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Impacting Speech Development for Young Children with Cleft Palate; 2.4 Speech Development: Birth to Age Five; 2.5 Conclusion; References; 3: The Influence of Related Conditions on Speech and Communication; 3.1 Introduction; 3.2 Conditions Related to Structural Etiologies; 3.3 Conditions Related to Neurological Aetiology; 3.4 Conditions Related to a Combination of Structural and Neurological Aetiology; 3.5 Clinical Implications; References; 4: Surgical Intervention and Speech Outcomes in Cleft Lip and Palate; 4.1 Introduction
4.2 Basics of Surgery on Cleft Palate 4.3 Basics of Outcomes; 4.4 Speech Outcomes; 4.5 Conclusions; Appendix 4.A Review of Evidence and Methodology in Studies of Speech Outcome in Individuals Born with Cleft Lip and Palate; References; 5: Secondary Management and Speech Outcome; 5.1 Introduction; 5.2 Secondary Surgical Management of Velopharyngeal Incompetence; 5.3 Secondary Pharyngeal Flap; 5.4 Posterior Pharyngeal Wall Augmentation by Muscle Transposition; 5.5 Studies Comparing Treatments of VPI; 5.6 Posterior Pharyngeal Wall Augmentation by Implants and Injections; 5.7 Velarplasty
5.8 Other Considerations in Managing VPI 5.9 Complications Secondary to Pharyngoplasties; 5.10 Conclusions; References; 6: Cleft Palate Speech in the Majority World: Models of Intervention and Speech Outcomes in Diverse Cultural and Language Contexts; 6.1 Introduction; 6.2 Speech Outcomes in a Majority World Context; 6.3 Different Models of Provision; 6.4 Attitudes/Cultural Aspects; 6.5 Conclusion; References; Part Two: Speech Assessment and Intervention; 7: Phonetic Transcription for Speech Related to Cleft Palate; 7.1 Introduction; 7.2 What is Phonetic Transcription?; 7.3 Why Transcribe?
7.4 What to Transcribe and How to Transcribe It 7.5 Features of Cleft Speech Production; 7.6 Pitfalls of Transcription; 7.7 Conclusion; Appendices; References; 8: Instrumentation in the Analysis of the Structure and Function of the Velopharyngeal Mechanism; 8.1 Introduction; 8.2 Visualization of the Velopharyngeal Mechanism; 8.3 Multiview Videofluoroscopy; 8.4 Nasendoscopy Procedure; 8.5 Magnetic Resonance Imaging (MRI); 8.6 Variability in Practice; 8.7 Future; References; 9: Cross Linguistic Perspectives on Speech Assessment in Cleft Palate; 9.1 Introduction; 9.2 Vulnerable Speech Sounds
9.3 Language Background of the Listener Assessing the Speech of Children with Cleft Palate

Sommario/riassunto

The focus of this book is on speech production and speech processing associated with cleft palate, covering phonetic (perceptual and instrumental), phonological and psycholinguistic perspectives, and including coverage of implications for literacy and education, as well as cross-linguistic differences. It draws together a group of international experts in the fields of cleft lip and palate and speech science to provide an up-to-date and in-depth account of the nature of speech production, and the processes and current evidence base of assessment and intervention for speech associated with cleft
