



ORGANIZED BY  
MALAYSIAN DENTAL ASSOCIATION  
(SOUTHERN ZONE)



**ENDODONTICS:**

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**RETREATMENT &  
PERFORATION  
REPAIR**

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\*Pending CPD Approval\*

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REGISTRATION ONLINE :  
[WWW.MDA.ORG.MY](http://WWW.MDA.ORG.MY)

**MDA  
MEMBER  
RM800**

LIMITED TO 20 PAX ONLY

**NON  
MEMBER  
RM1200**

Date :  
13 JAN 2019 (9am-6pm)  
Venue :  
a.b.c Dental Center, JB

# S P E A K E R P R O F I L E

## A S S O C . P R O F . D R . K A C H A R A J U K R A N T H I R A J A

DEPUTY DEAN (RESEARCH AND POST GRADUATE)  
FACULTY OF DENTISTRY  
MAHSA UNIVERSITY



Assoc.Prof .Dr.Kacharaju Kranthi Raja, a graduate from Manipal University in 2003 and a specialist in conservative dentistry and Endodontics is currently working as Deputy Dean of Research and Postgraduate studies at MAHSA University.

Dr. Kranthi has more than 10 years of clinical and Academic experience in the field of Endodontics. He is well known for his teaching and lecturing skills. He has lectured at International and national platforms including countries such as Malaysia, Vietnam, and India. He is regional Key opinion leader for various companies such as Dentsply Sirona, Micro Mega, Bio MTA, Redentnova.

Assoc.Prof.Kranthi has organized many conferences conducted various endodontic courses and workshops at the international and local level. He has been invited by IACDE, Hanoi Medical University, MDA, MPDPA, MAPD, MES, and other societies and organizations as a guest speaker, to conduct workshops.

He has got many publications to his credit and actively conducting research on endodontic instrumentation and bioceramic applications in Endodontics.

# COURSE OUTLINE

## LECTURE

### Lecture 1

Endodontic treatment has become the cornerstone of contemporary Dental Practice. Cleaning and shaping is the most crucial step and plays an important role in determining the success of the root canal therapy. This Lecture will cover on the principles of the glide path for safe instrumentation and focus on the rotary technique utilized to clinically improve safety, efficiency, and simplicity when shaping canals. Emphasis will be placed on creating minimally invasive shapes as anatomical as possible that promote 3-D disinfection and filling root canal systems. The concepts of retreatment will also be discussed and with a focus on retrieval of Gutta-percha.

### Lecture 2

Successful outcomes of root canal treatment, in addition to a multitude of factors, also depend on the prevention of reinfection of the root canal space. The ultimate goal of root canal treatment is prevention or healing of apical periodontitis. The use of biologically active materials to seal root canal systems has been extensively proposed in contemporary endodontics to achieve this goal. This lecture focuses on various applications of bioceramics in endodontics including complete obturation of canals, management of open apex, external and internal resorption and perforation repair. Clinical cases will be presented to understand the concepts of biocompatibility, antibacterial and regenerative properties of bioceramics. Clinical techniques will also be discussed to demonstrate the usage of bioceramic materials.

## WORKSHOP


### Workshop 1

The hands on will focus on Principles of rotary instrumentation using an advanced rotary files.. The participants will have an opportunity to do hands on glide path preparation, chemo mechanical Preparation with rotary instruments. Retreatment files will be used to remove Guttapercha from the canals obturated using Rotary files

### Workshop 2

Clinical techniques will be discussed to demonstrate the usage of bioceramic materials. The Hands on will focus on obturating the canal using MTA, and furcation perforation repair on molar tooth using MTA .

# TENTATIVE PROGRAMME



0900 - 0930

REGISTRATION

1400 - 1600

0930 - 1100

WORKSHOP 2

LECTURES 1 & 2

1600 - 1700

1100 - 1300

WORKSHOP 1

TEA TIME

1300 - 1400

LUNCH

1700 - 1800

DISCUSSION AND END