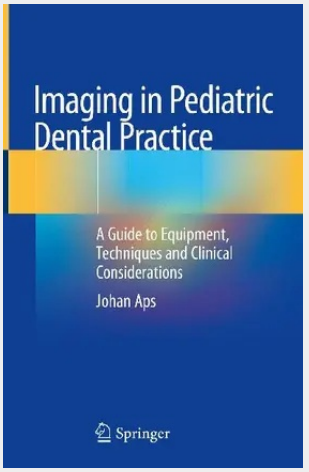
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Imaging in Pediatric Dental Practice

A Guide to Equipment, Techniques and Clinical Considerations



This book is a comprehensive guide to dentomaxillofacial imaging in paediatric dentistry and is an excellent resource for both general dental practitioners and paediatric dentists. Radiation protection, radiation doses and potential risks of ionising radiation are discussed, to provide dentists with appropriate information when they are asked about these important issues in their practice. Technical information about X-ray machines, ranging from the intraoral machine to the medical computed tomography machine, as well as the differences between digital image detectors, are explained to the extend a (pediatric) dentist should know. The latter is important to understand why certain exposure settings are used and what the advantages or disadvantages are of the machines and the image detectors. Non-ionising radiation techniques, magnetic resonance imaging and ultrasonography, are also explained, as well are their applications in the field of dentomaxillofacial radiology. Knowing which imaging technique will provide the best diagnostic images possible, is key to every clinical case a dentist is faced with. A wide range of clinical examples are displayed in this book, ranging from incidental findings to malignant pathology. All are illustrated with radiographic material and explained, in order to give the reader a good sense of what to look for when assessing radiographs in the dentomaxillofacial field

Covers all aspects of intra- and extraoral radiographic techniques Provides detailed information on X-ray equipment and radiation protection Explains when to refer to an imaging center Includes numerous real patient images illustrating the appearances of different pathologies

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