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Nota di contenuto	Intro -- CONTENTS -- AUTHORS' APPOINTMENTS -- PREFACE -- ACKNOWLEDGEMENTS -- INTRODUCTION -- 1 CRANIOFACIAL GROWTHAND DEVELOPMENT: A CLINICAL PERSPECTIVE David Dunaway -- Normal craniofacial growth and development -- Disordered craniofacial growth in cranial synostosis -- Summary -- References -- 2 CLASSIFICATION AND CLINICAL DIAGNOSIS D.N.P. Thompson and Jonathan Britto -- Terminology -- Non-syndromic craniosynostosis -- Syndromic craniosynostosis -- References -- 3 SYNDROMIC CRANIOFACIAL DYSOSTOSIS: MOLECULAR AND DEVELOPMENTAL ASPECTS Jonathan Britto and Willie Reardon -- Introduction: FGFR mutations cause certain human skeletal dysplasias -- FGFR signalling mechanisms: relevance to human craniofacial syndromes -- How do FGFR mutations cause disease phenotypes? -- How does FGFR gain of function cause human skeletal prematurity? -- Can FGFR expression in human craniofacial development explainphenotype diversity? -- Why does Apert syndrome display a cleft palate despite a similar midfacemorphology to Crouzon-Pfeiffer syndromes? -- Conclusions -- References -- 4 INCIDENCE AND EPIDEMIOLOGY OF CRANIOSYNOSTOSIS Louise C. Wilson -- Introduction -- Incidence of craniosynostosis -- Syndromic craniosynostosis -- Non-syndromic craniosynostosis -- Inheritance patterns in craniosynostosis syndromes

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Sommario/riassunto

Children with craniosynostosis are born with congenital deformities of the face and skull. This book ntroduces the non-craniofacial specialist to what can be achieved and how they can contribute to the child's welfare.

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