

2011/12



MEDICAL & SCIENCE MEDIA

Dentistry SOFTWARE

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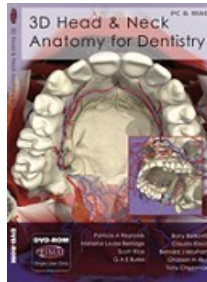
Fax: (02) 9675 7702

<http://www.msmedia.com.au/dentistry-software.php>

[Cat #: PR-45](#)

3D Head and Neck for Dentistry - Wins & Mac

3D Head & Neck Anatomy for Dentistry is a stunning new 3D anatomy resource for dentists in training and practice providing an encyclopedic image library and reference to enhance consultations, presentations, teaching and study.



View clear, detailed and accurate 3D modeling of the key anatomy for dentistry. Choose from over 100 3D views of head, neck, face, oral and nasal cavities, dentition, individual teeth in 3D and cross section, nerves, larynx and pharynx, sinuses, eye, brain and more.

Specialised clinical content includes 3D views of progressive dental conditions such as caries and gingivitis and detailed and interactive 3D nerve views of intraoral injections. Clinical text section covers teeth, dental anesthesia, examination, face, spread of infection, salivary glands, joints, embryogenesis and pterygopalatine fossa.

Benefits

- View relevant anatomy how you want in clear and accurate 3D
- Quick and easy access to accurate anatomy and clinical images, text
- Save time and money finding images

Detailed List of Views

Head and Neck
Face
Anterior neck
Oral and nasal cavities

Oral cavity:

Tongue
 Muscles of swallowing
 Palate from below
 Floor of oral cavity

Pharynx and larynx

Dentition:

Overview
 Individual teeth models
 Right and left maxillary teeth
 Right and left mandibular
 Teeth cross sections

Nerves:

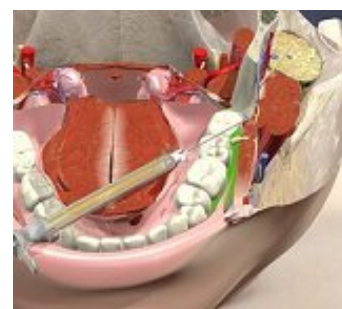
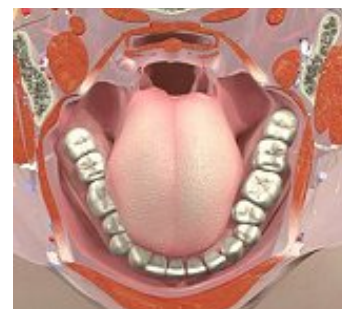
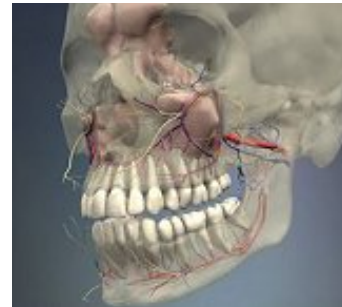
12 cranial nerves
 Cervical plexus
 Intraoral injections including 8
 maxillary nerve blocks and 3 mandibular nerve block

Ear

Eye

Brain:

Meninges
 Dural folds
 Ventricles



Cerebellum
Cerebrum
Blood vessels

Skull:

Paranasal sinuses
Individual bones
Cranial bones
Facial bones

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

Anatomy Section

- Teeth – overview, incisors, canines, premolars, molars, deciduous teeth, anomalies and pathology.
- Dental Anesthesia – including infiltration anesthesia and nerve blocks, mental nerve and incisive nerve block complications.
- Examination – oral examination, full history, head and neck examination, cranial nerve examinations, cranial nerve pathology.
- Face – skeletal framework, pathology of the face, maxillary sinuses.
- Spread of infection - overview, oral microflora, dentoalveolar abscesses – overview, management, clinical features and complications.
- Salivary gland – submandibular and sublingual glands, submandibular triangle, submental triangle, parotid gland.
- Joint overview – TMJ, muscles of mastication.
- Embryogenesis – Pharyngeal pouches, cleft and arches, thyroid, tongue, palate.
- Pterygopalatine Fossa & pterygoid venous plexus

Animations:

- 10 showing functional anatomy of the Temporomandibular Joint
- Facial muscle animations
- Neck muscle animations

MRI Section

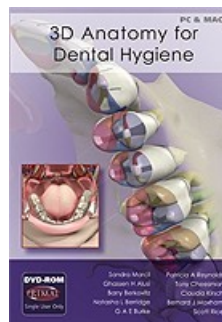
Link and compare the 3D model with MRI scans in 3 planes (axial, sagittal, coronal) and move through slices of both the model and MRI.

System Requirements: PC/Windows OS: Windows XP, Vista. **Macintosh:** Mac OSX10.3, 10.4, 10.5, 1.5Ghz Processor or greater, 200MB RAM, 24-bit colour. 1024x768 screen resolution.

[Cat #: PR-49](#)

3D Anatomy for Dental Hygiene - Wins

-an encyclopedic 3D anatomy atlas and reference tool for dental hygienists in training and practice.



Perfect for learning, reviewing and conveying complex anatomy in a memorable 3D, this easy to use digital resource provides clear, detailed and accurate 3D modeling of the head, oral and nasal cavities, dentition, individual teeth in 3D – including regions showing cusps, grooves, pits, ridges and roots.

Specialised clinical content includes 3D views of progressive dental conditions such as caries and gingivitis and detailed and interactive 3D nerve views of intraoral injections. Clinical text section covers teeth, dental anesthesia, examination, face, spread of infection, salivary glands, joints, embryogenesis and pterygopalatine fossa.

System Requirements: Microsoft XP, Vista, Windows 7, Mac OSX 10.3, 10.4 , 10.5 , 10.6, Processor speed: 1.5 GHz with 512 MB of RAM, Disk Space: 200 MB, Screen display: 1024 x 768 screen, DVD drive required.

[Cat #: TCP-7](#)

Identification of Dental Instruments – Wins

It provides a concise format that is organised according to function and procedure. The hands-on flash card book PLUS the interactive CD-ROM facilitates multiple learning styles and can be used in a classroom setting or for independent study.



Interactive crossword puzzles, flash card games , and bur and extraction forceps activities make learning interesting and fun. Units of Study: Hand Instruments, Basic Hand Instruments, Cavity Preparation Restorative Instruments Dental Dam Instruments Fixed Prosthodontic Instruments Accessory Instruments Oral and Maxillofacial Surgery Instruments Endodontic Instruments Periodontic Instruments Orthodontic Instruments Rotary Instruments



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