

Contents

Section 1: History and Basic Sciences

- 1. A Historical Review of Laryngology** 3
Unnikrishnan K Menon
- 2. Anatomy of the Larynx** 13
Gauri Kapre, Nupur Kapoor Nerurkar
- 3. Physiology of Phonation** 24
Sunita Chhapola Shukla, Nupur Kapoor Nerurkar
- 4. Physiology of Swallowing** 31
Bhagyashree Bokare, Shraddha Singh

Section 2: Clinical Assessment and Office Procedures

- 5. Clinical Evaluation in a Patient with a Voice Disorder** 61
James P Thomas
- 6. Stroboscopy, High-Speed Imaging, Videokymography and Optical Coherence Tomography** 68
Soumitra Ghosh
- 7. Voice Analysis and Therapy Planning by an SLP** 76
Kate Young
- 8. Clinical Evaluation in a Patient with Dysphagia with Role of FEESST, VFS and TNE** 86
Jayakumar R Menon, Manju E Issac
- 9. Imaging of the Larynx** 93
Sonali H Shah
- 10. Injection Laryngoplasty** 114
Nupur Kapoor Nerurkar, Farha Naaz Kazi
- 11. Office-Based Vocal Fold Procedures** 124
Phaniendra Kumar Valluri
- 12. Laryngeal Electromyography in Spasmodic Dysphonia and Overview of Spasmodic Dysphonia** 130
Eric Barbarite, David E Rosow

Section 3: Phonosurgery

- 13. Principles and Essentials of Phonomicrosurgery** 139
Peter C Baxter, Mark S Courey

14. Nodules and Polyps	147
<i>Amitabha Roychoudhury</i>	
15. Cysts, Sulci and Mucosal Bridge	155
<i>Nupur Kapoor Nerurkar</i>	
16. Lasers in Phonosurgery	171
<i>Nupur Kapoor Nerurkar, Shalaka N Dighe</i>	
17. Lasers in Early Glottic Cancer	185
<i>Vyas MN Prasad, Marc Remacle</i>	
18. Principles of Laryngeal Framework Surgery	200
<i>Gautam Khaund</i>	
19. Unilateral Vocal Fold Paralysis and Medialization Laryngoplasty	204
<i>Hagit Shoffel-Havakuk, Michael M Johns III</i>	
20. Surgical Treatment of Spasmodic Dysphonia	215
<i>KK Handa</i>	
21. Puberphonia and Relaxation Laryngoplasty	219
<i>Sanjay Subbaiah</i>	
22. Feminizing Laryngoplasty	222
<i>James P Thomas</i>	
23. Recurrent Respiratory Papillomatosis and Narrow Band Imaging	230
<i>Frederik G Dijkers</i>	
24. Glottic Web	237
<i>John W Frederick, Travis L Shiba, Dinesh K Chhetri</i>	
25. Considerations in the Professional Voice User	245
<i>Henry Zhang, Hassan Mohammed, Abir K Bhattacharyya</i>	

Section 4: Inflammatory, Endocrine and Functional Voice Disorders

26. Localized Inflammatory and Infective Laryngeal Disorders	255
<i>PSN Murthy, Swetha Pedaprolu</i>	
27. Systemic Inflammatory Disorders	268
<i>Ramon Arturo Franco Jr</i>	
28. Laryngopharyngeal Reflux Disease	277
<i>WVBS Ramalingam, Rakesh Datta, Neha Sood</i>	
29. Endocrine and Neurological Disorders	285
<i>Sharat Mohan</i>	
30. Muscle Tension Dysphonia	290
<i>Amitabha Roychoudhury</i>	

Section 5: Airway and Swallowing

31. Assessment of a Stridulous Patient	301
<i>Renuka Bradoo</i>	
32. Pediatric Airway—An Overview	310
<i>Gautham Kulamarva</i>	

33. Bilateral Vocal Fold Paralysis <i>Anagha A Joshi</i>	318
34. Principles of Management of Laryngotracheal Stenosis <i>Alok Thakar, Pookamala Sathasivam</i>	329
35. Laryngeal Trauma <i>Bachi T Hathiram, Vicky S Khattar</i>	340
36. Surgical Management of Dysphagia <i>Jayakumar R Menon</i>	348
Section 6: Recent Advances	
37. Laryngeal Transplantation <i>Arnaud F Bewley, D Gregory Farwell</i>	357
38. Transoral Robotic Surgery in Larynx and Hypopharynx <i>Krishnakumar Thankappan</i>	364
39. Vocal Fold Regeneration <i>William E Karle, Michael J Pitman</i>	372
<i>Index</i>	379