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3RD EDITION WITH ONE EXTRA
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A to Z MOLAR ENDODONTICS

with

Dr. Abhishek Parolia

4 Day Workshop

31 July - 3 Aug 2025, 9.00am - 5.30pm
Venue TBC

SDA Members: S\$2,300 (w/gst S\$2507)
Non-SDA Members: S\$3,000 (w/gst S\$3270)

For enquiries, please contact 6258 9252 or email cde@sda.org.sg.
To register, click [here](#) or scan the code today.





Improve your skills with

Dr. Abhishek Parolia

BDS (Manipal), MDS (Manipal), MFDS RCPS (Glasgow),
FDS RCS (Edinburgh), PhD (Malaysia)

Associate Professor

Director of Research

Director of Predoc, Sophomore

Department of Endodontics

College of Dentistry and Dental Clinics

University of Iowa

Iowa, USA

This workshop highlights the benefits of illumination/magnification using operating microscopes, ultrasonics, advanced rotary endodontic files, newer irrigation devices, thermoplasticised obturation technique/systems, latest bulkfil materials to achieve predictable coronal seal and management of badly broken-down teeth using post and core. This workshop will provide clinical tips and tricks to manage teeth with root canal morphological variations including MB2 and 'C'-shaped and curved canals. Perforation repair will also be taught

Upon passing the formative assessment, participants will be awarded with a Certificate of Completion.

Length of Course

- 4 full days of face-to-face lectures, demonstrations and hands-on workshops on extracted teeth and 3D printed tooth model

Workshop Contents

Day 1

- Pathogenesis and diagnosis of endodontic cases
- Diagnosis and management of cracked teeth
- Isolation techniques using rubber dam
- Role of CBCT in diagnosing endodontic cases
- Importance of magnification to achieve higher success in managing endodontic cases
- Minimally invasive access cavity preparation in molar endodontic treatment
- Use of ultrasonics in endodontic treatment
- Root canal morphological variations and implications for root canal treatment
- Management of teeth with severely curved and calcified canals
- Understanding of latest rotary files in managing curved canals
- Latest concepts and techniques to achieve disinfection of the root canal system
- Three-dimensional obturation techniques using thermoplasticised obturation systems
- Selection of post endodontic restorations
- Decision making : Single vs multi visits endodontics
- Management of Endo-Perio lesions

Day 2

- Endodontic treatment of maxillary molar teeth: access to obturation under the microscope
- Endodontic treatment of mandibular molar teeth: access to obturation under the microscope
- Use of latest rotary endodontic files and latest technology in root canal disinfection
- Use of thermoplasticised obturation systems

Day 3

- Management of mandibular second molar with 'C-shaped canal: access to obturation under the microscope
- Management of maxillary molar teeth with "MB2" canal under microscope
- Management of molar teeth with severely curved root canals under the microscope

Day 4

- Management of badly broken-down teeth using post and core
- Use of latest bulkfil and matrix retainer systems
- Management of teeth with perforation using MTA and other materials
- Handling of various bio-ceramic based materials
- Written paper and practical test

Demonstration & Hands-On

- Use of microscope/magnification in Endodontics
- Rubber-dam placement techniques
- Access to obturation in maxillary and mandibular molars
- Management of maxillary and mandibular molars with MB2, 'C' shaped and severely curved root canals
- Minimally invasive access cavity preparation in molars under the microscope
- Use of ultrasonics in molar endodontic cases
- Management of curved canals using latest rotary files
- Use of sonics and ultrasonics in Endodontic disinfection
- Use of thermoplasticised obturation techniques to secure '3D' seal
- Use of latest bulkfil and matrix retainer systems
- Management of badly broken-down teeth using post and core
- Management of tooth perforation with MTA and other materials
- Handling of various bioceramic based materials

Course Fees: SDA Member S\$2,300, Non-SDA Member S\$3,000 (excluding GST)
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Payment can be by cash, cheque, fund transfer or PayNow. Registration is on a first-come-first-served basis and is valid upon full payment. If payment is not received within 1 week of registration, the slot will be released to other participants. There will be NO REFUND for cancellations or absence. SDA reserves the right to amend, cancel or postpone the programme, change the event venue, date or time without prior notice.



Programme Outline

DAY 1

Timings	Topic
0830	Registration
0900	Diagnosis, treatment planning and role of CBCT in Endodontics Diagnosis and management of cracked teeth
1030	Tea Break
1045	Strategies to achieve a predictable isolation and access preparation using operative microscope in Endodontics
1230	Lunch
1330	Understanding of root canal morphological variations and disinfection using latest concepts and technology: A clinical perspective Management of teeth with severely curved and calcified canals
1530	Strategies to achieve '3D' obturation of root canal system and post endodontic restorations. Single vs Multi-visits Endodontics . Management of endo-perio lesions
1700	Group reflection and feedback
1730	End of Day 1 Programme

DAY 2

Timings	Topic
0830	Tea
0900	Rubber dam isolation Maxillary and mandibular molar access preparation under operative microscope and use of ultrasonics in Endodontics
1230	Lunch
1330	Latest Endodontic rotary instruments, thermoplasticised obturating material/systems (Endodontic treatment of maxillary and mandibular molar teeth: access to obturation under the microscope)
1700	Group reflection and feedback
1730	End of Day 2 Programme

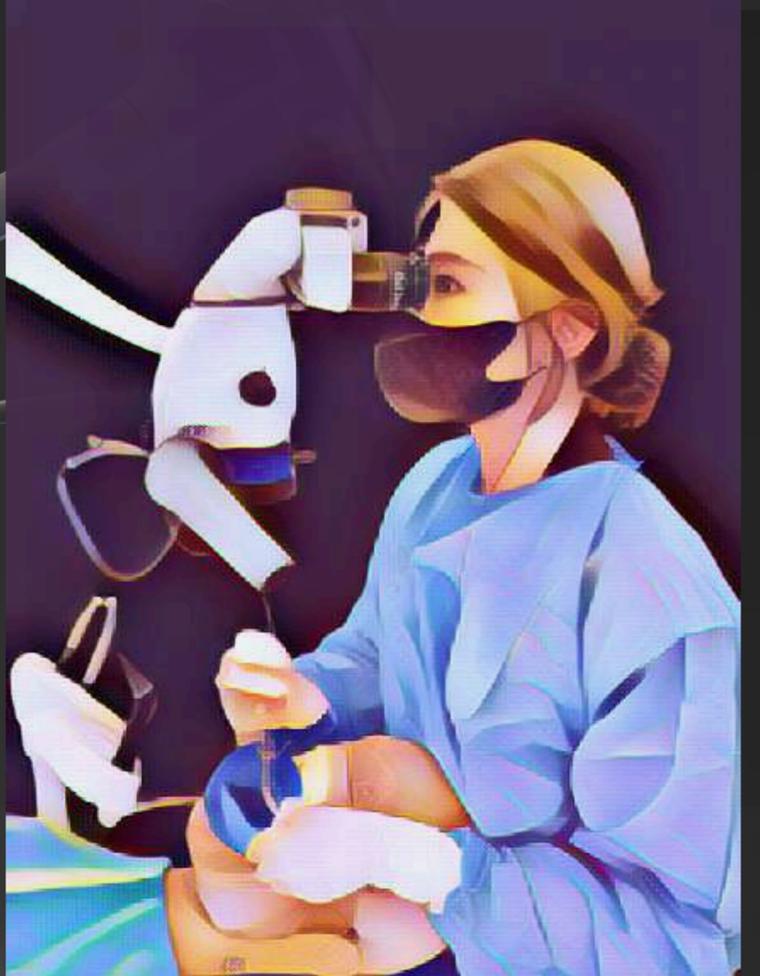
Programme Outline

DAY 3 (Demonstration and Hands-on)

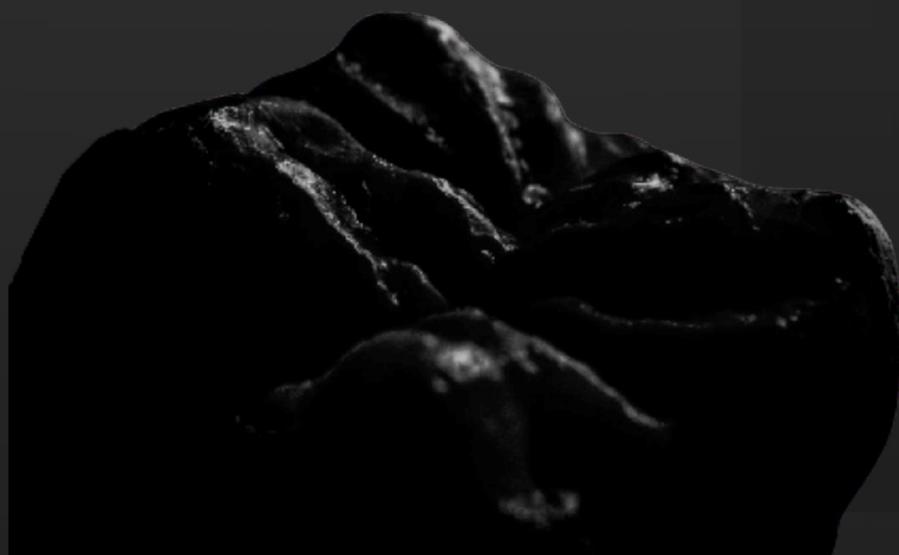
Timings	Topic
0830	Tea
0900	Management of maxillary molar teeth with 'MB2' canal under the microscope Management of molar teeth with severely curved root canals under the microscope
1230	Lunch
1330	Management of mandibular second molar teeth with 'C' shaped canal under the microscope (Complete RCT until obturation under the microscope)
1700	Group reflection and feedback
1730	End of Day 3 Programme

DAY 4

Timings	Topic
0830	Tea
0900	Management of badly broken-down teeth using post and core Use of latest bulkfil and matrix retainer system
1230	Lunch
1330	Management of teeth with perforation with MTA and other materials Handling of various bio-ceramic based materials Written paper and practical test
1700	Group reflection and feedback
1730	End of Day 4 Programme



Molar endodontic treatment can be very challenging for clinicians especially in decision making to get the best outcome of a previously failed endodontic treatment. Understanding the pathophysiology of plural and periodical diseases, role of CBCT, achieving minimally invasive access, root canal morphological variations, predictable debridement using latest concepts and gadgets, three-dimensional obturation and good coronal seal are very essential factors for the success of an endodontic treatment. Therefore, this 4-day molar endodontics workshop will focus on a systematic approach to formulate the clinical diagnosis, use of microscope, ultrasonics and evidence-based treatment protocols to accomplish the predictable success in molar endodontic cases.



Learning Objectives

Upon completion of the programme, the candidate should be able to:

ENHANCE

the evidence-based knowledge and improve skills in managing endodontic cases in clinical practice.

DEVELOP

familiarity with the use of magnification and the latest instruments and technology in managing endodontic cases with a higher degree of confidence and predictability.

BOOST

confidence in managing molar teeth with morphological variations including MB2, 'C'-shaped and curved canals.

MANAGE

badly broken-down teeth using the latest bulkfil material including post and core.



Requirements for Certification

1. Attendance at 4-day in-person lecture & workshop
2. Complete and pass the practical and written paper held at the end of the course

BDS (Manipal), MDS (Manipal), MFDS RCPS (Glasgow),
MFDS RCS (Edinburgh), PhD (Malaysia)

Associate Professor

Department of Endodontics

University of Iowa College of Dentistry and Dental Clinics

Iowa City, Iowa, USA



Associate Professor

Dr. Abhishek Parolia

He is currently working as an Associate Professor in the Department of Endodontics, University of Iowa College of Dentistry and Dental Clinics, Iowa City, Iowa, USA. He has been the Associate Dean for Postgraduate, Continuing Education and Research in International Medical University, Malaysia. He is a member of American Association of Endodontists, International Association of Dental Research, Fellow of Royal College of Physicians and Surgeons of Glasgow and Royal College of Surgeons Edinburgh UK. He is an Examiner for the Diploma of Membership of the Faculty of Dental Surgery (MFDS), The Royal College of Surgeons of Edinburgh, UK. He graduated from Manipal University and awarded a gold medal in Conservative Dentistry and Endodontics. He has been very active in practicing micro-Endodontics and has a vast experience in training dentists. His professional accomplishments include research incentive awards in 2010 and 2011 from Manipal University, best newcomer in 2011, awards for invaluable contribution in leading ICDAS initiative in 2014, E-learning Innovation Award and best lecturer nomination in 2016 from International Medical University. He was awarded the best faculty presentation (Education Research Group) in 2017, International Association of Dental Research, San Francisco, USA. He has also been awarded for developing a new postgraduate programme in Endodontics, long service in 2022 and Teaching Innovation Award in AMEEE Glasgow 2023 (Team Category). His key areas of clinical interest are micro-endodontics, disinfection in endodontics, endodontic retreatment, Endodontic outcome, clinical audit, and governance. He has secured national grants worth of total 150000 USD as a principal and/or co-investigator and published more than 90 scientific papers in national and international peer-reviewed journals and authored six chapters in different textbooks. He has conducted hands-on training workshops and lectured locally and internationally at many countries namely USA, Singapore, Brazil, Hong Kong, Dubai, India, Malaysia, Philippines, Thailand, Indonesia, Cambodia, Vietnam, Belgium, Dominican Republic, Australia, and Canada.