

# RADIOLOGICAL CROSS-SECTIONAL ANATOMY WITH MULTIDETECTOR CT: THORAX, ABDOMEN AND PELVIS DVD-ROM



## An exciting new resource for anyone involved in interpretation of radiological scans

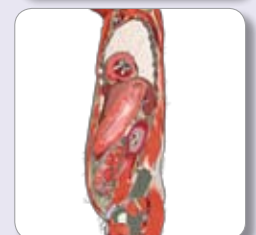
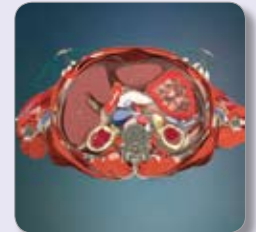
The disk gives you access to thousands of clear and accurate images, in an intuitive digital format, providing the user with an invaluable aid to cross section anatomy, CT and MRI interpretation and a stunning 3D anatomy image library.

View hundreds of clear and accurate 3D anatomy images of the thorax, abdomen and pelvis. Add and remove layers, rotate and label any structure with the click of a mouse.

In the cross sectional anatomy section, use advanced functionality to select a region, modality, plane and contrast then scroll through labeled cross sections and compare with CT scans of the whole trunk, thorax, abdomen and pelvis or MRI of the male and female pelvis.

Label any structure on either the cross section or the scans and follow through all the available slices using your mouse. Structures labels are clearly mapped in 2D, rather than just pointed to give the structure circumference. You can also view the structure labels as a color overlay.

- **Learn, revise and teach more easily using clear, accurate labeled cross sectional anatomy linked to high quality CT and MRI scans.**
- **Quick and easy access to thousands of clear and accurate 3D and cross section images for presentations and lectures.**
- **You're in control – intuitive interactive functions allow the user to select area, modality and plane and label relevant structures real time.**



## RADIOLOGY SECTION:

Advanced functionality allows you to select the region, modality, plane and contrast (for CT) you want, label any structure, compare to cross section anatomy and scroll through all layers available.

### Multi-detector CT

Choose to view CT of the whole trunk, chest, abdomen or pelvis in axial, sagittal or coronal planes and at 1.5mm slices.

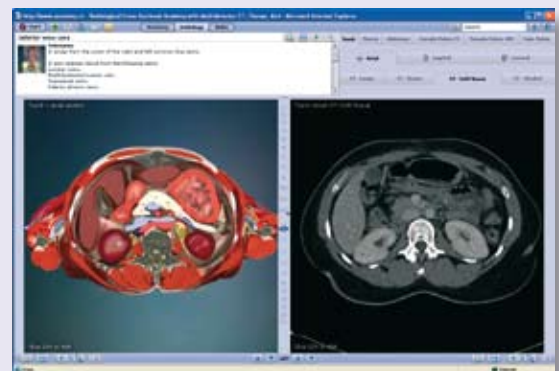
Includes over 300 labeled structures

Choice of 3 CT contrasts – bones,

### MRI

Female Pelvis MRI in T1 and T2 at 5mm slices.

Male Pelvis MRI in T1 and T2 at 5mm slices



### Head Office

Primal Pictures Ltd

4<sup>th</sup> Floor Tennyson House, 159-165 Great Portland Street, London W1W 5PA. United Kingdom

Telephone: +44 (0) 20 7637 1010 Fax: +44 (0) 20 7636 7776

[www.primalpictures.com](http://www.primalpictures.com)

## 3D ANATOMY:

3D anatomy section includes over 60 interactive 3D views of thorax, abdomen and pelvis including respiratory system, heart, lungs, digestive system and organs and male and female reproductive system in 3D.

All 3D models are interactive – rotate and add/remove anatomy layers.

Label any visible structure and highlight it to view succinct anatomy text.

### Thorax

- Respiratory System
- Bronchial tree
- Lungs
- Segments of the lungs
- Pleura
- Heart – overview
- Position of the heart
- Pericardium
- Chambers of the Heart
- Cardiac cycle right and left
- Conducting System
- Breast and mammary glands
- Parasympathetic nervous system of the thorax
- Sympathetic nervous system of the thorax

### Abdomen

- Quadrants of the abdomen
- Regions of the abdomen
- Peritoneum
- Digestive System
- Stomach
- Stomach wall
- Small intestines
- Large intestines
- Rectum and anal canal
- Spleen Liver
- Segments of the liver
- Hepatic System
- Gall bladder and biliary tree
- Pancreas
- Urinary System
- Suprarenal glands
- Kidney
- Renal calyces
- Renal Vessels
- Ureters
- Parasympathetic nervous system of the abdomen
- Sympathetic nervous system of the abdomen
- Muscles of the trunk
- Muscles of the back
- Diaphragm

### Female Pelvis

- Bladder and urethra
- Muscles of the female pelvic floor
- Female reproductive system
- Female reproductive tract
- Position and support of the uterus
- Female external genitalia
- Parasympathetic nervous system of the female pelvis
- Sympathetic nervous system of the female pelvis

### Male Pelvis

- Bladder and urethra
- Muscles of the male pelvic floor
- Male reproductive system
- Testis
- Spermatic cords and scrotum
- Spermatic ducts
- Male reproductive accessory glands
- Penis



### Lead contributor

**Muaaze Ahmad, MBChB, FRCR**

*Consultant Radiologist, Barts and the Royal London NHS Trust*

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### Technical Specification:

PC: Windows 98 and above including Vista  
Mac: OS X and above including Leopard.

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