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# ADVANCED ENDODONTICS

with  
*Dr. Abhishek Parolia*

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

## 3 Day Workshop

29 November - 1 December 2024

9am - 5.30pm

Venue : TBC

SDA Members: \$2,300

Non-SDA Members: \$3,000

For enquiries, please contact 6258 9252 or email [cde@sda.org.sg](mailto: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  
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 workshop highlights the benefits of  
illumination/magnification using operating  
microscopes, ultrasonics, advanced rotary  
endodontic files, retreatment endodontic files,  
newer irrigation devices, thermoplasticised  
obturation techniques/systems, bioceramic  
based root canal filling, latest bulkfil materials  
to achieve predictable coronal seal and  
management of badly broken-down teeth  
using post and core. There will also be clinical  
tips and tricks to manage teeth with open  
apex, perforation, ledges, and separated  
instruments.

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
- 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 morphological and implications for root canal retreatment
- Understanding of rotary files

*Day 1*

## *Day 2*

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

- Management of teeth with perforation using MTA and other various materials
- Management of badly broken-down teeth using post and core
- Management of teeth with open apex (Apexification)
- Removal of separated instrument from root canal
- Problem-solving in Endodontics
- Management of teeth with ledge

*Day 3*

## *Demonstration & Hands-On*

- Use of microscope/magnification in Endodontics
- Endodontic treatment and retreatment: access to obturation in maxillary and mandibular molars
- Minimally invasive access cavity preparation under the microscope
- Use of ultrasonics in molar endodontic retreatment cases
- 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
- Management of open apex (Apexification)
- Perforation repair using MTA and other materials
- Management of ledge
- Management of separated instrument

**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
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 lesions and open apex
1530	Problem solving in endodontics: Management of teeth with perforation, ledge and separated instruments
1700	Group reflection and feedback
1730	End of Day 1 Programme

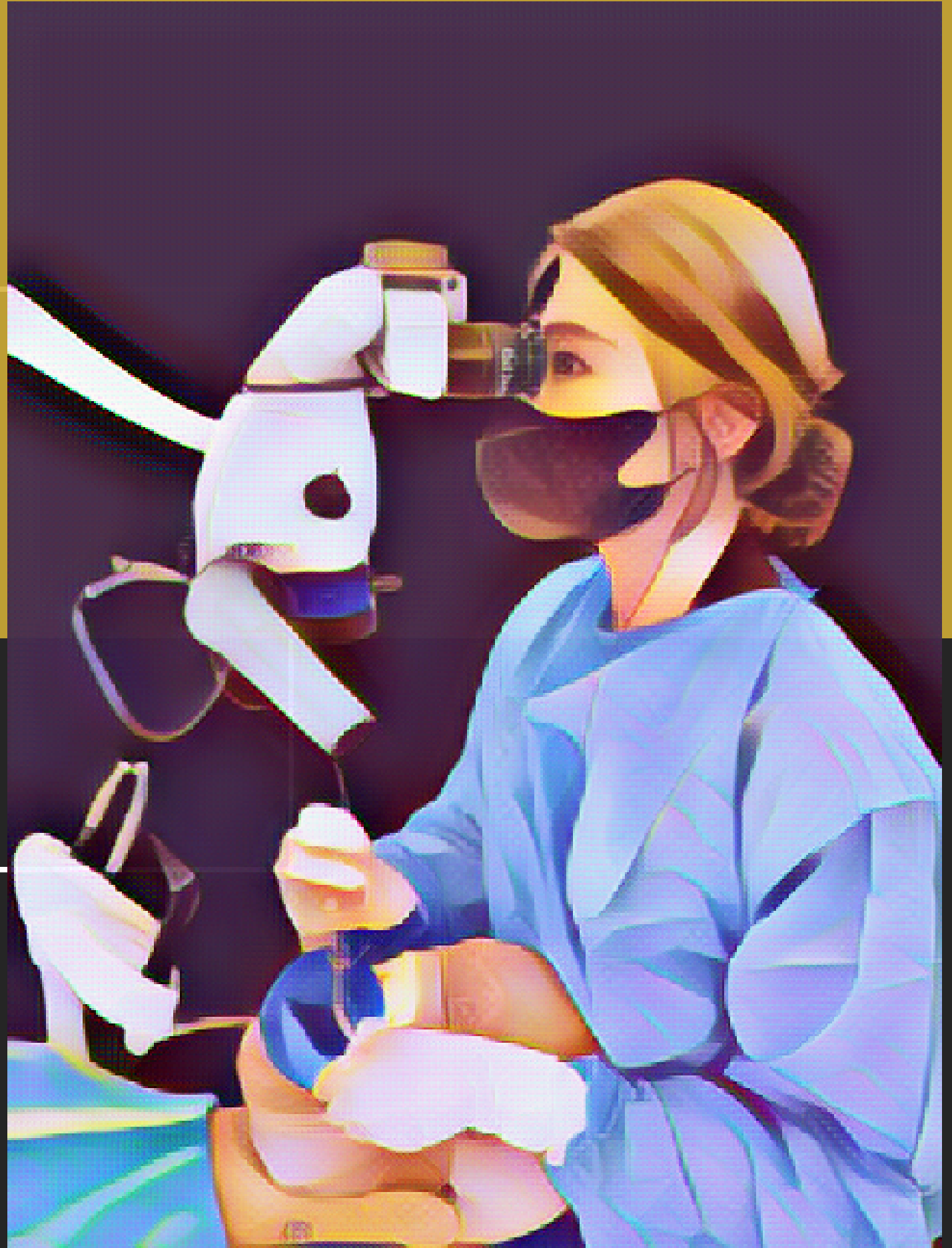
## DAY 2

Timings	Topic
0830	Tea
0900	<ul style="list-style-type: none"><li>• Maxillary and mandibular molar access preparation under operative microscope and use of ultrasonics in endodontic pretreatment.</li><li>• Latest endodontic retreatment rotary instruments, thermoplasticised obturating material or systems</li></ul>
1230	Lunch
1330	Endodontic treatment and retreatment of maxillary and mandibular molar teeth: access to obturation under the microscope
1700	Reflection and feedback
1730	End of Day 2 Programme

## DAY 3

Timings	Topic
0830	Tea
0900	<ul style="list-style-type: none"><li>• Use of bio-ceramic based obturation techniques and systems to secure '3D' seal.</li><li>• Management of badly broken-down teeth using post and core.</li><li>• Management of open apex (Apexification).</li></ul>
1230	Lunch
1330	<ul style="list-style-type: none"><li>• Management of teeth with perforation using MTA and other materials</li><li>• Management of ledge</li><li>• Management of separated instruments</li></ul>
1700	Group reflection and feedback
1730	End of Day 3 Programme





Endodontic retreatment can be very challenging for clinicians especially in decision making to get the best outcome of a previously failed endodontic treatment.

Understanding the reasons for the failure, achieving minimally invasive access, complete removal of old root canal filling material, 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 retreatment.

Therefore, this 3-days advanced 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 treating failed 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 failed endodontic cases in clinical practice

## **DEVELOP**

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

## **BOOST**

confidence in managing teeth with open apex and  
large periapical lesions

## **MANAGE**

teeth with 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.



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Associate Professor

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*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 principle 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.