What is this resource about?

Designed for otolaryngologist head and neck surgeons in practice, teaching and training, this fantastically detailed electronic resource, created in collaboration with a team of expert clinicians and educators, provides a comprehensive and accurate 3D anatomy atlas and surgical reference.

What does this resource have?

Ideal for learning, reviewing and teaching anatomy and procedures, this title features highly detailed, accurate and interactive 3D anatomy models of the skull, head, neck, face, ear, nose, throat, eye, brain, cranial nerves and more.

There are great specialised surgery orientated views of the inner ear, nasal and oral cavities - including endoscopic views of the nose and throat - and many cross section views.

Clinical components includes surgical procedures with narrated movie clips and narration such as endoscopic sinus surgery, neck dissection and laryngectomy.

You will be able to:

- Enhance your practice, consultations and teachings.
- Make patient education more effective and engaging by increasing patient understanding using the software and images in your consultations.
- Have quick and easy access to literally thousands of anatomy and clinical images for your presentations, that are easy to download and print.

Features

- Peel away layers of anatomy from skin to bone and rotate and zoom the 3D model at any stage.
- An easy to use interface and functionality.
- Search and help function.

Anatomy

Over 90 anatomy views including head and neck, ear, cranial bones, facial bones, oral and nasal cavity plus much more.

Animations

Over 120 movement animations covering eye, face, cervical spine, larynx/pharynx and the TMJ that can be exported and used in PowerPoint™.

Videos

19 clinical videos (including 16 surgical procedures)
What are the contents of this resource?

3D Anatomy Section: Over 90 3D anatomy views including:

- Head and neck
  - Head and neck
  - Head
  - Face
  - Muscles of head and neck
- Ear
  - External
  - Middle and inner ear
  - Middle ear (posterior)
  - Inner ear and facial nerve
  - Cochlea (cross section) Nose
  - External nose
  - Lateral nasal cavity
  - Nasal endoscopic view
- Throat
  - Pharynx and larynx
  - Larynx
  - Laryngoscopic view
- Oral cavity
  - Oral cavity
  - Submandibular region
  - Tongue
  - Palate from below
  - Floor of the oral cavity (from above)
- Oronasal cavities
  - Oronasal cavity and neurovasculature Orbit
  - Orbit and eye
  - Lacrimal apparatus
- Neck
  - Neck
  - Anterior neck
  - Cervical fascia & spaces
  - Cervical spaces
  - Anterior triangle of the neck
  - Posterior triangle of the neck
  - Deep triangles
- Skull
  - Median section
  - Skull-axial section
  - Cranium (axial)
  - Cranium (interior and base)
  - Right temporomandibular joint
- Dentition
  - Dentition and para nasal sinuses
  - Molar (cross section)
- Cranial bones
  - Ethmoid
  - Frontal
  - Occipital
  - Parietal
  - Sphenoid
  - Temporal
- Facial bones
  - Inferior nasan concha
  - Lacrimal bone
  - Mandible
  - Maxilla
  - Nasal bone
  - Palatine bone
  - Zygomatic bone
  - Vomer bone
  - Hyoid bone
- Nervous system
  - Spinal cord
  - Spinal cord (cross section)
  - Spinal cord (tract)
  - Spin al nerves
- Cervical plexus
  - Phrenic nerve
  - Lesser occipital nerve
  - Greater auricular nerve
  - Transverse cutaneous nerve
  - Ansa cervicalis
  - Supraclavicular nerve
  - Brachial plexus
- Autonomic nervous system
  - Parasympathetic nervous system
  - Sympathetic nervous system
- Brain
  - Meninges
  - Dural folds
  - Ventricles
  - Brain stem
  - Cerebellum
  - Cerebrum
  - Motor and sensory homunculi
  - Basal ganglia
  - Basal nuclei
  - Limbic system
  - Blood vessels of the brain
- Cranial nerves
  - I olfactory nerve
  - II optic nerve
  - III oculomotor nerve
  - IV trochlear nerve
  - V trigeminal nerve
  - VI abducens nerve
  - VII facial nerve
  - VIII vestibulocochlear nerve
  - IX glossopharyngeal nerve
  - X vagus nerve
  - XI accessory nerve
  - XII hypoglossal nerve
- Surface anatomy
  - Dermatones
  - Cutaneous innervation
  - Transparent skin
Clinical and surgical section. Topics and procedures covered include:

**Development**
- Overview of pharyngeal arches, clefts and pouches
- Development of the tongue
- Development of the palate
- Development of the larynx
- Development of the thyroid and parathyroid glands

**Surgical procedures**
- Neck Dissection
- Supraomohyoid neck dissection
- Modified radical neck dissection
- Radical neck dissection
- Closure after neck dissection
- Partoidectomy
- Laryngectomy
- Craniofacial resection
- Thyroidectomy

**Patient Examination with relevant video clips with narration**
- Physical Examination of the ear
- Physical Examination of the nose
- Physical Examination of the mouth and throat

**Otology**
- Mastoid surgery
- Tympanoplasty
- Facial nerve decompression
- Stapedectomy

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**Who are the authors?**

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