

### Program Schedule:

The above courses will be conducted on a regular basis during weekends (Saturday and Sunday). Interested doctors can contact the AAD centre to obtain more details.

### Time:

9am to 4pm

### Venue:

AAD Centre

No.23A, 1st Main Road,  
Jawahar Nagar (Opp. Murugan Temple),  
Chennai - 82

Mobile: 09444209800  
09840637208



### Course Highlights:

- Class size is limited to 10 participants
- Learn to do molar endo in less than 30 minutes
- Special discounts on equipment and materials
- Certificate will be awarded after successful completion of the programme

#### Program at a glance:

- Multimedia Presentations
- Live Demonstrations
- Hands-On workshop
- Clinical Discussions
- Vendor Interaction

#### Course Fee Includes:


- Tuition fees
- Supply of course materials/CDs
- Working lunch & refreshment's
- Use of RVG & Intra-Oral Camera
- Library & Internet

**AAD will forever change the way you practice**

#### Contact Details

Dr. S. Hemamalathi  
Mobile: 09444209800,  
09840637208

e-mail: [hemamalathi@yahoo.com](mailto:hemamalathi@yahoo.com)  
Website: [www.smileandglow.com](http://www.smileandglow.com)

 [www.facebook.com/smileandglow](http://www.facebook.com/smileandglow)



# Contemporary Endodontics

*A Hands - on  
Experience*

### Venue:

AAD Centre

No.23A, 1st Main Road,  
Jawahar Nagar (Opp. Murugan Temple),  
Chennai - 82

**Presented by:**



Academy of Advanced  
Dentistry



Smile & Glow  
Dental Healthcare Pvt. Ltd

AN ISO 9001:2008 Certified Clinic

## Course Director:

**Dr. S. Hemamalathi** is the co-founder and director of the Academy of Advanced Dentistry. She graduated from the Tamil Nadu Government Dental College in the year 1996 and acquired her masters in Endodontics in 2001 from the Tamil Nadu Dr. M.G.R. Medical University.



She was the university topper in the post graduate exams and was conferred the Best Post Graduate Student award by the Indian Endodontic society. She is the recipient of the prestigious Dr. T. D. Chugh award for the best scientific paper. She is currently working as Professor in the Department of Conservative Dentistry and Endodontics, Meenakshi Ammal Dental College and Hospital, where she has been actively training post graduates and under graduates since 2001. She is a vivid researcher and has 6 best paper awards and more than 18 national and 5 international publications. She is also involved in active coaching of BDS graduates for the All India and Tamil Nadu MDS entrance exams.

### Professional Affiliations:

Dr. S. Hemamalathi is a member of the Federation of Operative Dentistry and the Indian Endodontic Society, Indian Dental Association and the Indian Society for Dental Research.

She has lectured in many national conferences. She is the co-founder of the Smile and Glow Dental Healthcare Pvt. Ltd. The clinical expertise which run a span of 15 years has no doubt given her a strong foot hold in the field of dentistry which she passionately carries out.

### Course Overview

The Hands-on training provide an opportunity for clinical mastery & breakthrough training. Evidence-based procedures are clearly demonstrated utilizing the most proven state-of-the-art techniques. It affords an unique learning environment and features an intra-oral camera, digital radiography, apex locators, endodontic motors and handpieces. Every workstation is fully equipped with airtor and micromotor modules and complete armamentarium and supplies necessary to participate fully.

### Courses presently offered include :

1. State-of-the-art Endodontics for the General Practitioner
2. Post Endodontic restoration and Retreatment

## 1. State-of-the-art Endodontics for the General Practitioner

### Day I

#### Lectures

- Rationale of Endodontic treatment
- Diagnosis and treatment planning
- Root canal system anatomy and internal variations in configuration
- Access opening
  - ÿ Anterior, Premolars, Molars
  - ÿ SLA- Straight Line Access
  - ÿ De-roofing
  - ÿ Orifice location



- Working length determination
- Apex locators



#### Live Demonstrations

- Rubber dam placement
- Access opening in a molar tooth on a patient
- Working length determination using RVG and Apex locator

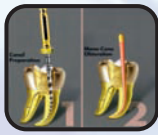
#### Hands-On exercises

- Access opening in extracted natural teeth (minimum of 10 teeth)
- Orifice enlargement
- Working length determination using RVG and Apex locators

### Day II

#### Lectures

- Rationale of cleaning and Shaping
- Working width- the forgotten dimension
- Maximum microbial control using irrigants
  - ÿ Apical Negative pressure irrigation- Endovac
  - ÿ Role of Intracanal medicaments
- Cleaning and shaping using
  - ÿ Manual and Rotary Instruments
- Three dimensional obturation
- Single sitting endodontics
- Recent advances in endodontics



#### Live Demonstrations on patients

- Cleaning and shaping of molar tooth using hand and rotary instruments
- Three dimensional obturation

#### Hands-On exercises

- Cleaning and shaping on extracted teeth using hand & rotary system
- Obturation using
  - ÿ Lateral condensation
  - ÿ Single cone technique.

## 2. Post Endodontic Restoration and Retreatment

### Day -I

#### Lectures

- 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



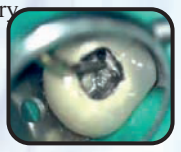
#### Live demo & hands - on

- Post space preparation
- Try-in of post and assessing with RVG
- Post placement (one metal and one FRC post)
- Core buildup

### Day - II

#### Lectures

- 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



#### Demo and Hands-On

- GP retrieval from obturated teeth using Rotary retreatment files
- Silver point & broken instrument retrieval from obturated teeth
- Post retrieval
- Perforation repair using MTA