

COURSE MODULES&CONTENTS : MASTER CLINICIAN PROGRAM

3 Months Program (MCP-Integrated Clinical Endodontics)

Speciality Subjects Included

- 1. Endodontics**
- 2. Clinical Endodontics**
- 3. Endodontics For Complex Cases**
- 4. Rotary Endodontics**
- 5. Advanced Endodontics**
- 6. Post Endodontic Restorations**
- 7. Fixed Prosthodontics**
- 8. Aesthetic Dentistry**
- 9. LASERS in Modern Dentistry**
- 10. Clinical Periodontics**
- 11. Minor Surgical procedures**
- 12. Clinical Pedodontics**
- 13. Restorative Dentistry with Composite Resins**
- 14. Fundamental of Micro dentistry**

MODULE 1: Fundamental of Endodontics

1. Pulp dentin Complex
2. Anatomy of root Apex
3. Internal anatomy of Individual permanent teeth
4. Pathways of Pulpal infection and Endodontic microbiology
5. Pulp and Peri-apical pathology
6. Endodontic Pharmacology
7. Diagnostic aids in Endodontics
8. Radiographs : IOPAR, OPG and CBCT
9. Diagnosis and treatment Planning
10. Endodontic Instruments and Standardization

MODULE 2 : Clinical Endodontics

Faculty:Dr.Raghu Narayan

1. Access Preparation for individual tooth
2. Working Length Determination
3. Cleaning and Shaping and Instrumentation
4. Irrigation and Clinical methods /Sequence of irrigation
5. Intra-canal Medicaments
6. Protaper hand instruments and Instrumentation technique
7. Obturation Techniques-3D Obturation

MODULE 3 : Endodontics for Complex Cases

Faculty: -Dr.Anantha Krishna, Dr.Raghu Narayan,

1. Management of Calcified Canals
2. Management of Curved Canals
3. Management of endodontic flare-up

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4. Management of perforation defects
5. Management of ledges and blocked canals
6. Management of Resorption
7. Management of instrument separation
8. Management of Endo-Perio lesions

MODULE 4 : Rotary Endodontics

Faculty:-Dr.Raghu Narayan

1. NiTi Alloy and its properties
2. Principles of NiTi Rotary files
3. Endomotors – Rotary, Reciprocation, Adaptive motions
4. Rotary Endodontics Multiple System Presentation by Participants

MODULE 5 : Advanced Endodontics

Faculty:-Dr.Raghu Narayan

1. Single Visit Endodontics
2. Advanced Obturation techniques
3. Surgical Endodontics
4. Retreatment in Endodontics

MODULE 6 : Post Endodontics Restoration

Faculty- Dr.Raghu Narayan

1. Access Filling and Core Buildup- sonic fill, dual cure resin, SDR
2. Post and Core- threaded metal. Fiber, cast post, direct and indirect techniques.
3. Endo Crowns- case selection, short crown prepn, bevels, impression technique.

MODULE 7: Fixed Prosthodontics

Faculty-Dr.Aatish Shah

1. Principles of Tooth preparation
2. Shade Matching
3. Impression Materials and Impression Techniques
4. Temporization
5. Cementation
6. Occlusion

MODULE 8: Aesthetic Dentistry

Faculty- Dr.Raghu Narayan and Dr.Aatish Shah

1. Principles in Aesthetics Dentistry
2. Smile design
3. Case Selection
4. Clinical Mock-up/ Lab wax-up (Galip Gurel technique)

Ceramic Veneers and Laminates

5. Case selection
6. Putty Index for Tooth Preparation
7. Tooth Preparation
8. Impression
9. Temporization
10. Shade Selection
11. Try in
12. Cementation
13. Lab Communication

Composite veneers and laminates

1. Wax up and mock up preparation
2. Direct and indirect putty index
3. Tooth Preparation
4. Various Bevels and indications
5. Material selection
6. Optical properties of Composite
7. Armamentarium (instruments, Brushes, rollers)
8. Layering Techniques
9. Diastema Closure
10. Emergence profile and matrices
11. Cosmetic Contouring.
12. Composite polishing
13. Composite Aesthetic restoration for Class-III, Class-IV , Incisal fractures
14. Use Tints and Stains for optical camouflaging
15. Pink Aesthetics with composite

Bleaching/Tooth Whitening

16. Case selection
17. Internal Bleaching

18. Home Bleach
19. In-office/ laser bleaching

MODULE 9: LASERS in Modern Dentistry

1. LASERS: Science and Principles
2. Lasers in general dental practice
3. Soft tissue LASERS
4. Lasers in Aesthetic dentistry
5. Lasers in Endodontics
6. Low level Laser Therapy (LLLT)

MODULE 10: Clinical Periodontics

1. Normal Structure and pathophysiology of periodontics
2. Diagnosis and treatment planning-Case Discussion
3. Non surgical Management
4. Endo-Perio Lesions
5. Crown lengthening
6. Lasers in Perio
7. Splinting

MODULE 11: Minor Surgical procedures

Faculty: Dr.Manjunath. MDS

1. Introduction to surgical Anatomy of maxilla and mandible
2. Local anesthesia and it's clinical application
3. Management of medically compromised patients
4. Medical emergency n it's management
5. How to enhance your surgical skills
6. Basic instruments required for day to day surgical practice
7. Understanding the concept of incision and flap design
8. Clinically and Radiographic diagnosis
9. Assessment of tooth for closed or open method of extraction
10. Understanding of Rotary instrument in open extraction
11. Different techniques of odontectomy
12. Post-operative complication and it's management

MODULE 12: Clinical Pedodontics

1. Apexification and Apexogenesis
2. Revascularization
3. Pediatric Endodontics
4. St.Steel crowns

Module 13: Restorative dentistry

Faculty: Dr.Raghu Narayan,

1. Ceramic Inlay and onlay preparation
2. Chair side inlay/onlay fabrication with composites
3. Matrices

4. Class-I and Class-II Aesthetic restoration with direct and indirect stamp techniques

Module 14: Fundamental of Micro-Dentistry

1. Magnification in Dentistry
2. Loupes & Dental Operating Microscopes
3. Ergonomics

Course Timing :

Monday to Friday (10:00am-4:00pm)

**Saturday (10:00am-1:30pm)

** After 3:00pm-5:00pm Clinical Cases Will be Allotted

Unique Value Proposition

- Professor and Reader cadre faculty members with present Clinical practice to give both academic and clinical knowledge gained over the years.
- HD Videos of All preclinical and clinical Demonstration.
- Clinical patients provided by the academy.
- Total of Minimum 40 Clinical Cases will be allotted to Each Participant.
Includes 15 RCT, 15 Crown and Bridge and 5 to 10 Post and core build up and Academy will provide all the latest instruments, materials, and bear the lab Expenses with no additional cost to participants.
- Soft tissue lasers , composite Restorations, Non-surgical periodontal treatment cases will be allotted based treatment requirements to already allotted rct or prosthodontics cases and all materials, instruments and equipment provided by the academy with no additional expenses to participants.

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- Additional cases based on availability; Veneers, Inlay, onlay and bleaching cases can be allotted to the limited participant who are willing to bear only the lab expenses.
- Academy will provide All instrument and Equipment's required for preclinical and clinical procedures (except optional cases) for the Entire Course .
- Get Qualified to attend advanced Endo Programs at DACE/UB, USA
- Each Participant will Receive :
 - The Course Completion Certificate
 - Experience Letter will be provided.
 - Reference / Recommendation** letter for Further Studies and for Jobs
 - Year Long personal Mentorship after the Completion of the course
 - Year Long Access to Digital library
 - Study material
 - Individual Working Station
 - Locker Facility
 - Access to High Speed internet

Course Fee: 4.1lakh (Four lakh Ten thousand Only)

Training Location: Academy Of Advanced Endodontics
Indira Nagar 2nd Stage
Bengaluru, Karnataka 560008

Further details: www.aae-india.com

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