



BITE SIZE EDUCATION

An interactive study club

Course Topic:	What the Root Canal Is Really Doing: Navigating Complex Anatomy with Confidence
Date:	Tuesday 14 April 2026
Time:	6:30pm – 8:30pm (Access and refreshments from 6:00pm)
Venue:	The Training Room, Cirencester Dental Practice, The Old Post Office, 12 Castle Street, Cirencester, GL7 1QA
Contact:	Tel: 01285 640248 / zoe@cirencesterdentalpractice.com
CDP:	2 hours verifiable
Tutor(s):	Dr Ross Cutts & Dr Gavin Ho Fat
Educator:	Dr Adrian Jones

What the Root Canal Is Really Doing: Navigating Complex Anatomy with Confidence

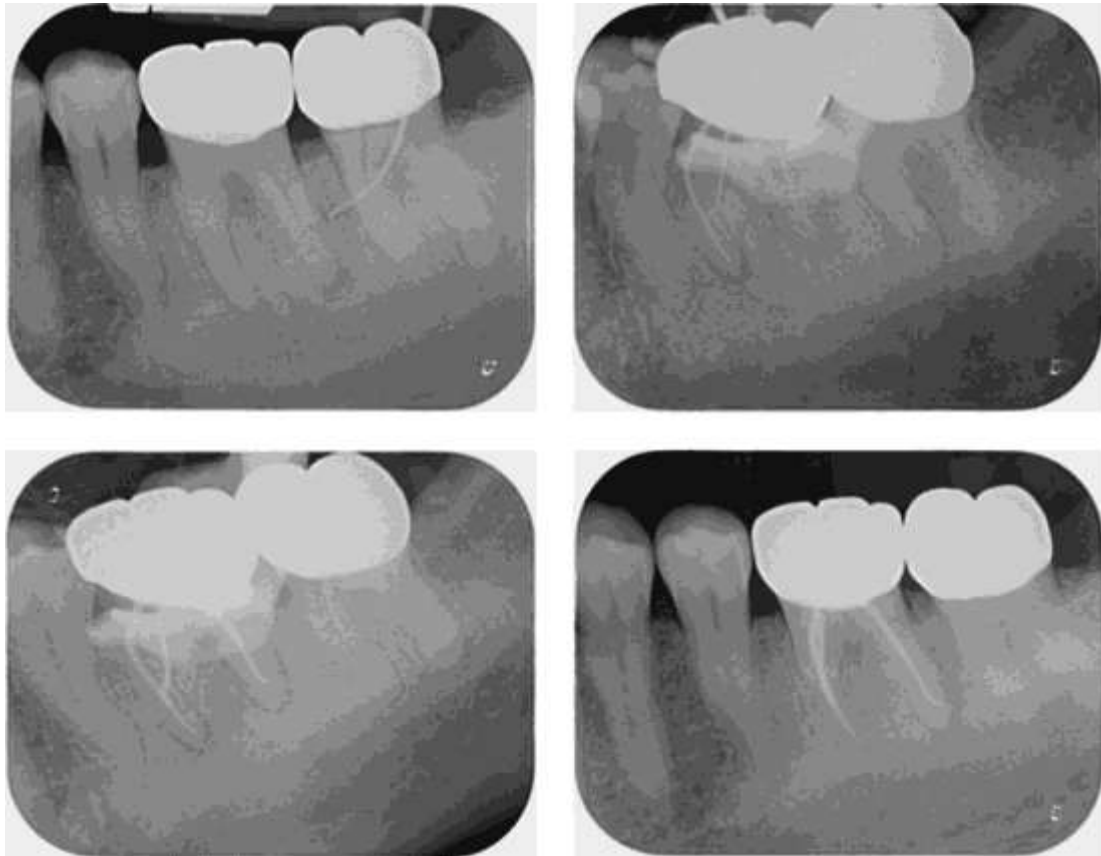
Course Aims:

- To provide an evidence-based overview of anatomical complexities encountered in endodontic treatment, including multi-planar curvatures, lateral canal systems, sharp curvatures, ledges, and root bifurcations.
- To enhance participants' confidence and competence in recognising, negotiating, and managing complex canal morphology, using contemporary techniques underpinned by current best practice.
- To illustrate clinical decision-making in challenging endodontic scenarios through real-world case examples that demonstrate the application of diagnostic, technical, and problem-solving strategies.
- To support clinicians in improving the safety, predictability, and outcomes of root canal treatment in situations where anatomical complexity increases the risk of procedural errors.

Course Objectives:

On completion of this CPD activity, participants will be able to:

- Identify clinical and radiographic indicators of complex canal anatomy, including multi-planar curvatures, deep bifurcations, and accessory canal systems.
- Explain the principles of effective canal scouting and glide-path creation, and describe how these principles contribute to predictable canal negotiation.
- Discuss the challenges associated with acute or sharp curvatures, and outline methods for negotiating these safely using contemporary instruments and techniques.
- Describe the aetiology and recognition of ledges, and apply a structured, stepwise approach to their prevention and management.
- Formulate appropriate strategies for treating teeth with bifurcated or split canals, including instrumentation, irrigation, and working length maintenance.
- Apply a logical and systematic diagnostic and decision-making approach to endodontic cases with complex anatomy, based on current standards in endodontic practice.



Tutor(s):

Dr Adrian Jones

BDS, MFDS RCPS (2001), MSc (Endodontics)

GDC No. 73033



Adrian qualified from the University of Birmingham in 1997. After working for a year back home in Lancashire he returned to Birmingham, working at the dental hospital and in general practice to gain experience within the different fields of restorative dentistry for two years. After a short period of working in Shropshire, he relocated to Gloucestershire and has worked in private practice since 2005.

His post graduate education includes the MFDS in 2001, the Certificate in Oral Implantology and Prosthodontics from the Oxford Society of Implantology in 2009 and a MSc (Merit) in Endodontology from the University of Chester in 2020.

Having worked within a few multidisciplinary specialist practices, he has experience in complex planning, coordination, collaboration and provision of specialist treatments. This includes, when necessary, treating dentally anxious patients with IV sedation in conjunction with a visiting dental sedationist.

Adrian is a dentist with a special interest in Endodontics having accepted referrals for Endodontic treatment since 2007. He can undertake all aspects of root canal treatment, re-treatment and surgical endodontic procedures upon assessment.

When not enjoying dentistry, Adrian can usually be found outdoors enjoying family life in the Cotswolds. In particular running or mountain biking or on the touch lines watching his boys play rugby. He's also a pretty handy guy to have in the kitchen.



Dr Ross Cutts

BDS (Lond) Dip Imp Dent RCS (Eng) MClintDent Fixed and Removable Prosthodontics (KCL Lond) with Distinction
GDC No.: 78162

Having Graduated from Guy's Hospital, London in 2000, I am a dentist with Special Interests in Implant Dentistry and Advanced Restorative Procedures.

I began my Implant journey in 2003 and have subsequently attended extensive Higher Education across the United Kingdom, Europe and North America from the world leaders in Implant Dentistry.

I have been awarded the highly regarded Diploma in Implant Dentistry from the Royal College of Surgeons, London and have followed this by successfully gaining a Masters in Clinical Dentistry from Kings College London in Fixed and Removable Prosthodontics with distinction. This is my commitment to myself and my patients to ensure I can provide the broadest range of treatments available for maximum patient success.

I am a committed Fellow of the International Team for Implantology (ITI) –a past Study Club Director and Study Club Co-Ordinator for the whole of the UK and Ireland and remain a clinical mentor for this Worldwide Organisation.

I regularly hold educational courses, lecture nationwide and in Europe on a variety of topics at different educational levels, with a particular interest in Aesthetic Implant Dentistry. As well as educating others I am regularly asked to write up cases for Straumann and Botiss Worldwide Implant companies to demonstrate successful patient outcomes.

I accept referrals from colleagues for a variety of complicated clinical situations at both my Cirencester and Stow-on-the-Wold Dental Practices.

As well as being a fellow of the ITI (one of only 48 in the whole of UK and Ireland), I am also a member of the Association of Dental Implantology (ADI) and the Royal College of Surgeons (RCS). My commitment to Cosmetic / Aesthetic Dentistry maintains my Full Membership of the British Academy of Cosmetic Dentistry (BACD).



Dr Gavin Ho Fat

BDS (Newcastle), M Imp Dent (RCSEd)
GDC No.: 103457

Having graduated from Newcastle University in 2006 with a clinical distinction and an additional award for composites, Gavin spent 8 years initially in NHS and then fully private practice in London. In 2014, Gavin and his wife Kirsty decided to relocate to the Cotswolds, and he has been working at both Cirencester and Stow-on-the-Wold Dental Practices ever since.

Gavin has invested heavily in further post graduate education to deliver more complex techniques to achieve the best possible long term outcomes for his patients.

He has a specialised interest in dental implants and all aspects of complex restorative dentistry, developing extensively over the last 15 years - gaining lots of experience and clinical expertise in this highly demanding and complex field.

Having passed a robust series of examinations, he is now one of a few dentists to be recognised as a Member of Implant Dentistry by the Royal College of Surgeons Edinburgh.

Gavin takes a holistic, multidisciplinary approach to treating his patients using the latest digital techniques.

He has a calm and sympathetic manner, and works very well with nervous patients. For very phobic patients who struggle with dental visits, Gavin works very regularly with our in-house Sedationist.

In addition to treating patients, Gavin is involved in delivering further education and training for other dentists to improve their knowledge and clinical skills in implants, surgery and restorative dentistry.

Some examples of his work can be found on Instagram @drgavinhofat

Outside of dentistry, Gavin has a keen interest in travel, sport and food. In a former life, he was a regular snowboarder, cycled Lands End to John O'Groats, ran a sub-4 hour marathon and enjoyed travelling the world. However, Gavin and his wife's time is now spent mostly juggling family life with 4 young children and a dog.