

Contents

SECTION 1: NORMAL ANATOMY AND IMAGING

- 1. Imaging Modalities and Techniques** **3**
Devasenathipathy Kandasamy, Chandrashekhara SH
- 2. Sinonasal Anatomy: Structure-wise** **14**
Jyoti Kumar, Ashu Seith Bhalla, Manisha Jana
- 3. Sinonasal Anatomy: Section-wise** **41**
Jyoti Kumar

SECTION 2: INFLAMMATORY NASAL CONDITIONS

- 4. Imaging in Rhinosinusitis (Inflammatory Diseases)** **57**
Ashu Seith Bhalla, Smita Manchanda
- 5. Imaging in Polyps and Mucocoeles** **77**
Smita Manchanda, Ashu Seith Bhalla
- 6. Chronic Rhinosinusitis: Clinical Aspects** **94**
Arvind Kumar Kairo, Hitesh Verma
- 7. Imaging in Fungal Sinusitis** **99**
Ashu Seith Bhalla, Smita Manchanda
- 8. Fungal Diseases of Nose and Paranasal Sinuses: Surgical Aspects** **113**
Suresh C Sharma, Kapil Sikka
- 9. Pre- and Post-Functional Endoscopic Sinus Surgery Imaging** **118**
Ankur Goyal, Ashu Seith Bhalla, Arvind Kumar Kairo

SECTION 3: TUMOR AND TUMOR-LIKE CONDITIONS

- 10. Pathology of Sinonasal Lesions** **137**
Deepali Jain
- 11. Pathology of Bony/Cartilaginous Sinonasal Tumors** **150**
Asit R Mridha, Adarsh W Barwad

12. Benign Tumors of the Nose and Paranasal Sinuses: Imaging	160
<i>Smita Manchanda, Ashu Seith Bhalla</i>	
13. Benign Sinonasal Tumors: Surgical Perspective	182
<i>Chirom Amit Singh, Suresh C Sharma</i>	
14. Malignant Tumors of Sinonasal Cavities: Imaging	188
<i>Mukesh Yadav, Devasenathipathy Kandasamy</i>	
15. Malignant Tumors of Nose and Paranasal Sinuses: Surgical Perspective	201
<i>Rajeev Kumar, Hitesh Verma</i>	
16. Radiation and Chemotherapy in Management of Malignant Sinonasal Tumors	209
<i>Dodul Mondal</i>	

SECTION 4: TRAUMA

17. Imaging in Sinonasal Trauma	219
<i>Manisha Jana, Ashu Seith Bhalla</i>	
18. Imaging of Cerebrospinal Fluid Leaks	236
<i>Atin Kumar, Ajay Garg</i>	
19. Sinonasal Trauma and Cerebrospinal Fluid Rhinorrhea: Surgical Aspects	249
<i>Kapil Sikka, Alok Thakkar</i>	

SECTION 5: CONGENITAL/PEDIATRIC DISEASES

20. Pediatric Sinonasal Disorders: Imaging	257
<i>Priyanka Naranje</i>	
21. Pediatric Sinonasal Disorders: Surgical Perspective	290
<i>Prem Sagar, Shuchita Singh</i>	

SECTION 6: SYSTEMIC DISORDERS/SURROUNDING STRUCTURES INVOLVING PNS

22. Systemic Disorders Affecting Sinonasal Cavity	301
<i>Surabhi Vyas, Ashu Seith Bhalla</i>	
23. Anterior Skull Base Lesions: Imaging	316
<i>Ajay Garg, Anuj Prabhakar</i>	
24. Imaging of Dental Lesions and Sinonasal Cavity	332
<i>Smita Manchanda, Ashu Seith Bhalla</i>	

- 25. Imaging of Disorders Involving Sinonasal Cavity and Orbit** **348**
Ashu Seith Bhalla, Smita Manchanda

SECTION 7: CLINICO-RADIOLOGICAL APPROACH

- 26. Approach to Nasal Obstruction** **361**
Rakesh Kumar, Ashu Seith Bhalla, Manisha Jana
- 27. Approach to Epistaxis** **382**
David Victor Kumar Irugu, Manisha Jana, Ashu Seith Bhalla
- 28. Imaging Approach to Sinus Lesions** **392**
Smita Manchanda, Ashu Seith Bhalla
- Index* **417**