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Autore	Kjær Inger
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Introduction -- Chapter 1. Craniofacial development and the body axis: normal and pathological aspects from early prenatal to postnatal life -- Chapter 2. Craniofacial development and the brain: normal and pathological aspects from early prenatal to postnatal life -- Chapter 3. Developmental fields in the cranium and alveolar process -- Chapter 4. Tooth development and tooth maturation from early prenatal to postnatal life -- Chapter 5. Periodontal membrane and peri-root sheet -- Chapter 6. Normal tooth eruption and alveolar bone formation -- Chapter 7. Etiology-based diagnostics: methods and classification of abnormal development -- Chapter 8. Deviation in tooth morphology and color: normal and pathological variations including syndromes -- Chapter 9. Deviations in tooth number: normal and pathological variations including syndromes -- Chapter 10. Tooth eruption and alveolar bone formation: abnormal patterns including syndromes -- Chapter 11. Root and crown resorption: normal and abnormal pattern including syndromes -- Chapter 12. Apparently normal nonsyndromic dentitions are phenotypically different: the interrelationship between

deviations in the dentition and craniofacial profile --Chapter 13. Craniofacial syndromes and malformations: prenatal and postnatal observations -- Chapter 14. Craniofacial disruptions: prenatal and postnatal observations -- Chapter 15. Craniofacial dysplasia: prenatal and postnatal observations -- Chapter 16. Hard tissue as a diagnostic tool in medicine -- Chapter 17: Clinical cases and unanswered questions.

Sommario/riassunto

Etiology-Based Dental and Craniofacial Diagnostics explores the role of embryology and fetal pathology in the assessment, diagnosis, and subsequent treatment planning of a wide range of disorders in the dentition and craniofacial region. Initial chapters cover various aspects of normal dental and craniofacial development, providing the necessary biological background for understanding abnormal patient cases. Chapters then focus on the etiology behind a wide range of cases observed in everyday practice—including deviations in tooth morphology and number, tooth eruption, root and crown resorption, and craniofacial malformations, disruptions and dysplasia. Unique new work from a leading authority in orthodontics, craniofacial embryology and fetal pathology Demonstrates how human prenatal development offers unique insights into postnatal diagnosis and treatment Clinical significance and implications are highlighted in summaries at the end of each chapter Ideal for postgraduate students in orthodontics, paediatric dentistry and oral medicine
