

# CBCT small volume reporting masterclass programme

## Pre-course foundation reading (3 hours)

Read chapters 1-4 of, 'Cone Beam Computed Tomography in Endodontics' by Patel, Harvey et al

## Pre-course webinar viewing (1 hour)

Introductory on-demand webinar covering a modern look at radiation dose to be viewed prior to attending day one.

## Day 1: Saturday 16 March 2024 | BDA, London (7 hours)

<b>08:30 – 09:00</b>	<b>Registration</b>
<b>09:00 – 09:15</b>	<b>Welcome and introduction</b>
<b>09:15 – 10:45</b>	<b>Hardware, software and anatomy</b> Simon Harvey, Consultant in Dental and Maxillofacial Radiology, The Eastman Dental Hospital, London and Queen Victoria Hospital, Sussex
<b>10:45 - 11:00</b>	<b>Q&amp;A session</b>
<b>11:00 – 11:15</b>	<b>Morning refreshments</b>
<b>11:15 – 11:45</b>	<b>2D vs 3D: Why do we need the third dimension</b> Shanon Patel, Consultant Endodontist, King's College London Dental Institute
<b>11:45 - 12:15</b>	<b>Writing reports and assignments</b> Simon Harvey, Consultant in Dental and Maxillofacial Radiology, The Eastman Dental Hospital, London and Queen Victoria Hospital, Sussex
<b>12:15 – 13:15</b>	<b>Oral surgery - third molars, ectopic teeth, bone necrosis, cysts and tumours</b> Louise Ormondroyd, Consultant in Oral Surgery, Guy's Hospital, London
<b>13:15 – 13:45</b>	<b>Lunch</b>
<b>13:45 – 15:05</b>	<b>Endodontics and trauma</b> Shanon Patel, Consultant Endodontist, King's College London Dental Institute
<b>15:05 – 15:20</b>	<b>Q&amp;A session</b>
<b>15:20 – 15:35</b>	<b>Afternoon refreshments</b>
<b>15:35 – 16:50</b>	<b>Implants</b> AJ Ray-Chaudhuri, Consultant in Restorative Dentistry, Specialist in Endodontics, Periodontics and Prosthodontics
<b>16.50 - 17:00</b>	<b>Summary and close</b>

## Self-directed reporting assignment (8 hours)

It is expected the assignments will take delegates eight hours to complete. The OneVolumeViewer software, cases and reporting templates will all be provided on a USB stick at the end of day one.

Access to a windows-based PC is required to complete the assignments (no Mac or iPad).

Delegates will be required to submit assignments in PDF format to [events@bda.org](mailto:events@bda.org) with name and GDC number as the file name by **midnight on Sunday 21 April 2024**.

**Please ensure you collate all reports into ONE document.**

This completion date allows for assignments to be reviewed prior to day two and individual feedback prepared for each delegate for day two.

## Day 2: Saturday 27 April 2024, BDA, London (5 hours)

<b>08:30 – 9:00</b>	<b>Registration</b>
<b>09:00 – 09:15</b>	<b>Welcome and introduction</b>
<b>09:15 – 09:30</b>	<b>Recap of the software</b> Simon Harvey, Consultant in Dental and Maxillofacial Radiology, The Eastman Dental Hospital, London and Queen Victoria Hospital, Sussex
<b>09:30 – 10:45</b>	<b>Beyond the scan: CBCT and digital workflows</b> Rupert Austin, Senior Clinical Lecturer in Prosthodontics, King's College London, Consultant in Prosthodontics at Guy's and St. Thomas' NHS Foundation Trust and Specialist Prosthodontics on referral, in digitally advanced Specialist Referral Centres, East Sussex
<b>10:45 – 11:00</b>	<b>Morning refreshments</b>
<b>11:00 – 12:30</b>	<b>Assignments and feedback</b> Simon Harvey, Consultant in Dental and Maxillofacial Radiology, The Eastman Dental Hospital, London and Queen Victoria Hospital, Sussex Shanon Patel, Consultant Endodontist, King's College London Dental Institute
<b>12:30 – 12:40</b>	<b>Q&amp;A session</b>
<b>12:40 – 13:10</b>	<b>Lunch</b>
<b>13:10 -13:40</b>	<b>Compliance and referrals</b> Simon Harvey, Consultant in Dental and Maxillofacial Radiology, The Eastman Dental Hospital, London and Queen Victoria Hospital, Sussex
<b>13:40 – 14:40</b>	<b>Summary, Q&amp;A and conclusion</b>

(Programme subject to alteration)

## Course aim

To excel and become competent in the justification, optimisation and reporting of small field of view CBCT.

## Learning objectives

- Compare 2D conventional radiographs and 3D CBCT imaging
- Gain the skills needed to justify, take and interpret CBCT scans for the different dental disciplines
- Write actionable CBCT reports.

## Learning content

A blended learning course format including pre-course reading, pre-course webinar, two hands-on trainings days and a self-directed reporting assignment, delivered by a multi-disciplinary faculty. Attendees had the opportunity to ask questions throughout the training days.

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## Accreditation

Development  
outcome **A** **B** **C** **D**

This training day and pre-course foundation reading meets the educational criteria set by the GDC for verifiable CPD, providing **24 hours verifiable CPD** (3 hours pre-course foundation reading, 1 hour webinar, 7 hours training day one, 8 hours assignment and 5 hours training day 2) and is certified by the British Dental Association. Certificates will be issued after completion of the course.

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## About the speakers



**Simon Harvey, Consultant in Dental and Maxillofacial Radiology, The Eastman Dental Hospital, London and Queen Victoria Hospital, Sussex**

Simon works at The Eastman Dental Hospital, London and Queen Victoria Hospital, Sussex. His clinical practice and research interests are dentoalveolar CBCT and salivary gland interventional radiology.

He has an interest in medicolegal disputes and he is published in several peer review journals and books. He is a passionate educator to undergraduates at KCL and post-graduate audiences around the world in person and online.



**Professor Shanon Patel, Consultant Endodontist, King's College London Dental Institute**

Shanon Patel divides his time between working in a specialist practice in central London and teaching future Specialist Endodontists in the Postgraduate Unit at King's College London Dental Institute.

His PhD thesis assessed the use of CBCT in the management of Endodontic problems. Shanon is actively involved in research and has co-supervised over 50 Masters and PhD students. Primary research interests reflect some of the interesting challenges he faces in everyday clinical practice and include survival of teeth, managing dental trauma, microbiology and CBCT in endodontics.

Shanon has been the lead author of National (FGDP, Royal College of Surgeons) and European (ESE) guidelines on dental imaging in endodontics. He has published over 100 papers in peer reviewed scientific journals and co-edited four endodontic and radiology textbooks which have been translated into 5 different languages.



**AJ Ray-Chaudhuri, Consultant in Restorative Dentistry, Specialist in Endodontics, Periodontics and Prosthodontics**

AJ shares his time between his NHS Consultant role, specialist referral practice and working as an independent Expert Witness. He is a member of the Royal Colleges of Surgeons' of Edinburgh and a Fellow of the Royal College of Surgeons' of England. AJ is an Associate Fellow of the Higher Education Academy and has been placing and restoring implants for 10 years.



**Louise Ormondroyd, Consultant in Oral Surgery, Guy's Hospital, London**

Louise's interests include multi-disciplinary team approach to managing patients with hypodontia and patients undergoing oncology treatment and subsequent complications (such as MRONJ and ORN). Louise has a diploma in conscious sedation and is an examiner for the LDS exam at the Royal College of Surgeons.



**Rupert Austin, Senior Clinical Lecturer in Prosthodontics, King's College London, Consultant in Prosthodontics at Guy's and St. Thomas' NHS Foundation Trust and Specialist Prosthodontics on referral, in digitally advanced Specialist Referral Centres, East Sussex**

Rupert graduated from the University of Manchester in 2006 and gained a PhD in Enamel Erosion in 2011. He has completed Specialty Registrar Training in Prosthodontics, along with a Masters in Clinical Dentistry and Membership in Prosthodontics at the Royal College of Surgeons of Edinburgh in 2015.

Rupert is also Service Lead in Digital Dentistry and Capital Development.