiratory organs – 220-41*
- Bronchial tree – 220-42*
- Larynx and thyroid gland, anterior view – 220-43*
- Larynx, thyroid and parathyroid glands, posterior view – 220-44*
- Trachea cross section – 220-45*
- Lungs – Lobes of the lungs, lateral views – 220-46*
- Lungs – Lobes of the lungs, medial views – 220-47*
- Lungs – Bronchopulmonary segments – 220-48*
- Lungs – Lobule of the lung – 220-49*
- Lungs – Histology of an alveolus – 220-50*
- Lungs – The respiratory membrane – 220-51*
- Asthma – Normal and Attack – 220-52*
- Heimlich maneuver – 220-53*

## **NORMAL HEART 230-40 to 230-51**

- Heart – Position of heart in thoracic cavity – 230-40*
- Heart – Thoracic transverse section – 230-41*
- Heart – Anterior external view – 230-42*
- Heart – Posterior external view – 230-43*
- Heart – Anterior cross section – 230-44*
- Heart valve action (mitral) – 230-45*
- Heart – Blood pathway through heart – 230-46*
- Heart – Blood pathway (diagram) – 230-47*
- Heart – Coronary arteries and veins – 230-48*
- Heart – Autonomic nerve control of heart – 230-49*
- Heart – Cardiac and pulmonary circulation – 230-50*
- Heart sounds and heart valves – 230-51*

## **HEART - CONGENITAL DEFECTS – 240-40 TO 240-48**

- Heart – Atrial septal defect – 240-40*
- Heart – Ventricular septal defect – 240-41*
- Heart – Patent ductus arteriosus – 240-42*
- Heart – Coarctation of aorta – 240-43*
- Heart – Tetralogy of Fallot – 240-44*
- Heart – Truncus arteriosus – 240-45*
- Heart – Mitral stenosis – 240-46*
- Defibrillators – 240-47*
- Pacemaker – 240-48*

## **ABDOMEN REGION – 62 KEY ILLUSTRATIONS**

### **ABDOMEN OVERVIEW – 300-40 to 300-53**

- Digestive system – Female – 300-40*
- Digestive system – Male – 300-41*
- Functions of digestive system – 300-42*
- Digestive system – Greater omentum – 300-43*
- Digestive system – Lesser omentum – 300-44*
- Digestive system – Mesenteries – 300-45*
- Digestive system – Schematic of peritoneum – 300-46*
- Digestive system – Hepatic portal circulation – 300-47*
- Digestive system – Superior mesenteric artery – 300-48*
- Digestive system – Inferior mesenteric artery – 300-49*
- Digestive system – Autonomic control - 300-50*
- Major arteries – 300-51*
- Major veins – 300-52*
- Abdominal vertebrae – 300-53*

### **ESOPHAGUS – 310-40 to 310-41**

- Esophagus – Swallowing – 310-40*
- Esophagus – Peristalsis – 310-41*

### **STOMACH – 320-40 to 320-45**

- Stomach – Anterior cutaway view – 320-40*
- Stomach – Peristalsis - 320-41*
- Stomach – Glands – 320-42*
- Stomach – Arteries – 320-43*
- Stomach – Peptic ulcers – 320-44*
- Stomach – Ulcer sites – 320-45*

### **LIVER – 330-40 to 330-45**

- Liver – Anterior view – 330-40*
- Liver – Inferior view – 330-41*
- Liver – Gallbladder and pancreas – 330-42*
- Liver – Junction of bile and pancreatic ducts – 330-43*
- Liver – Histology – 330-44*
- Liver – Hepatic portal circulation – 330-45*

### **SPLEEN, LYMPHATICS AND PANCREAS – 340-40 to 340-51**

- Spleen and kidney – 340-40*
- Spleen location and histology – 340-41*
- Spleen – Splenic artery – 340-42*
- Lymphatic system schematic – 340-43*
- Lymph node – 340-44*
- Lymphatic system components – 340-45*
- Lymphatic system – 340-46*
- Lymphatic system – Thoracic ducts drainage – 340-47*
- Pancreas and duodenum – 340-48*
- Pancreas – Blood supply – 340-49*
- Pancreas – Histology of islet of Langerhans – 340-50*
- Pancreas – Insulin and glucagon control – 340-51*

## **SMALL INTESTINES – 350-40 to 350-45**

- Small intestine – Digestive system – female – 350-40*
- Small intestine – Typical cross section – 350-41*
- Small intestine – Layers – 350-42*
- Small intestine – Glands of small intestine – 350-43*
- Small intestine – Villus drainage into blood and lymph – 350-44*
- Small intestine – Digestive system – superior mesenteric artery – 350-45*

## **LARGE INTESTINES – 360-40 to 360-44**

- Large intestine anatomy – 360-40*
- Large intestine – Inferior mesenteric artery – 360-41*
- Large intestine – Glands of large intestine – 360-42*
- Large intestine – Arteries of large intestine – 360-43*
- Large intestine – Lymphatics of large intestine – 360-44*

## **RECTUM AND ANUS – 370-40**

- Rectum and anus cross-section – 370-40*

## **KIDNEY AND URINARY SYSTEM– 380-40 to 380-49**

- Kidney – Urinary system – 380-40*
- Kidney – Male urinary system – 380-41*
- Kidney – Female urinary system – 380-42*
- Kidney and adrenal glands relationships – 380-43*
- Kidney cross section – 380-44*
- Kidney blood supply – 380-45*
- Kidney – Glomerular filtration – 380-46*
- Kidney – The nephron and juxtaglomerular apparatus – 380-47*
- Kidney – Renal corpuscle – 380-48*
- Bladder and female urethra – 380-49*

## **PELVIS AND REPRODUCTIVE SYSTEMS - 20 KEY ILLUSTRATIONS**

### **PELVIS OVERVIEW – 500-40 to 500-47**

- Pelvis – Typical male pelvis – 500-40*
- Pelvis – Lateral and medial views 500-41*
- Pelvis – Pelvic bones – 500-42*
- Pelvis – Typical female and male pelvis – 500-43*
- Pelvis – Ligament of pelvis – anterior view – 500-44*
- Pelvis – Ligaments of pelvis – posterior view – 500-45*
- Pelvis – Lumbar plexus 500-46*
- Pelvis – Lumbar and sacral vertebrae – 500-44*

### **FEMALE REPRODUCTIVE SYSTEM – 510-40 to 510-46**

- Female reproductive system – 510-40*
- Female organs – 510-41*
- Female uterus and ovaries – Posterior view – 510-42*
- Female ovary cross section – 510-43*
- Female menstrual cycle – 510-44*
- Female ovum pathway – 510-45*
- Female conception – 510-46*

## **MALE REPRODUCTIVE SYSTEM – 520-40 to 520-47**

*Male reproductive system – 520-40*

*Male penis and urethra – 520-41*

*Male reproductive organs 520-42*

*Male spermatic cord – 520-43*

*Male testis cross section – 520-44*

*Male testis spermatogonia – 520-45*

*Male sperm pathways – 520-46*

*Male role in conception – 520-47*

## **PERINEUM – 530-40 to 530-41**

*Female perineum – 530-40*

*Male perineum – 530-41*

## **UPPER LIMB REGION – 27 KEY ILLUSTRATIONS**

### **UPPER LIMB OVERVIEW – 600-40 to 600-48**

*Upper limb – Skeletal system – 600-40*

*Upper limb bones – 600-41*

*Upper limb – Typical synovial joint – 600-42*

*Upper limb – Ligaments of shoulder – anterior view – 600-43*

*Upper limb – Brachial plexus – 600-44*

*Upper limb nerves – 600-45*

*Upper limb arteries – 600-46*

*Upper limb veins – 600-47*

*Upper limb lymphatics – 600-48*

### **SHOULDER-ARM - 610-40 to 610-52**

*Shoulder bones – 610-40*

*Shoulder muscles – 610-41*

*Shoulder joint ligaments – 610-42*

*The shoulder joint – 610-43*

*Shoulder joint – Subdeltoid bursitis – 610-44*

*Shoulder joint – Osteoarthritis – 610-45*

*Shoulder joint – Rheumatoid arthritis – 610-46*

*Shoulder joint – Rheumatoid arthritis progression – 610-47*

*Shoulder – Rotator cuff injury – partial rupture – 610-48*

*Shoulder – Rotator cuff injury – complete tear – 610-49*

*Shoulder – Lymphatics – 610-50*

*Arm bones – 610-51*

*Arm fractures – 610-52*

### **ELBOW – FOREARM – 620-40 to 620-42**

*Elbow and forearm bones – 620-40*

*Elbow joint – 620-41*

*Elbow ligaments – 620-42*

### **HAND – 630-40 to 630-4**

*Hand bones – 630-40*

*Palmar ligaments of hand – 630-41*

## **LOWER LIMB REGION – 22 KEY ILLUSTRATIONS**

### **LOWER LIMB OVERVIEW – 700-40 to 700-46**

- Lower limb bones 700-40*
- Lower limb - Sacral plexus – 700-41*
- Lower limb nerves – 700-42*
- Lower limb arteries – 700-43*
- Lower limb veins – 700-44*
- Lower limb lymphatics – 700-45*
- Lower limb – Skeletal system – 700-46*

### **HIP AND THIGH – 710-40 to 710-45**

- Hip ligaments – Anterior – 710-40*
- Hip ligaments – Posterior – 710-41*
- Hip joint cross section – 710-42*
- Hip joint – Typical synovial joint – 710-43*
- Hip - Inguinal lymphatics – 710-44*
- Thigh bones – 710-45*

### **KNEE – 720-40 to 720-44**

- Knee ligaments – Anterior – 720-40*
- Knee ligaments – Posterior – 720-41*
- Knee - cruciate ligaments – 720-42*
- Knee joint cross section – 720-43*
- Knee lymphatics – 730-44*

### **LEG AND FOOT – 730-40 to 730-43**

- Leg bones – 730-40*
- Leg - Ankle joint ligaments – Posterior – 730-41*
- Foot bones – Dorsal and medial – 730-42*
- Foot -Arches – 730-43*