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Limited to 20 participants

College of General Dental Practitioners Singapore

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Comprehensive Endodontics

for the General Dental Practitioner

4 Modules - Lecture + Hands-on



Lecturer

A/Prof Patrick Tseng

Dates

Module 1 - 25, 26 May 2019

Module 2 - 6, 7 July 2019

Module 3 - 24, 25 August 2019

Module 4 - 5, 6 October 2019

56 CDE Points (TBC)

Each module consists of 2 days of lectures and hands-on courses with guidance on the appropriate use of the surgical operating microscope (2 participants will be sharing one microscope)



Venue

National University Centre of Oral Health Singapore (NUCOHS)

Course Fee includes a free starter kit of endodontic products worth S$337!



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A/Prof Patrick Tseng

Division of Endodontics, Operative Dentistry and Prosthodontics, National University of Singapore

Senior Consultant, Dental Cluster, National University Health Systems

- Associate Professor, Division of Endodontics, Restorative Dentistry and Prosthodontics, National University of Singapore (NUS)
- Senior Consultant, Dental Cluster, National University Health System (NUHS).
- Member, Specialist Committee for Endodontics, National University of Singapore
- Past President, Singapore Dental Association
- Founder member, Society of Endodontists, Singapore
- Fellow, Academy of Medicine (Singapore)
- Member, Scientific Advisory Panel, Journal of Endodontics, American Association of Endodontists
- Chairman, Dental Specialist Accreditation Board, Singapore Dental Council

Registration is on a **first come first served** basis and will be **valid only upon full payment**. If payment is not received within **6 weeks 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.**

Course Fees

Before 24 March 2019

CGDP Member - S$3,600

Non CGDP Member - S$4,000

After 24 March 2019

CGDP Member - S$4,200

Non CGDP member - S$4,600



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 4 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

4 Modules - Lecture + Hands-on

Module 1

1. Diagnosis of the Endodontically Compromised Tooth
   a. Etiology of pulp and periapical disease
   b. Current classification of pulp and periapical disease
   c. Endodontic Radiography
   d. Role of CBCT in diagnosis and treatment planning
   e. Conventional Diagnostic Tests
   f. Special Diagnostic Tests
   g. The Endodontic-periodontic dilemma
   h. Distinguishing non-odontogenic pain

2. Conventional Root Canal Therapy
   a. Anatomy to Endodontic Success
   b. Ideal access cavity design
   c. Endodontic Microscopy
   d. Understanding the apex locator, it's proper use and ideal lengths
   e. Location and negotiation of 'calcified' canals
   f. Managing curve canals. It's considerations, instrumentation and techniques
   g. Cleaning and Shaping the Root Canal System
   h. Preparing the Ideal Shape.
   I. Irrigation and Chemical Disinfection

Literature review of position papers on topics
(handouts / references)

Hands-On Course
   a. Using the microscope in Endodontics
   b. Use of ultrasonic tips
   c. Use of Hand-files including Hand Protaper
   d. Initiating the Glide Path with Pathfiles and Proglider

Module 2

1. 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

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

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 obturation

Managing and technique in obturating the Open Apex and C-Shape canals

Literature review of position papers on topics
(handouts / references)

Hands-On Course
   a. Protaper Gold
   b. Protaper Next
   c. Obturating the canal space using warm lateral compaction
   d. Obturating the canal space (straight and c-shaped) with warm vertical compaction
   e. Gutta core

Module 3

1. Endodontic Anaesthesia and the 'Hot Tooth'

2. 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

Literature review of position papers on topics
(handouts / references)

Hands-On Course
   a. WaveOne Gold
   b. Hybrid Techniques
   c. Thermoplastic root canal filling techniques
   e. The MTA apical plug
   f. Pulpal floor perforation repair using MTA

Module 4

1. Restoring the Endodontically Treated Tooth
   a. To crown or not to crown ?
   b. What about bridge abutment ?

2. Bleaching the discoloured non-vital tooth
   a. Achieving the optimal seal

Literature review of position papers on topics
(handouts / references)

Hands-On Course
Retreatment:
   a. GP removal from canals
   b. Removal of post and core, stainless steel and fibre post
   c. Removal of carrier base gp
   d. File removal from canals
   e. Efficient crown removal

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