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Nota di contenuto	Contents; Contributors; SECTION I: BASIC PRINCIPLES; Part I: Basic Embryology of Cleft Lip and Palate; 1. Formation of the Primary Palate; 2. Palatogenesis: Closure of the Secondary Palate; 3. Genes Implicated in Lip and Palate Development; Part II: Clinical Features of Cleft Lip and Palate; 4. The Orofacial Examination: Normal and Abnormal Findings; 5. Classification and Description of Nonsyndromic Clefts; 6. Syndromes with Orofacial Clefting; 7. Morphometric Characteristics of Subjects with Oral Facial Clefts and Their Relatives 8. Craniofacial Morphology and Growth in Infants and Young Children with Cleft Lip and PalatePart III: Epidemiology of Cleft Lip and Palate; 9. Methodological Issues in Epidemiological Studies of Oral Clefts; 10. Exposure Assessment in Studies of Oral Clefts; 11. Birth Defects Surveillance Systems and Oral Clefts; 12. Epidemiology of Oral Clefts: An International Perspective; 13. Environmental Risk Factors and Oral Clefts; 14. Maternal Nutrition and Oral Clefts; 15. Experimental Models for the Study of Oral Clefts; Part IV: Genetics of Cleft Lip and Palate; 16.

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17. Twin Studies in Oral Cleft Research  
18. Segregation Analyses; 19. Mode of Inheritance of Oral Clefts; 20. Association Studies; 21. Locating Genes for Oral Clefts in Humans; 22. Mapping Studies in Animal Models; 23. Gene-Environment Interaction and Risk to Oral Clefts; SECTION II: TREATMENT; 24. Developing a Cleft Palate or Craniofacial Team; 25. Health Care for Children with Cleft Lip and Palate: Comprehensive Services and Infant Feeding; 26. Staging of Cleft Lip and Palate Reconstruction: Infancy through Adolescence  
27. Evaluation and Management of Speech, Language, and Articulation Disorders  
28. Pediatric Dental Care; 29. Role of the Orthodontist in the Management of Patients with Cleft Lip and/or Palate; 30. Otolaryngologic Needs of Individuals with Oral Clefts; 31. Genetic Counseling and Interpretation of Risk Figures; 32. Psychological Care of Children with Cleft Lip and Palate in the Family; 33. International Surgical Missions; 34. Evidence-Based Care for Children with Cleft Lip and Palate; SECTION III: PUBLIC HEALTH ISSUES  
35. Prevention of Oral Clefts through the Use of Folic Acid and Multivitamin Supplements: Evidence and Gaps  
36. Costs of Cleft Lip and Palate: Personal and Societal Implications; 37. Insurance and Coverage of Care; 38. Parents' Perspective on Cleft Lip and Palate; 39. Ethical Issues in the Care of Children with Craniofacial Conditions; 40. Translating Research Findings into Public Health Action and Policy; 41. Educating the Practitioner and the Public; 42. Innovations in International Cooperation for Patients with Cleft Lip and Palate; Appendix: Directory of Internet Resources; Glossary; A; B  
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### Sommario/riassunto

The authors describe the embryological and molecular mechanisms of cleft causation, present and illustrate the genetic and epidemiological methods used to identify risk factors for oral clefts, and describe treatments by the various professionals of the cleft team.