



ACADEMY OF MODERN DENTISTRY

ENDODONTIC COURSE – 3 Months

This is an intensive 52 days program consisting of clinically oriented lectures, hands-on workshops on mannequins and patients, clinical demonstrations on various aspects of non-surgical root canal therapy using advanced techniques and armamentarium.

The course will enhance the participant's knowledge and skill in various topics not only pertaining to endodontics but also the inter-relationship of other fields like Periodontics, Oral Surgery/Medicine, Prosthodontics and Orthodontics.

The participants will be exposed to the latest practices in surgical and non-surgical endodontics.

There will be a detailed theory and practical sessions held over this period.

Theory will be in the form of lectures using PowerPoint presentations, demonstration on mannequins and certain live demonstrations.

LECTURES:

- Lecture modules will be taught in our academy lecture hall.

PRACTICALS:

- Pre-clinical practice on typhodonts and naturally extracted teeth.
- Clinical practice on patients.

LECTURES & HANDS ON COURSE WILL INCLUDE THE FOLLOWING TOPICS:

• MODULE 1

1. Pulp dentin complex
2. Anatomy of tooth and root.
3. Pulpal and periapical pathology.
4. Infection control and various sterilization techniques.

• MODULE 2

1. Management of pain in endodontics.
2. Treatment planning and pre-operative assessment in endodontics.
3. Diagnostic aids including detailed use of Radiographs.
4. Isolation including rubber dam application.

• MODULE 3

1. Access opening guidelines for anteriors, premolars and molars.
2. Access cavity preparation in complex cases.
 - Establishment of glide path.
 - Errors in access cavity preparation.
 - Location of additional canals
 - Removal of pulp stones
 - Management of curved canals
 - Management of calcified canals

• MODULE 4

1. Working length determination
2. Irrigants and irrigation devices.
3. Cleaning and Shaping of canals.
 - Armamentarium
 - Preparation using Hand instruments
 - Preparation using Rotary Ni-Ti instruments
4. Intracanal medicaments.

• **MODULE 5**

1. Root canal sealers
2. Obturation
 - Obturation materials and equipment
 - Timing of Obturation and challenges
 - Various Obturation techniques with emphasis on
 - Back fill techniques
 - Down packing techniques

• **MODULE 6**

1. Post – endodontic restorations.
 - Prefabricated post and core build up
 - Custom cast post and core build up.
2. Endodontic mishaps.
3. Endodontic Failures
 - Internal and external resorption
 - Flare ups
 - Traumatic injuries.
4. Apexogenesis, apexification and various pulp capping procedures.
5. Endodontic retreatment.

• **MODULE 7**

1. Principles of tooth preparation.
2. Tooth preparation of PFM crowns and ceramic crowns.
3. Impression materials and techniques.
4. Tissue retraction.
5. Temporization
6. Cementation of crown.

• **MODULE 8**

1. Local Anaesthesia techniques.
2. Medical emergencies
3. Endo-Perio relationship
4. Magnification in endodontics using Loupes
5. CBCT in endodontics.
6. Apicoectomy

- **Course Duration** – 3 Months
- **Working Days** - Monday to Thursday
- **Timings** – 9:30 am to 4pm
- **Cost of the Course** – RS 2,50,000/-
- **Slot reservation advance** – RS 50,000/-
- **Provisions** – All materials will be provided for the course including a pair of Loupes
(Student only needs to carry her/his own hand piece)

OUR MENTORS



COURSE DIRECTOR

Dr Anuradha Navneetham

Oral & Maxillofacial Surgeon, Implantologist,
Diplomat ICOI



Dr Rachana

Endodontist & Cosmetic
Dentistry



**** COVID-19****

We are undertaking all precautions given the current situation and have a strict sanitation protocol. All lectures and mannequin practice will be carried with a 6ft distance between the students. All hands-on procedures will follow complete protection protocols for both the patient and the student.

Given the current situation, we will be able to accommodate only 7 students per batch and hence request students to enrol at the earliest.

** For any further query please contact us on ar.amd2017@gmail.com or you can drop us a message on [+91- 9341218602](tel:+91-9341218602) / [+91-7349006089](tel:+91-7349006089) / [+91-9845205865](tel:+91-9845205865) or visit us on www.aracademyofmoderndentistry.com **