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Nota di contenuto	Contents; Preface; Contributors; Unit 1: Basic Science; 1. Formation of the Larynx: From Hox Genes to Critical Periods; 2. Laryngeal Development; 3. Anatomy of the Human Larynx; 4. Functional Fine Structures of the Human Vocal Fold Mucosa; 5. The Microanatomy of the Vocal Fold Musculature; 6. Vocal Fold Extracellular Matrix and Wound Healing; 7. Benign Vocal Fold Pathology Through the Eyes of the Laryngologist; 8. Laryngeal Function During Phonation; 9. Laryngeal Neurophysiology; 10. The Neurology of Stuttering; 11. Toward a Dynamical Diagnosis of Vocal Function; 12. Research in Laryngology Unit 2: Clinical Assessment13. Patient History; 14. Physical Examination; 15. Evaluation of Laryngeal Biomechanics by Transnasal Flexible Laryngoscopy; 16. Transnasal Esophagoscopy; 17. Introduction to the Laboratory Diagnosis of Vocal Disorders; 18. Measuring Vocal Fold Function; 19. Laryngeal Electromyography; 20. Videography and Photography of the Larynx; 21. 3D Laryngeal CT Scan for Voice Disorders Virtual Endoscopy-Virtual Dissection; 22. The Evaluation of Voice Outcomes and Quality of Life; 23. Voice Impairment, Disability, Handicap, and Medical/Legal Evaluation; Unit 3: Management 24. Common Medical Diagnoses and Treatments in Patients With Voice Disorders25. Congenital Anomalies of the Larynx; 26. Pediatric Laryngology: Office-Based Evaluation of Children With Dysphonia; 27.

The Older Voice; 28. The Larynx: A Hormonal Target; 29. Laryngopharyngeal Reflux and Voice Disorders; 30. Infectious and Inflammatory Disorders of the Larynx; 31. Cough and the Unified Airway; 32. Neurologic Disorders and the Voice; 33. Unilateral Vocal Fold Paralysis; 34. Bilateral Vocal Fold Paralysis; 35. Management of the Spasmodic Dysphonias; 36. Psychologic Aspects of Voice Disorders 37. The Voice and Medications 38. Corticosteroid Therapy in Otorhinolaryngology; 39. The Role of the Speech-Language Pathologist in the Treatment of Voice Disorders; 40. The Role of the Voice Specialist in the Nonmedical Management of Benign Voice Disorders; 41. The Role of the Voice Coach in the Treatment of Vocal Disorders; 42. The Effects of Posture on Voice; 43. Special Considerations for the Professional Voice User; 44. Occupational Voice; 45. Anesthesia in Laryngology; 46. Laryngotracheal Trauma; 47. Surgical Management of Benign Voice Disorders 48. Adult-Acquired Laryngotracheal Stenosis 49. Vocal Fold Medialization: Injection and Laryngeal Framework Surgery; 50. Laryngeal Reinnervation: Traditional Approaches; 51. Reinnervation: New Frontiers; 52. Emerging Approaches to Laryngeal Replacement and Reconstruction; 53. Recurrent Respiratory Papillomatosis; 54. Premalignant Lesions of the Larynx; 55. Glottic Carcinoma: Disease Presentation and Philosophy of Management; 56. Diagnosis and Management of Postoperative Dysphonia; 57. Office-Based Phonosurgery; 58. Telemedicine; Index

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Sommario/riassunto

This classic reference provides comprehensive, multidisciplinary coverage of the basic science and characteristics of voice disorders; diagnostic procedures and techniques; assessment protocols; as well as surgical and nonsurgical treatment models. This edition is completely updated and includes 10 new chapters. It will once again serve as a definitive reference for students and professionals in the fields of otolaryngology, speech-language pathology, voice and singing, and related sciences.

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