

SPEAKERS



Dr Shanon Patel



Dr Sheila Cromie



Dr Fadi Barrak



Dr Aengus Kelly



Dr Shalini
Kanagasingam

DENTAL RADIOGRAPHY & CBCT ESSENTIALS FOR GDPs

Lecture objectives:

- Describe IRMER Referrer/Practitioner roles and Radiation Protection in 2D Radiography and CBCT
- Explain the basic principles and limitations of CBCT imaging, including the differences between 2D and 3D imaging.
- Understand the role of CBCT to aid in the diagnosis and treatment planning of endodontic problems including detection of periapical lesions, aid access cavity design, complex anatomy, root resorption, root fractures and more.
- Identify important dentoalveolar anatomy on CBCT and discuss its relevance to implant site assessment.
- Apply justifications and criteria for appropriate CBCT referral.

When

23rd January 2019 (Wednesday)

9.00am - 5.30pm

Where

Greenbank Lecture Theatre, University of Central Lancashire, Preston PR1 2HE

Students £50

BDA member/UCLAN Alumni £80

Non-BDA member/Non-UCLAN Alumni £120

Register by 15th January 2019:

dentistryevents@uclan.ac.uk

PROGRAMME

Time	Programme	Speaker
9.00am-9.30am	Registration Tea/coffee	
9.30am-10.30am	Introduction to CBCT There is no doubt that CBCT has made a significant impact on the management of teeth with endodontic problems. This presentation will cover the limitations of conventional radiography and the indications for CBCT in complex anatomy, detection of apical periodontitis and diagnostic dilemmas.	Shanon Patel
10.30am-11.30am	Core CPD: IRMER in 2D and 3D imaging This presentation will cover radiation physics, dose, risks and update on the relevant regulations for 2D and 3D dental radiography.	Sheila Cromie
11.30am-11.45am	Comfort break	
11.45am-1.00pm	CBCT & Management of Root Resorption The aim of this presentation is firstly, to provide a practical guide for diagnosis of root resorption lesions, and secondly to describe the principles of management of these resorptive defects in everyday practice.	Shanon Patel
1.00pm-2.00pm	Lunchbreak	
2.00pm-3.00pm	CBCT: Dentoalveolar anatomy and implantology This presentation will cover important dentoalveolar anatomy seen in 3D and the use of CBCT in implantology.	Fadi Barrak
3.00pm-4.00pm	CBCT: Endodontic Retreatment and Vital Pulp Therapy This presentation will cover the applications of CBCT in Endodontics. Endodontic (re-) treatment and pulp capping areas of CBCT research that the KCL Endodontic Unit has carried out will also be covered. The results of this research make a direct impact on everyday endodontic practice.	Shanon Patel
4.00pm-4.15pm	Afternoon teabreak	
4.15pm-5.15pm	Interactive Session CBCT: Conversations, consent and case discussion This presentation will address how we talk about imaging with our patients, how it can influence consent and decision-making conversations, and how this might be applied in particular cases.	Aengus Kelly Shalini Kanagasingam
5.15pm-5.30pm	Q&A session	All speakers



SPEAKER PROFILES

Dr Shanon Patel BDS MSc MClintDent MRD FDS FHEA PhD

Consultant Endodontist and Senior Lecturer in Endodontics, King's College London Dental Institute and Specialist Practice

Shanon Patel divides his time between working in a large multi-disciplinary 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 40 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. As a result, he regularly lectures on these topics both nationally and internationally.

Shanon has been the lead author of National (FGDP, Royal College of Surgeons) and European (ESE) guidelines on dental imaging in Endodontics. In addition, he has published over 70 papers in peer reviewed scientific journals and co-edited 4 textbooks; 'Principles of Endodontics' is now in its second edition, and is a very popular undergraduate endodontic textbook, 'Pitt Ford's Problem Based Learning in Endodontics' was one of the first PBL textbooks in our specialty. 'Cone Beam CT in Endodontics' is now recognized as the reference guide for small field, high resolution CBCT in Endodontics. These books have been translated into 5 different languages.

Dr Sheila Cromie BA BDS PGCE FHEA

Senior Clinical Teacher

Sheila spent 17 years in general practice before making the switch to academia. She has a special interest in radiology and has been teaching this subject for the past 10 years on the BDS undergraduate course at UCLan. Sheila has provided core CPD Radiology lectures as well as clinical photography for the BDA NW Branch and Rochdale LDC. Sheila is a member of the British Society of Dental and Maxillofacial Radiology and International Association of Dental and Maxillofacial Radiology since 2009. Sheila also contributes to the radiology and clinical photography teaching on the MSc courses and Clinical Dental Technician programme. Sheila has served as a Secretary and Chairperson of the Ribble Section and BDA Northwest Branch President in 2008.

Dr Fadi Barrak BDS FDS RCS Eng MB BS Lond DiplImpDent RCSEd MSc Implantology FHEA

Senior Clinical Lecturer, Course Lead MSc Implantology, UCLAN

Dr Fadi Barrak is a specialist in oral surgery, an ITI Fellow and the academic lead for the Masters course in Dental Implantology at the University of Central Lancashire where he is responsible for the development and delivery of the curriculum. He graduated in Dentistry from Bristol University, followed by Medicine from Imperial College, London. He is also a Fellow of RCS England and an Affiliate of the RCS Edinburgh. In addition to his clinical and educational roles, Fadi is involved in research at the Materials dept of Imperial College London. Dr Barrak has been involved in implant dentistry since 1998 and has extensive experience both in clinical practice and in training in the field of implantology.

Dr Barrak has a combined experience in oral and maxillofacial surgery in both hospital and primary care settings since 1994. He is also a mentor for the ADI and the ITI. He has more than 15 years experience in implantology, which constitutes over 90% of his clinical work. Having always been interested in clinical education, he has had the privilege of mentoring numerous colleagues over the last eight years, who range from beginners to experienced surgeons.

Dr Aengus Kelly BDS PhD MA MFDS RCPSG MDTFEd

Senior Clinical Lecturer

Dr Aengus Kelly is a Senior Lecturer (Clinical Academic) in Communications and Knowledge Transfer in the School of Dentistry at the University of Central Lancashire (UCLan), Preston, UK. He qualified as a dentist from Trinity College Dublin (TCD) in 1994 and has worked in a variety of primary care settings since then in the UK and Ireland. He holds postgraduate qualifications in Linguistics and Creative Writing, and his PhD (TCD, 2015) research was in Communication in Dental interactions. He has presented papers at a number of international conferences on Dentistry and Healthcare Communication, and has presented risk management workshops on behalf of Dental Protection (MPS) since 2016. In his role at UCLan he lectures on Communication, Professionalism, Dental Education and Research Skills at undergraduate and postgraduate level, is a STEMH Ethics reviewer, and supervises dental research up to doctoral level. He is involved in research in Clinical Decision-making, Dental Education (including online learning) and Resilience. He is also the CPD co-ordinator for the School of Dentistry at UCLan.

Dr Shalini Kanagasingam BDS MClintDent Endodontology MFDS RCSEng MRD RCSEdin MFDS RCSGlasg MRestDentGlasg

Senior Clinical Lecturer, Course Lead MSc Endodontology, UCLAN

Shalini Kanagasingam qualified with a BDS from Universiti Malaya in 2003 and completed a Master of Clinical Dentistry in Endodontology with Distinction at King's College London in 2009. She obtained the Membership of the Faculty of Dental Surgery (2008), Royal College of Surgeons of England and the Membership in Restorative Dentistry of the Royal College of Surgeons of Edinburgh (2009). She is currently the Course Lead for the MSc Endodontology programme at UCLAN. Besides postgraduate and undergraduate teaching, she manages complex primary and secondary endodontic treatment, including microsurgical endodontics referred to the UCLAN Dental Clinic. She is an active BDA member and is serving as the Secretary for the BDA NorthWest Ribble Section.

Shalini is currently pursuing a PhD research at UCLAN, investigating novel multifunctional nanomaterials as endodontic antimicrobials. She has contributed book chapters to Pitt Ford's Problems Based Learning in Endodontology (Blackwell Publishing Ltd, UK 2011), Principles of Endodontics (Oxford University Press, 2nd and 3rd Edn) and CBCT in Endodontics (Quintessence, 2016). She has published in the Journal of Endodontics, International Endodontic Journal, Dental Update, Ultrasonics Sonochemistry and Journal of Forensic and Legal Medicine.