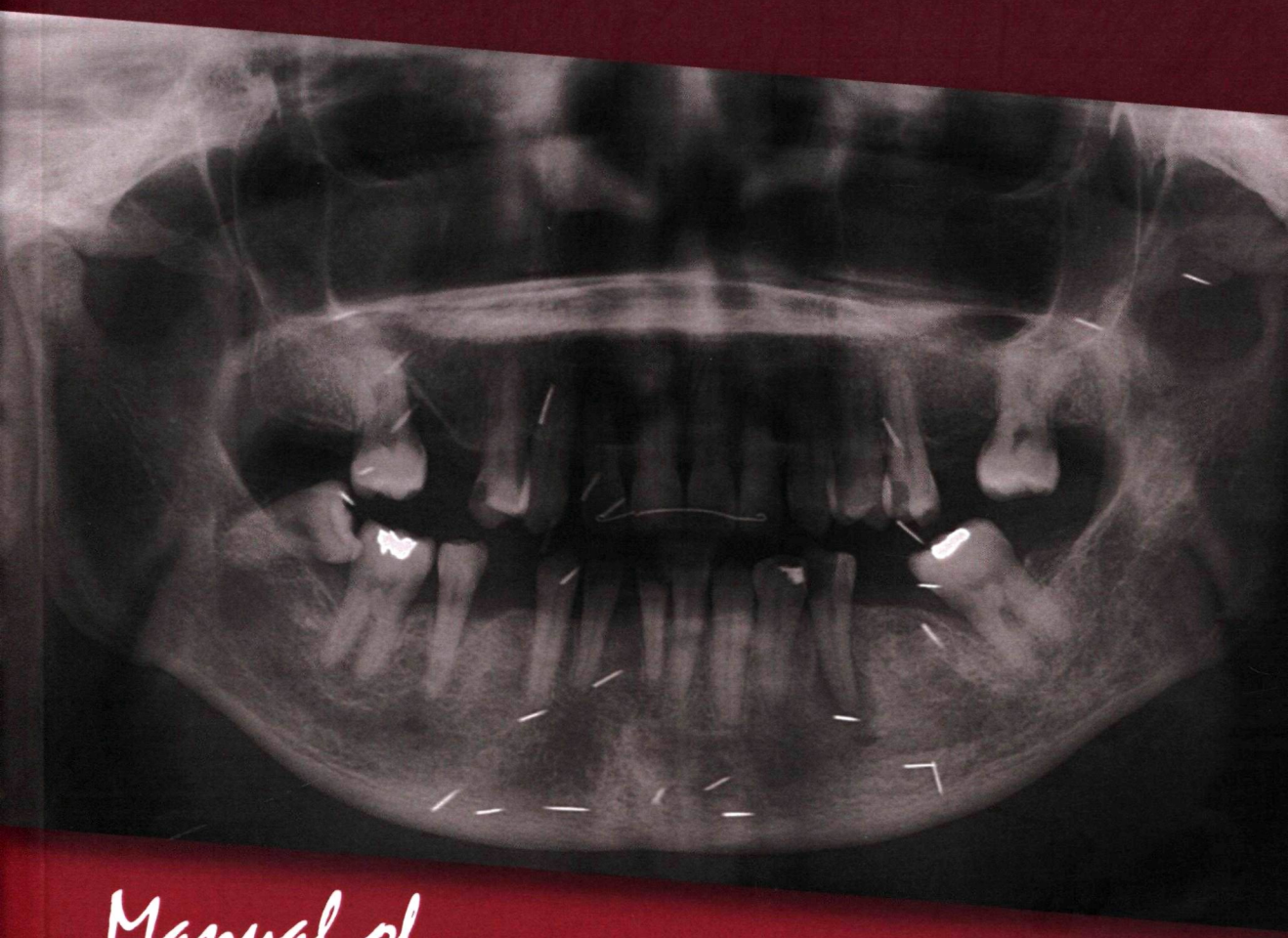

Manual of PLAIN DIGITAL ORAL *and* MAXILLOFACIAL IMAGING

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Preface

Manual of Plain Digital Oral and Maxillofacial Imaging explores the dynamic landscape of radiological imaging within the realm of oral and maxillofacial healthcare. In recent decades, the integration of digital technologies has revolutionized the field, offering clinicians enhanced diagnostic capabilities, improved patient care, and greater efficiency in managing complex oral and maxillofacial conditions.

This book delves into the myriad facets of digital oral and maxillofacial radiology, encompassing the foundational principles and the latest advancements in imaging modalities, techniques, as well as clinical applications. Aside from that, a thorough analysis of digital radiography technologies which mainly revolve around the use of sensors as receptor is also presented as it has now replaced the outdated analogue film method. With various topics such intraoral imaging, panoramic imaging, paediatric dental imaging, endodontic imaging, and special consideration imaging, readers will gain a profound understanding of how these tools empower practitioners to accurately diagnose pathology, plan treatments, and monitor patient outcomes with unprecedented precision.

In addition to technical aspects, this book also explores the practical implications of digital oral and maxillofacial radiology in various clinical scenarios, including but not limited to implantology, orthodontics, temporomandibular joint disorders, and maxillofacial trauma. Furthermore, it delves into emerging trends such as artificial intelligence and machine learning, which hold immense potential to further enhance diagnostic accuracy and streamline workflow in oral and maxillofacial radiology practices.

As authors of this volume, we aim to provide clinicians, researchers, educators, and students with a comprehensive resource that not only elucidates the fundamental principles of digital oral and maxillofacial radiology but also serves as a guide to navigate the evolving landscape of imaging technologies and their applications in clinical practice. We are immensely grateful to the contributing authors for their expertise and dedication in crafting chapters that encapsulate the breadth and depth of this rapidly advancing field.

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