

3D HEAD & NECK ANATOMY WITH SPECIAL SENSES AND BASIC NEUROANATOMY DVD-ROM



Winner – FREDDIE 2008 award – The International Health & Medical Education Media Awards 2008 – Health Education Category

Winner – FREDDIE 2008 award – The Michael E DeBakey, MD award for Outstanding Educational Entry

Winner of the BMA Book Prize – First prize in the Electronic Books Category

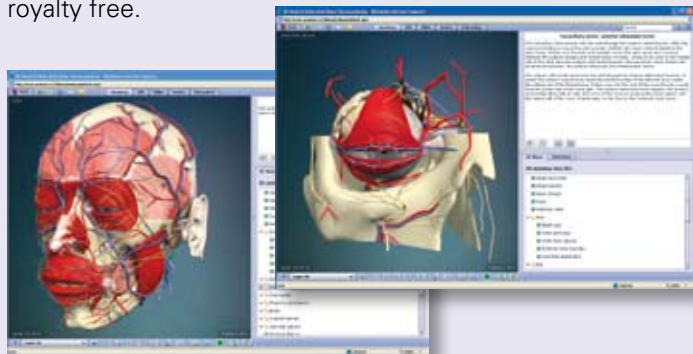
An interactive resource that give you access to stunning 3D computer graphic modeling of the head, neck, face, ear, nose, throat, eye, cranial nerves, sinuses, teeth and brain. Interactive functions allow you to rotate the model through 360 degrees and add or remove layers of anatomy to view and label any feature with ease. Clicking on a feature will bring up hot links to all relating text, dissections, clinical slides, diagrams, illustrations, video clips and functional anatomy animations. Simple edit functions allow you to export and print any image from the software for use in your own presentations, patient education and student handouts.

The eye module is especially impressive. The eye can be viewed at any angle and layers can be peeled back to reveal different structures within the eye. In addition, there are layered 3D images of the eye orbit including detailed views of the vascular supply and distribution of nerves, extrocular muscles and lacrimal apparatus.

View relevant anatomy in a new perspective through interactive and 3D modeling – interactive functions allow you to rotate any 3D models through 360 degrees, add/remove layers of anatomy and label any feature with ease.

Quick and easy access to accurate anatomy, clinical images and text – clicking on any visible structure will bring up relating text and hotlinks to a library of additional images - dissections, clinical slides, diagrams and annotated illustrations.

Make an impression – simple edit functions allow you to export and print any image from the software for use in your own presentations, patient education and student handouts, royalty free.



3D ANATOMY:

Choose from over 80 3D anatomy views - all main views allow you to rotate and add/remove layers of anatomy from the models.

Head and Neck Head and Neck (close) Anterior neck

Eye

Right eye
Orbit and eye
Orbit from above
Extrinsic eye muscles
Lacrimal apparatus

Ear

External, middle and inner ear
Middle ear
Inner ear

Oronasal cavities

Overview
Neurovasculature

Oral cavity

Oral cavity and infratemporal fossa
Tongue
Tight TMJ
Muscles of swallowing

Pharynx and larynx

Pharynx and larynx
Pharynx and larynx – close up
Larynx
Laryngoscopic view

Cranial nerves

Olfactory nerve
Optic nerve
Oculomotor nerve
Facial nerve
Vestibular cochlear nerve
Glossopharyngeal nerve
Vagus nerve
Accessory nerve
Hypoglossal nerve
Trochlear nerve
Trigeminal nerve
Abducens nerve

Brain

Meninges
Dural folds
Ventricles
Brain stem
Cerebellum
Cerebrum
Basal nuclei
Limbic system
Blood vessels of the brain

Cervical Plexuses

Dermatomes
Cutaneous innervations
Surface anatomy

Skull

Skull
Skull – axial section
Skull – Medial section
Paranasal sinuses
Dentition

Individual bones

Clavicle (right)
Ethmoid bone
Frontal bone
Hyoid bone
Incus (right)
Interior nasal concha (right)
Lacrimal bone (right)
Malleus (right)
Mandible
Manubrium sterni
Maxilla (right)
Nasal bone
Occipital bone
Palatine bone (right)
Parietal bone (right)
Sphenoid bone
Stapes (right)
Temporal bone (right)
Vomer
Zygomatic bone (right)
1st cervical vertebra
2nd cervical vertebra
4th cervical vertebra
7th cervical vertebra

All 3D models are interactive and fully labelled with detailed explanatory anatomy text and links to all relating content within the software.

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MRI SECTION:

Link the 3D model with MRI scans in 3 planes (axial, sagittal, coronal) and move through 32 slices of both the model and MRI.

Movies

Biomechanics animations

10 showing functional anatomy of the Temporomandibular Joint

Movement animations (103)

Surface anatomy videos (11)

Slides

Anatomy illustrations (53)

Clinical slides (26)

Dissection slides (22)

Head MRI (32 axial, 22 coronal, 13 sagittal)

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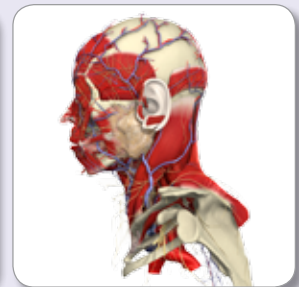
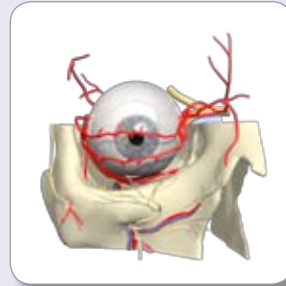
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Technical Specification:

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



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If you have any further queries regarding the content of this DVD-ROM,
please contact us emma@primalpictures.com