1. Record Nr. UNINA9910787094703321 Autore Kelchner Lisa N. Titolo Pediatric voice: a modern, collaborative approach to care // Lisa N. Kelchner, Susan Baker Brehm, Barbara D. Weinrich; contributors, Alessandro de Alarcon [and five others] San Diego, California:,: Plural Publishing,, 2014 Pubbl/distr/stampa ©2014 **ISBN** 1-59756-665-9 Descrizione fisica 1 online resource (235 p.) Disciplina 616.855 Soggetti Voice disorders Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Contents; Acknowledgments; Contributors; Chapter 1. Introduction; Chapter 2. Anatomy and Physiology of the Pediatric Upper Aerodigestive Tract, Larynx, and Respiratory System; Overview: Anatomy of the Upper RespiratorySystem: Overview of EmbryologicDevelopment; Anatomy of the Upper Aerodigestive Tract: Overview of Postnatal Anatomy and Developmental Changes; Anatomy and Physiology of the Upper Aerodigestive Tract; Nasal Passages; Pharynx; Esophagus; Larynx; Vocal Fold Microstructure; Basics of Histology; Vocal Fold Histology; Developmental Changes in the Vocal Fold Across the Lifespan Fetus and InfantYoung Children; Adolescents; Older Adult and Elderly: Pediatric Respiratory Anatomy and Physiology; Anatomy and Physiology of the Lower Respiratory Tract; Tracheal Airway; Bronchioles/Bronchi; Lungs/ Thoracic Cavity; Muscles of Respiration; The Physiology of Breathing; The Physiology of Phonation; The Basics; Theories of Phonation: Pitch and Intensity Changes: Resonance: Chapter Summary: References; Chapter 3. Neural Controls of Voice; Overview; Vocalization and the Infant Cry: Central Neural Controls: Brainstem: Cortical and Subcortical Controls: Peripheral Neural Controls

Cranial NervesLaryngeal and Pulmonary Reflexes; Pediatric Voice and Disorders of the CNS; Chiari Malformation; Cerebral Palsy; Movement Disorders; Voice and Autism Spectrum Disorder; Chapter Summary;

References; Chapter 4. Etiology and Management of Pediatric Voice Disorders; Introduction; Common Vocal Fold Pathologies; Vocal Fold Nodules, Cysts, and Polyps; Management; Vocal Process Granulomas; Management; Vocal Fold Paralysis; Unilateral Vocal Fold Paralysis; Management; Laryngeal Webs; Management; Recurrent Respiratory Papillomatosis: Management

Laryngopharyngeal Reflux and Eosinophilic EsophagitisManagement; Sulcus Vocalis and Vocal Fold Scar; Management; Chapter Summary; References; Chapter 5. A Collaborative Approach to Evaluating the Child with a Voice Disorder; Overview; Evaluation Models and Approaches; The Solo and School-Based Practitioner with Otolaryngology Referral; Screenings; The Medical Evaluation; Oral Peripheral Examination; Hearing Screening; Background and History; Significant Medical History; Vocal Hygiene; Vocal Symptoms; Airway History; Behavioral Questions; Special Circumstances

Assessing Impact: Handicapping and Quality of Life IndicatorsPerceptual Evaluation; Instrumental Assessment; Acoustic Analysis; Aerodynamics; Electroglottography; Endoscopic; Pulling It All Together: Case Summaries; Case 1. Hospital-Based Clinician; Case 2. School-Based Clinician; Case 3. Private Practice Clinician; Chapter Summary; References; Appendix 5-A. Initial Intake History Form; Appendix 5-B. DVD Table of Contents; Chapter 6. A Collaborative Approach to Treatment; Overview; Collaborative Treatment Model; Solo or School-Based Practitioner; Making the Case Communicating with Teachers and Others

Sommario/riassunto

This comprehensive and current review of the care of children with voice disorders includes an overview of anatomy and physiology of the pediatric laryngeal mechanism, associated neural controls, and phonatory behavior across childhood. The spectrum of evaluation techniques ranging from basic to innovative high tech instrumentation is presented. Evidence-driven treatment approaches for common as well as unique pediatric voice disorders is covered in a practical, case-based format.