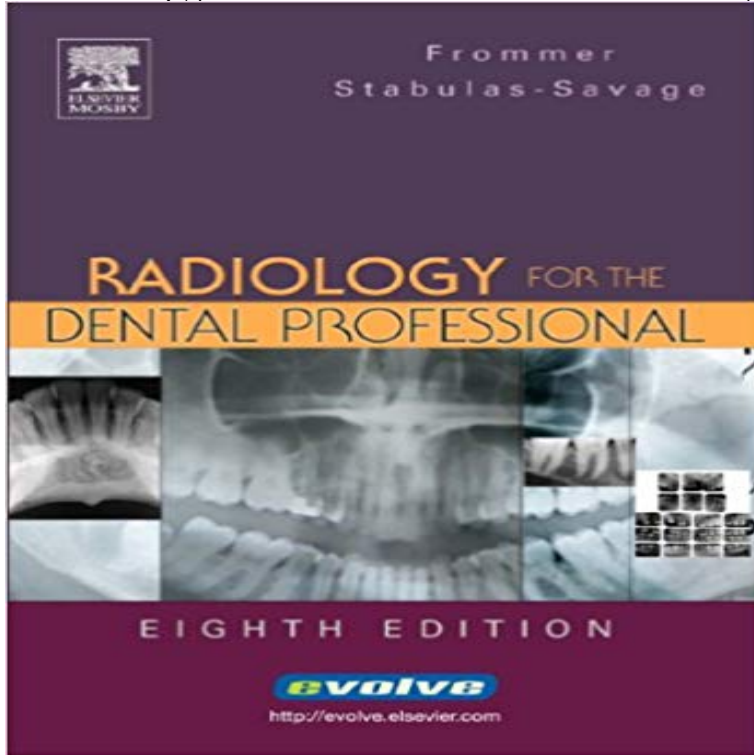


Radiology for the Dental Professional, 8e



This comprehensive, well-established textbook presents the basic principles of clinical radiology. It is designed not only for students in dental hygiene and dental assisting programs, but for practicing hygienists and assistants who like a review for interpreting radiographs and troubleshooting errors. Describing techniques with step-by-step procedures and illustrations, the topics include: basic x-ray generation, image formation, film mounting, biologic effects of radiation, lesions, infection control, film processing and interpretation, intraoral and extraoral techniques, panoramic radiography, patient management, and legal considerations. Logical organization of topics presents the material in an efficient way for better comprehension and enhanced readability. Step-by-step procedure boxes clearly illustrate the proper techniques for performing routine and complex radiographic procedures. Boxes highlight common errors encountered when dealing with radiographic technique and provide remedies for resolving the problem. Each chapter includes a content outline, educational objectives, and key terms. A comprehensive glossary is located at the back of the book for quick reference. The inclusion of tables, boxes, line art, and illustrations are important tools for student learning. A two-color design makes the images more instructive, interesting, and appealing. Four new chapters are added: The dental x-ray machine, Quality assurance, Principles of interpretation, and The temporomandibular joint. The chapter on radiation protection is expanded to two separate chapters: Radiation protection for the patient and Radiation protection for the operator. The chapters on digital imaging and newer imaging systems are completely revised to include new cutting-edge imaging modalities such as computed tomography. Chapters are now designed to

