Oral and maxillofacial radiology, also known as dental and maxillofacial radiology, is the specialty of dentistry concerned with performance and interpretation of diagnostic imaging used for examining the craniofacial, dental and adjacent structures.¹

Oral and maxillofacial imaging includes cone beam computerized tomography, multislice computerized tomography, magnetic resonance imaging, positron emission tomography, ultrasound, panoramic radiography, cephalometric imaging, intra-oral imaging (e.g. bitewing, peri-apical and occlusal radiographs) in addition to special tests like sialographs. Other modalities, including optical coherence tomography are also under development for dental imaging.

In the present book, ten typical literatures about oral and maxillofacial radiology published on international authoritative journals were selected to introduce the worldwide newest progress, which contains reviews or original researches on oral and maxillofacial radiology. We hope this book can demonstrate advances in oral and maxillofacial radiology as well as give references to the researchers, students and other related people.

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¹ https://en.wikipedia.org/wiki/Oral_and_maxillofacial_radiology