



SINGAPORE DENTAL ASSOCIATION
ORGANISER

ADVANCED MICRO- ENDODONTICS

with

Dr. Abhishek Parolia

CPE
Points **22**
for 3-days workshop

3 Day Workshop

17-19 November 2023, 9am - 5.30pm
Venue : NUS Simulation Lab
Certificate of Completion

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.





**Ready to take your skills at
endodontics up a notch?**

Join Us

for the comprehensive Basic and Advanced
Micro-Endodontics Workshop and improve
your skills with

Associate Professor Dr. Abhishek Parolia
[BDS (Manipal), MDS (Manipal), MFDS RCPS
(Glasgow, UK), MFDS RCS (Edinburgh, UK),
PhD (Malaysia)].

This course is a perfect blend for new
dentists to upgrade their skills and
confidence in performing molar
Endodontics, and for experienced dentists
to learn advanced micro endodontics in
managing failed endodontic cases.
Understanding the importance of minimally
invasive access cavity designs, evidence-
based concepts, and use of new gadgets
for effective root canal debridement, three-
dimensional obturation and coronal seal is
crucial for the successful endodontic
treatment.

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 failed endodontic cases
- Isolation techniques using rubber dam
- Role of CBCT in diagnosing failed endodontic cases
- Importance of microscope to achieve higher success in managing failed endodontic cases
- Minimally invasive access cavity preparation in endodontic retreatment
- Use of ultrasonics in endodontic retreatment
- Root canal anatomy and implications for root canal retreatment
- Understanding of rotary files

Day 1

Day 2

- Strategies to remove old root canal filling material
- Role of newer retreatment files
- Latest concepts and techniques to achieve disinfection of the root canal system in retreatment cases
- Prevention and management of ledge formation
- Three-dimensional obturation techniques using thermoplasticised obturation systems

- Management of badly broken-down teeth
- Problem-solving-management of perforation using MTA (perforation repair)
- Management of teeth with open apex
- Management of Endo-Perio lesions
- Management of large periapical lesions

Day 3

Demonstration & Hands-On

- Use of microscope in Endodontics
- Rubber-dam placement techniques
- Minimally invasive access cavity preparation under the microscope
- Use of ultrasonics in retreatment cases including removal of separated files
- Management of cases using latest retreatment rotary files
- Use of sonics and ultrasonics in Endodontic disinfection
- Use of thermoplasticised obturation techniques to secure '3D' seal
- Management of badly broken-down teeth using post and core
- Perforation repair using MTA
- Management of ledge

Course Fees: SDA Member \$2,300, Non-SDA Member \$3,000. (gst inclusive)
Limited to 25 pax.
Join SDA today for more exciting deals and programmes!

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
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0830	Registration
0900	Clinical case selection, decision making and role of CBCT in nonsurgical endodontic retreatment
1030	Tea Break
1045	Strategies to achieve minimally invasive access preparation, importance of microscope, latest concepts and technology of disinfection and '3D' obturation in managing failed endodontic cases
1230	Lunch
1330	Management of large periapical and endo-perio lesions
1530	Management of teeth with open apex and perforation repair
1700	Clinical governance and record keeping
1730	End of Day 1 Programme

DAY 2

Timings	Topic
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0830	Registration
0900	Demonstration and hands-on workshop on minimally invasive molar access preparation under operative microscope and use of ultrasonics in endodontics
1230	Lunch
1330	Demonstration and hands-on workshop on latest endodontic retreatment rotary instruments, disinfection methods, thermoplasticised obturating material/system, new 360° matrix retainer system and bulk fill material
1700	Reflection and feedback
1730	End of Day 2 Programme

DAY 3

Timings	Topic
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0830	Registration
0900	Demonstration and hands-on workshop on perforation repair
1015	Tea Break
1030	Demonstration and hands-on workshop on the management of open apex in endodontics
1300	Lunch
1400	Demonstration and hands-on workshop on bypassing the ledge and removal of separated files
1700	Group reflection and feedback
1730	End of Day 3 Programme



Management of failed endodontic cases can be very challenging for clinicians especially in decision making to get the best outcome. Therefore, this 3-days endodontic workshop will focus on a systematic approach to formulate the clinical diagnosis, use of microscope, ultrasonics, latest rotary instrumentation, thermoplasticised obturation techniques and evidence-based treatment protocols to accomplish the predictable success in treating endodontic cases of minimal to high level difficulty.

All participants will be provided individual microscope to work for three days.



Demonstrations and hands-on training will be done for the following:

- Use of microscope in Endodontics
- How to prepare minimally invasive access cavity preparation under the microscope
- Use of ultrasonics in retreatment cases including removal of separated files
- Molar endodontics using latest rotary files and retreatment files
- Use of sonics and ultrasonics in Endodontic disinfection
- Use of thermoplasticised obturation techniques to secure '3D' seal
- Management of badly broken-down teeth using post and core
- Perforation repair
- Management of ledge

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 most up-to-date instrumentarium in managing molar endodontic cases with a higher degree of confidence and predictability.
- the confidence to manage teeth with open apex and large periapical lesions.

UNDERSTAND

the management of perforation, ledges and separated instruments.



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

BDS (Manipal), MDS (Manipal), MFDSRCPS (Glasgow),
MFDSRCS (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 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.