
Abstract
This outstanding book covers all areas of oral histology and embryology pertinent to clinical dental practice. Introductory material includes a complete discussion of the structure and function of the body’s cells, as well as the stages of orofacial development from conception to birth. It also covers developmental problems such as cleft lip and palate, specific phases of tooth development, and biofilm substances that form on the surface of teeth. New Clinical Comments boxes and Consider the Patient scenarios help readers apply key concepts to actual practice. Provides a timeline of head and neck structural development from conception to birth and describes possible abnormalities in development, including cleft lip and palate. Describes the definitive stages and normal/abnormal paths of tooth development and maturation. Discusses specific hard and soft oral tissues including periodontal tissues, oral mucosa, TMJ, and parts of teeth (enamel, dentin, dental pulp, cementum) to illustrate how these structures develop and are related. Each chapter begins with a helpful chapter outline and a brief overview of chapter content. Consider the Patient boxes present a short case scenario and then discuss possible solutions at the end of the chapter to demonstrate practical applications of key concepts. Self-evaluation questions at the end of every chapter help readers assess their understanding of the material. Tables and boxes throughout the text make it easy to quickly summarize important information. Clinical Comments boxes throughout the chapters present tips that help readers apply key content to everyday clinical practice. Learning Objectives at the beginning of every chapter list important topics readers should know after completing the chapter. An alphabetical list of Key Terms at the beginning of each chapter helps readers learn to use these words in the correct context within clinical practice. Features a wealth of new full-color illustrations and photographs. Evolve website includes a test bank, image collection, weblinks, and interactive student exercises.
strong foundation in oral biology and basic science for dental professionals. It provides a clear understanding explanations of the anatomy of oral and facial tissues — and of normal and abnormal orofacial development — so that you can provide effective oral health care for all patients with abnormalities. Quandaries in Science boxes explore the philosophical and scientific dilemmas associated with head and neck embryology and histology. Learning objectives and key vocabulary terms are listed at the beginning of each chapter highlighted in text discussions and defined in a back-of-book glossary. HISTOLOGY, CYTOLOGY AND EMBRYOLOGY Special histology and embryology Nata Oral Anatomy, Histology and Embryology. 472 Pages·2017·170.05 MB·5,567 Downloads·New! available with new pedagogic features and an enhanced illustration program, Oral Anatomy, Histology Orban's Oral Histology & Embryology. 448 Pages·2013·36.34 MB·5,466 Downloads. : Saroj K Sahu. Production Manager: Sunil Orban's Oral Histology & Embryology Kumar, G. S. Textbook of Clinical Embryology Vishram Singh, ms. 353 Pages·2014·35.77 MB·49,736 Downloads. differentiation of the germ layers into specific b