

National University Centre for Oral Health Singapore

Lecturer

A/Prof Patrick Tseng

Module 1 24 Feb 2023 25-26 Feb 2023	**7pm - 10pm | Zoom Webinar** **9am - 5pm | Live Lectures + Hands-on**
Module 2 17 Mar 2023 18-19 Mar 2023	**7pm - 10pm | Live lecture @ NUCOHS** **9am - 5pm | Live Lectures + Hands-on**
Module 3 26 April 2023 29-30 April 2023	**7pm - 10pm | Zoom Webinar** **9am - 5pm | Live Lectures + Hands-on**

Venue

National University Centre for Oral Health, Singapore (NUCOHS)

CDE Points: TBC

Comprehensive Endodontics

For The General Dental Practitioner

Series 4

LIMITED TO 30 PARTICIPANTS

Organized by

Sponsored by Dentsply Sirona

Supporting Partner National University Centre for Oral Health Singapore

Supported by ZEISS

Registration starts on 19th Dec 2022, 2100hrs, (First Come, First Serve)

Register at **www.cgdp.org.sg**

For more information, email us at **info@cgdp.org.sg**

Speakers



A/Prof Patrick Tseng PPA(P), PBS

BDS (Singapore), MSc (Endodontics)(Lond), FAMS

- Director, National University Centre for Oral Health, Singapore
- Senior Consultant, NUCOHS
- Associate Professor, Division of Endodontics, Prosthodontics and Restorative Dentistry, Faculty of Dentistry, NUS



Dr Ode Wataru

BDS (Singapore), MDS (Endodontics)(Singapore), M Endo RCS (Edinburgh)

- Consultant and Clinical Lead, Endodontics, NUCOHS
- Assistant Professor and Assistant Dean (Continuing Education), Faculty of Dentistry, NUS



Dr Melissa Tan

Paediatric Dental Specialist
Consultant and Deputy Director, School Dental Service, Health Promotion Board

- Bachelor of Dental Surgery (BDS), National University of Singapore
- Master in Clinical Dentistry (MClinDent), Paediatric Dentistry (London)
- Membership in Paediatric Dentistry Royal College of Surgeons (Edinburgh)
- Consultant, Youth Preventive Dental Service, Health Promotion Board



Dr Frank Lee

Prosthodontist, Senior lecturer, Faculty of Dentistry NUS

- Bachelor of Dental Surgery (BDS), National University of Singapore
- Master of Dental Surgery (Prosthodontics), National University of Singapore
- Membership in Restorative Dentistry from Royal College of Surgeons of Edinburgh (MRD RCS Ed)



Dr Raahib Dudhia

Specialist, Dento-maxillofacial Radiology

- Bachelor of Dental Science (Honours), (BDSc), University of Queensland, Australia
- Doctor of Clinical Dentistry, Dento-maxillofacial Radiology, DClinDent (DMFR)
- President of the Australian Association of Dento-maxillofacial Radiology (AADMFR)
- Discipline Lead, DMFR training, University of Queensland
- Private practice, Dental Radiology Consultancy

Synopsis







Recent improvements in the design of NiTi endodontic files, the use of microscopes, apex locators, digital radiography and cone beam CTs and the various root canal filling systems and biocompatible sealers have helped general dental practitioners perform endodontic treatment safer, more efficiently and with greater predictability.

General Dental Practitioners however still encounter challenging clinical situations such as blockages, ledging or deviation of canals, post endodontic pain and swelling, calcified or curved canals, removal of post cores and root canal filling materials in retreatment cases.

This course comprising 3 modules is designed to equip the General Dental Practitioner with the knowledge to overcome various challenges in endodontic diagnosis, treatment planning, and treatment and retreatments, through in-depth lectures and hands-on sessions.

This modular approach allows participants to understand useful fundamental concepts to manage more complex cases in Endodontics regardless of their levels of experience. Participants will also learn to assess and appreciate the various levels of complexity and which cases to refer appropriately.

At the completion of the course, participants will be able to:

1. Confidently differentiate between odontogenic and non odontogenic pain
2. Understand the use of different diagnostic tests and utilise various diagnostic instruments in Endodontic diagnosis
3. Appreciate the diverse root canal anatomy and its impact on treatment
4. Use of cone beam CT in Endodontic diagnosis and treatment planning
5. Use the microscope effectively and proficiently
6. Be proficient in rubber dam isolation in various clinical scenarios
7. Perform effective access cavity using access burs and ultrasonic tips
8. Use rotary and hand instruments confidently to treat a case predictably
9. Have in-depth knowledge on cleaning and shaping, and irrigation protocols
10. Develop a protocol to achieve a glide path in various clinical scenarios
11. Reduce the incidence of file separation
12. Identify the reasons for canal ledging and stripping, and how to reduce such incidences and manage them
13. Perform single cone, vertical warm, thermoplastic GP and carrier-based obturation techniques in straight and c-shaped canals
14. Perform simple non surgical retreatment cases
15. Remove post cores confidently
16. Perform simple broken file removal
17. Diagnose and manage cracked teeth
18. Deal with the ‘hot’ tooth and difficult anaesthesia
19. Have an appreciation on the controversies in post endodontic restorations and be able to have an evidence-based approach to restore endodontically-treated teeth

Comprehensive Endodontics for the General Dental Practitioner

MODULE 1 — Friday evening Zoom Webinar by Dr Melissa Tan ("Have You Heard of MIH?")

1. Diagnosis of the Endodontically Compromised Tooth
a. Etiology of pulp and periapical disease
b. Current classification of pulp and periapical disease
c. Conventional Diagnostic Tests
d. Special Diagnostic Tests
e. Distinguishing non-odontogenic pain
f. Conventional Endodontic Radiography
g. Maintaining Ideal Endodontic Records
h. The Endodontic-Periodontic dilemma

2. Endodontic Anaesthesia and the 'Hot Tooth'

3. Conventional Root Canal Therapy
a. Anatomy to Successful Endodontics
b. Ideal access cavity design
c. Endodontic Microscopy
d. Cleaning and Shaping the Root Canal System
e. Preparing the Ideal Shape for Root Canal Therapy
f. Irrigation and Chemical Disinfection
g. Understanding the apex locator, it's proper use and ideal lengths
h. Location and negotiation of 'calcified' canals
i. Managing curved canals. Considerations, instrumentation and techniques

Hands-On Course
a. Using the microscope in Endodontics b. Use of ultrasonic tips c. Use of Hand-files d. Initiating the Glide Path with Proglider e. Introduction to Rotary instrumentation – Protaper Gold and Protaper Next and Protaper Ultimate (NEW)

MODULE 2 — Friday evening Live Lecture @ NUCOHS by Dr Frank Lee (Restoring Endodontically Treated Teeth)

1. Preserving the Vital Pulp
a. Indirect/Pulp therapy
b. Pulpotomy
c. Regenerative Endodontics
d. Diagnosis and Management of the 'cracked' tooth

2. Rubber Dam isolation and application
a. Proper selection of rubber dam clamps and rubber dam
b. Isolating tooth with short/ compromised clinical crown height
c. Isolating tooth with deep equigingival or subgingival cavities
d. Other tips and tricks

3. Obturating the Root Canal Space
a. Achieving success with lateral compaction
b. Carrier based obturation
c. Warm Vertical Compaction
d. Understanding bioceramics and it's role in obturating the Root Canal Space

4. The C-Shaped Canal and Open Apex - Preparation and Obturation

Hands-On Course
a. Proper application and Isolation with Rubber Dam b. Obturating the canal space using lateral and vertical compaction techniques c. Obturating the canal space (including the C-shaped canals) with warm vertical compaction
d. Obturation with MTA apical plugs and stops e. Gutta core

MODULE 3 — Wednesday evening Zoom Webinar by Dr Raahib Dudhia (CBCT Applications in Endodontics)

1. Conventional Endodontic Retreatment
a. Management of perforations
b. Removing root canal filling material
c. Removing posts and pins
d. Removing separated instruments
e. Renegotiating the 'blocked' canal

2. Non-vital bleaching of the discoloured tooth

3. Success versus Survival in Endodontics

Hands-On Course
a. WaveOne Gold b. Hybrid Canal preparation techniques c. Perforation repair with MTA/Bioceramics
d. Removal of Gutta percha e. Removal of posts and cores f. Removal of carrier base gutta percha
g. Removal of separated instruments h. Removal of crowns

* The course outline and schedules may change based on the various participant's clinical experience

Course Fees: CGDP Member - $5,200, Non-CGDP Member - $5,500

Registration is on a first come first served basis and will be valid only upon full payment. If payment is not received within 1 week of registration, the seats will be released to other participants. CGDP reserves the right to amend any part of the programme, cancel or postpone the programme, change the venue, date and time of the event without any prior notice. There will be NO refunds for cancellations or non-attendance.