

Course Information for BOS CBCT course

Level 1 – Core training online pre-recorded lectures (theoretical knowledge, referral and justification). 7 hours – with separate live Q & A session. Pre-recorded lectures will be available on 12/02/2022 for 7 days. Online Q & A session on 22/02/22 (time TBC) followed by computer equipment testing (online) for those also booked on Level 2.

Level 2 – Further training (interpretation and reporting) 6 hours.

Face to face at Manchester Dental Education Centre (ManDEC)

2 dates available - Fri 25th February 2022 or Sat 26th February 2022

These courses are organised by the British Society of Dental and Maxillofacial Radiology (BSDMFR). They are delivered by Consultants in Dental Maxillofacial Radiology who have extensive knowledge and experience of dental cone beam CT.

Please note, you must have undertaken an IRMER course within the past 5 years.

Prior to the Level 2 course, you must first have undertaken a Level 1 course run by BSDMFR .

The training curriculum follows the latest guidelines published in 2020 (Guidance Notes for Dental Practitioners on the Safe Use of X-ray Equipment, 2nd edition).

- **Level 1 topics:** Guidelines and regulations relating to dental CBCT imaging, fundamentals and principles of 3D imaging, radiation hazards and radiation protection, referral and justification criteria for 3D imaging, how to optimise patient doses and existing techniques and avoid unnecessary exposure, recognition of anatomy in conventional 2D dental radiographs , recognition of imaging artefacts and incidental findings.
- **Level 2 topics:**; Anatomy in cross-sectional 3D imaging; reporting of normal anatomy, normal variations, dento-alveolar pathology and abnormalities; how to manipulate CBCT scans to best show the area of interest and to answer the clinical question; how to write a radiology report; understanding of the regulatory requirements if offering a CBCT imaging and/or reporting service.

The Level 2 course will be delivered as a face to face **hands-on** training course, where participants will manipulate CBCT scans on laptop computers. There will be case-based interpretation exercises, such as identifying root resorption caused by impacted canines, drawing a synthetic panoramic curve in order to display all teeth in one picture, assess proximity of unerupted tooth to ID canal or mental foramen.

Those attending the Level 2 course will be asked to bring their own laptop computer if possible. An equipment test session is planned on 22/02/22 after the Level 1 Q&A session. The minimum computer specifications are:

- PC (not a MAC) running Windows 10
- Screen size at least 13 inches but bigger is better
- RAM size at least 1 GB (more would be better and faster)
- USB slots - 1 USB3 slot and a 2nd slot USB2 or USB3

If a delegate is unable to bring their own laptop, then please inform the organisers beforehand. A limited number of backup laptops will be available on the day.

Covid Safety Measures

On the day of the hands-on course, attendees would need to show their covid vaccination status (double vaccination and booster) together with a negative lateral flow test on the day.

In the event of government restrictions – the hands-on course may be cancelled and re-scheduled.