**3D HEAD & NECK ANATOMY FOR DENTISTRY DVD-ROM**

Announcing the stunning new 3D anatomy resource from Primal Pictures – 3D Head & Neck Anatomy for Dentistry – an encyclopedic image library and reference tool for dentists in training and practice.

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.

**View relevant anatomy how you want in clear and accurate 3D** – interactive functions allow you to rotate the 3D models through 360 degrees and add or remove layers of anatomy to view and label any feature with ease.

**Quick and easy access to accurate anatomy and clinical images, text** – clicking on any visible structure will bring up relating text and hotlinks to hundreds of additional images - dissections, clinical slides, diagrams, annotated illustrations, video clips and functional anatomy animations.

**Save time and money finding images** – 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.
CLINICAL CONTENT:

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

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

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