

Dental Radiology: Recent developments and core knowledge

Core CPD



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Jackie Brown is a specialist in Oral & Maxillofacial Radiology. She is Consultant in Dental & Maxillofacial Radiology at Guy's & St Thomas' Hospitals Foundation Trust, and is Senior Lecturer at King's College London Dental Institute of Guy's, King's College & St Thomas' Hospitals. She also practices privately at the London Bridge Hospital. Recent positions have included President of the British Society of Dental & Maxillofacial Radiology, Associate Editor of Dentomaxillofacial Radiology and member of Health Protection Agency (PHE) Working Party on Cone Beam CT.

Special interests and publications centre on maxillofacial ultrasound, and maxillofacial 3D and CBCT imaging, radiological and ultrasound investigation and treatment of salivary gland disease, and the use of minimally invasive endoscopic and radiologically-guided techniques for the relief of salivary gland obstruction.

Dr Brown offers a specialist maxillofacial radiological service at the London Bridge Hospital.

Exciting developments in radiology and radiography have taken place in the last 10 years, affecting the practice of dental radiology, and providing dentists with an evolving and valuable diagnostic tool.

Core elements, however, remain and most techniques continue to involve the use of ionizing radiation.

This lecture will review some of the recent changes in imaging of the dental and maxillofacial region, and also examine current concepts of radiation safety.

Learning Objectives

After the lecture, participants will have gained the following:

1. Understand the nature and scale of risk from use of radiation in diagnostic imaging.
2. Examine techniques for improving radiography and radiation protection.
3. Review principles of radiographic interpretation, illustrated by cases and examples of common and important radiological findings.
4. Highlight pitfalls in radiological interpretation in the maxillofacial region.