

SURGICAL ENDODONTICS

- Periapical surgery
- Periapical curettage
- Root resection
- Retrograde filling
- Suturing technique



PROSTHODONTICS

□ CROWN & BRIDGE

- Principles of tooth preparation
- Crown lengthening;
– when and how to do?
- Silicone index
- Tooth preparation
- Gingival retraction
- Elastomeric impression
- Temporization



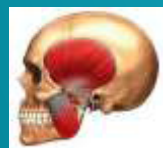
□ BPS dentures

□ Sunflex flexible dentures

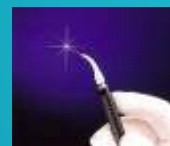


ORAL SURGERY

- Extractions using peizotome
- Impaction
- Alveoplasty
- TMJ diseases, disorders & management
- Haemorrhage & Shock



IMPLANTS OVERVIEW LASER AND ITS APPLICATIONS



- GTR – Guided tissue regeneration
- Grafts
- Frenectomy
- Operculectomy
- Crown lengthening
- Gingival contouring
- Gingivectomy
- Bioregenerative materials
- Pigmentation removal



- Treatment of gingival enlargement
- Resective osseous surgery
- Furcation involvement and treatment
- Localized bone augmentation

□ Gingival surgical techniques

□ Flap surgeries

- Rationale for periodontal treatment
- Sonic and ultrasonic instrumentation
- Peizotome enhanced curettage
- Root planing
- FRC Splinting

□ Management of Avulsed tooth

□ Gingival surgical techniques

□ Flap surgeries

OCCCLUSION

- Occlusal evaluation & therapy
- Centric relation
- Centric Occlusion
- Intercuspal position– ICP
- Posselt's envelope
- Bite registration
- Dynamic Occlusion
– Guidance(Incisal / Canine)



EMERGENCIES IN DENTAL PRACTICE

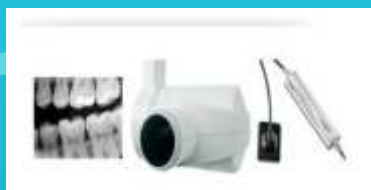
COURSE DURATION

- 2 MONTHS
- CUSTOMIZED COURSES TO SUIT
INDIVIDUAL NEEDS ARE ALSO AVAILABLE



RADIOLOGY (RVG, OPG, CEPHELOMETRY)

- Radiographic techniques
- Interpretation of radiographs



COURSE HIGHLIGHTS:

- State-of-the art –Techniques & Materials
- Problem based learning
- Evidence based practice
- Vendor interaction
- After course - online support
- Learn to do Molar Endo in less than half an hour.

CERTIFICATE PROGRAM IN CLINICAL DENTISTRY

- Master Your Dental Skills



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Venue

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INTRODUCTION :

The pursuit of lifelong learning - whether to enrich our lives, follow a new dream, or simply challenge ourselves, is certainly something that appeals to many of us. In the field of dentistry, technological advancement comes at a rapid-fire pace, staying abreast of the latest research, tools and treatment methods is crucial. Especially for individuals who are just beginning a career, dental continuing education can open new career pathways; provide opportunities for advancement and improve earning power.

Here at the Academy of Advanced Dentistry, we provide a convenience to the striving dentists for clinical mastery & breakthrough training, to keep themselves in par with the latest developments in the field of dentistry.

AAD COURSE DIRECTORS

Dr. K. S. Senthil kumar, founder and an exuberant faculty of AAD, emerged as a successful dentist in 1995 & acquired his masters in ORTHODONTICS and DENTOFACIAL ORTHOPEDICS in the year 1999 from the Tamil Nadu Dr.MGR medical university. Currently a professor in the department of Orthodontics at Meenakshi Ammal Dental College & Hospital, he has over 18 years of expertise in Clinical field, and over 12



years of post graduate teaching experience. With his areas of specialization in SURGICAL ORTHODONTICS, TEMPEROMANDIBULAR JOINT DISORDERS, OCCLUSION he has many national publications, won awards at National Conferences & being a National Trainer for SAM-3 articulator to his credit, he has also procured a Fellowship in the NOBEL BIOCARE IMPLANTS (Sweden). Being a captivating, witty, energetic teacher, and gaining a wide knowledge of the recent advances he presents a simplified forum of complicated subjects in his own style.

Dr. S. Hemamalathi, the co-founder and extravagant faculty of the ACADEMY OF ADVANCED DENTISTRY, graduated from the Tamil Nadu Government Dental College in 1996, and acquired her masters in ENDODONTICS in 2001 from the Tamil Nadu Dr.M.G.R.Medical University. With her innovative skills, she has been conferred the Best POST GRADUATE STUDENT award by the Indian Endodontic society and also the recipient of



the prestigious Dr.T.D.Chugh award for the Best Scientific Paper. Currently as Professor in the Department of Conservative Dentistry and Endodontics at Meenakshi Ammal Dental College, with 15 years of clinical expertise, she has been actively training post graduates and Undergraduates from 2001. With her explicit teaching skills, she has been actively coaching BDS graduates for MDS Entrance examinations. Being a vivid researcher, she has 6 best paper awards and more than 18 national & 5 international publications. With no doubt she can assure a strong knowledge of each areas of dentistry.

ABOUT THE COURSE

This course provides you with an opportunity to relearn the clinical extravaganza in dentistry, and thereby bridge the gap between old & new techniques and concepts. This bridge course was initiated to increase the standard of care, imbibe the advanced techniques and upgrade to the quality of treatment rendered to the patient fraternity. It is a customized course structure with one-to-one training to impart flexible knowledge and effective clinical problem solving skills to acquire the importance of problem based learning and evidence based practice.

COURSE CONTENTS:

COSMETIC DENTISTRY:

- VENEER
 - Composite veneers
 - Porcelain laminate veneer
- DIASTEMA MANAGEMENT
- BLEACHING



- In – office bleaching
- Night guard bleaching
- Internal / Walking Bleach



- MANAGEMENT OF CLASS V LESIONS
- MATRICES
 - Auto Matrix retainerless matrix system
 - Sectional Matrix Systems
 - Palodent
 - V3 Triodent
 - Composi- Tight 3D sectional matrix
 - V ring
 - Bio Clear
 - Wedges and wedging techniques

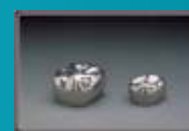
COMPOSITE RESIN RESTORATION:

- Layering technique, Ramped/ staged curing, LED vs QTH
- Bilayered restoration,
 - Open sandwich
 - Closed Sandwich



PEDIATRIC DENTISTRY:

- Fluoride application
- Pit and fissure sealants
- Pulpotomy
- Apexogenesis
- Apexification
- Endodontics in primary teeth
- Stainless steel crowns
- Space maintainers
- Preventive & interceptive orthodontics
 - Habit breaking appliances
 - Serial extraction



ENDODONTICS:

1) STATE OF THE ART ENDODONTICS FOR GENERAL PRACTITIONERS

- Rationale of Endodontic treatment
- Diagnosis and treatment planning
- Root canal system anatomy and internal variations in configuration
- Access opening
 - Anterior, Premolars, Molars
 - SLA- Straight Line Access
 - De-roofing
 - Orifice location
- Working length determination
- Apex locators
- Rationale of cleaning and Shaping
- Working width- the forgotten dimension
- Maximum microbial control using irrigants
- Apical Negative pressure irrigation- Endovac
- Role of Intracanal medicaments
- Cleaning and shaping using Manual and Rotary Instruments
- Three dimensional obturation
- Single sitting endodontics
- Recent advances in endodontics



2) POST ENDODONTIC RESTORATION AND RETREATMENT

- Principles of Post and Core
- Anatomical, Biological and Mechanical considerations in restoring endodontically treated teeth
- Post designs and types
- Tapered Vs Parallel posts
- Metal posts Vs Fibre posts
- Post space preparation
- Luting cements
- Intra-radicular rehabilitation using FRC
- Core materials
- Rationale for Non-Surgical RCT
- Restorative disassembly techniques
- Identification/treatment of missed canals
- GP removal using solvents, heat, H-files, rotary
- Ultrasonics in retreatment
- Efficient removal of silver points
- Predictable removal of posts and cores
- Endodontic mishaps :
 - Causes and prevention
- Broken instrument retrieval
- Blocks: Negotiation and patency
- Ledges: Bypass and management
- Perforation management :
 - MTA and its applications

