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A to Z

MOLAR ENDODONTICS

with
Dr. Abhishek Parolia

THIRD EDITION

3-day workshop

30 Aug - 1 Sept 2024, 9 - 5pm
Venue TBC

SDA Members: \$2,300
Non-SDA Members: \$3,000

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),
MFDS RCS (Edinburgh), PhD (Malaysia)

Associate Professor

Department of Endodontics

University of Iowa College of Dentistry and Dental Clinics
Iowa City, 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, 'C'-shaped and curved canals.

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

Length of Course

- 3 full days of face-to-face lectures, demonstrations and hands-on workshops on extracted teeth.

Workshop Contents

- Pathogenesis and diagnosis of endodontic cases
- Isolation techniques using rubber dam
- Role of CBCT in endodontics
- 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
- 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
- Post endodontic restorations
- Single vs multi visits endodontics

Day 1

- 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 2

- Management of teeth with 'C-shaped canal: access to obturation under the microscope
- Use of latest bulkfil and matrix retainer systems
- Management of badly broken-down teeth using post and core
- Management of teeth with perforation using MTA

Day 3

Demonstration & Hands-On

- Use of microscope/magnification in Endodontics
- Rubber-dam placement techniques
- Access to obturation in maxillary and mandibular molars including MB2 and 'C'-shaped 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 Technique to secure 3D-seal
- Use of latest bulkfil and matrix retainer systems
- Management of badly broken-down teeth using post and core
- Perforation repair using MTA

Course Fees: SDA Member \$2,300, Non-SDA Member \$3,000. (gst inclusive)
Limited to 25 pax.
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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
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
1530	Strategies to achieve '3D' obturation of root canal system and post endodontic restorations. Single vs Multi-visits Endodontics
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

DAY 3 (Demonstration and Hands-on)

Timings	Topic
0830	Tea
0900	Management of molar teeth with 'C' shaped canals: access to obturation under the microscope
1230	Lunch
1330	Placement of latest bulkfil and matrix system Restoration of broken-down teeth using post and core Management of teeth with perforation.
1700	Group reflection and feedback
1730	End of Day 3 Programme

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.



Molar endodontic treatment can be very challenging for clinicians especially in decision making to get the best outcome. Understanding the pathophysiology of pulpal and periapical 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 a endodontic treatment. Therefore, this 3-days 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.



Requirements for Certification

1. Attendance at 3-day in-person lecture & workshop.
2. Complete and pass the mini quiz held at the end of the course.

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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, Royal College of Surgeons Edinburgh (MFDS RCS) and Royal College of Physicians and Surgeons of Glasgow (MFDS RCPS). He has been appointed as 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 for more than seventeen years and have a vast experience in training young 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 and for the long service in 2022.

His key areas of clinical interest are micro-endodontics, disinfection in endodontics, endodontic retreatment, modern management of dental caries, clinical audit, and governance.

He has secured national grants worth of total 100000 USD as a principle and/or co-investigator and published more than 80 scientific papers in national and international peer-reviewed journals and authored five 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.