

# Head and Neck Imaging Cases: A Comprehensive Review for Radiologists, Residents, and Medical Students

The head and neck region is a complex anatomical area that encompasses various structures, including the brain, skull, facial bones, sinuses, and neck tissues. Imaging plays a crucial role in diagnosing and managing head and neck conditions, providing valuable insights into the underlying pathology and guiding treatment decisions. *Head and Neck Imaging Cases: The McGraw-Hill Radiology Series* offers a comprehensive collection of case studies designed to enhance radiologists', residents', and medical students' understanding of head and neck imaging findings.

## Key Features

- **Extensive Case Coverage:** The book presents over 100 meticulously selected case studies, categorized into various sections, such as neuroimaging, skull base imaging, and maxillofacial imaging.
- **High-Quality Imaging:** Each case is illustrated with a wide range of high-quality images, including CT, MRI, and ultrasound, providing a comprehensive visual representation of the findings.
- **Detailed Explanations:** Each case includes in-depth explanations of the imaging findings, differential diagnoses, and relevant clinical information, enabling readers to grasp the key concepts.

li>**Multidisciplinary Approach:** The cases are presented from a multidisciplinary perspective, incorporating insights from neuroradiology, head and neck surgery, and otolaryngology.



## Head and Neck Imaging Cases (The McGraw-hill Radiology Series) by Adolph Barr

★★★★☆ 4 out of 5

Language : English  
File size : 246450 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 3711 pages



- **Interactive Learning:** The book encourages active learning through self-assessment quizzes and discussion points, allowing readers to test their knowledge and engage in discussions.

### Sections and Case Examples

The book is divided into eight sections, each covering a specific aspect of head and neck imaging:

#### 1. Neuroimaging

\* Case 1.1: Acoustic Neuroma Presenting as a CPA Mass \* Case 1.2: Pituitary Macroadenoma with Suprasellar Extension

#### 2. Skull Base Imaging

\* Case 2.1: Internal Carotid Artery Aneurysm \* Case 2.2: Clivus Chordoma

#### 3. Maxillofacial Imaging

\* Case 3.1: Maxillary Sinus Opacification and Mucosal Thickening \* Case 3.2: Mandibular Fracture with Dental Trauma

## 4. Temporomandibular Joint Imaging

\* Case 4.1: Unilateral TMJ Disc Displacement without Reduction \* Case 4.2: TMJ Osteoarthritis with Joint Space Narrowing

## 5. Sinonasal Imaging

\* Case 5.1: Chronic Sinusitis with Mucosal Thickening and Polyp Formation  
\* Case 5.2: Nasal Cavity Mass with Bone Erosion

## 6. Neck Imaging

\* Case 6.1: Thyroid Nodule with Suspicious Features \* Case 6.2: Parathyroid Adenoma

## 7. Head and Neck Infections

\* Case 7.1: Ludwig's Angina Presenting as Bilateral Neck Swelling \* Case 7.2: Retropharyngeal Abscess

## 8. Head and Neck Trauma

\* Case 8.1: Traumatic Brain Injury with Subarachnoid Hemorrhage \* Case 8.2: Cervical Spine Fracture with Cord Involvement

## Benefits for Healthcare Professionals

*Head and Neck Imaging Cases: The McGraw-Hill Radiology Series* serves as an invaluable resource for:

- **Radiologists:** Refine their diagnostic skills and enhance their understanding of complex head and neck imaging findings.
- **Residents:** Gain a comprehensive understanding of head and neck imaging, preparing for board exams and clinical practice.

- **Medical Students:** Establish a strong foundation in head and neck imaging, facilitating their transition into clinical rotations.
- **Other Healthcare Professionals:** Enhance their knowledge of head and neck imaging, improving their ability to collaborate with radiologists and contribute to patient management.

*Head and Neck Imaging Cases: The McGraw-Hill Radiology Series* is an essential tool for healthcare professionals seeking to master head and neck imaging. Its comprehensive case coverage, high-quality imaging, detailed explanations, and interactive learning features provide an unmatched educational experience. By utilizing this resource, readers can significantly improve their diagnostic accuracy, enhance their patient care, and advance their careers in radiology and related fields.



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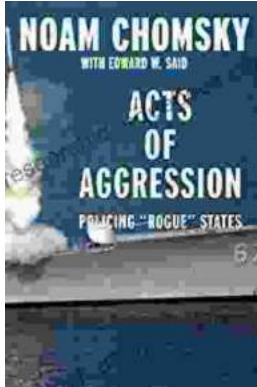
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