



**Department of Conservative Dentistry and Endodontics**  
**E-Learning Classes**  
**Post Graduate Students**

| S.No | Date       | Topic of presentation                        | Faculties                                                                   | No of students attended |
|------|------------|----------------------------------------------|-----------------------------------------------------------------------------|-------------------------|
| 1.   | 22/06/2020 | Seminar by<br>Dr.Kalaiarasi                  | Dr.K.Senthil Kumar<br>Dr.Sadasiva<br>Dr.Anupama<br>Dr.Manjiri               | 12                      |
| 2.   | 23/06/2020 | Journal discussion<br>by Dr.Yashini          | Dr.K.Senthil Kumar<br>Dr.Sadasiva<br>Dr.Anupama<br>Dr.Manjiri               | 12                      |
| 3.   | 24/06/2020 | Journal discussion<br>by Dr.Sankar           | Dr.K.Senthil Kumar<br>Dr.Sadasiva<br>Dr.Anupama<br>Dr.Manjiri               | 12                      |
|      |            | PG 3 <sup>rd</sup> year mock<br>viva session |                                                                             | 3                       |
| 4    | 25/06/2020 | Seminar by<br>Dr.Revathy                     | Dr.K.Senthil Kumar<br>Dr.Sadasiva<br>Dr.Anupama<br>Dr.Manjiri               | 12                      |
| 5    | 26/06/2020 | Seminar by<br>Dr.Revathy                     | Dr.K.Senthil Kumar<br>Dr.Sadasiva<br>Dr.Anupama<br>Dr.Manjiri               | 12                      |
| 6    | 27/06/2020 | Journal discussion<br>by Dr.Shwetha          | Dr.K.Senthil Kumar<br>Dr.Sadasiva<br>Dr.Anupama<br>Dr sreeram<br>Dr.Manjiri | 12                      |
|      |            | PG 3 <sup>rd</sup> year mock<br>viva session |                                                                             | 3                       |

**DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS**

**ATTENDANCE REPORT**

**Date: 22.6.2020**

**POST GRADUATE SEMINAR PRESENTATION**

**Presented by : M.Kalaiarasi**

**Staff:**

**Dr. K. Senthil kumar**

**Dr. Sadasiva**

**Dr. Anupama**

**Dr. Sreeram**

**Dr. Manjiri honap**

**Timings: 3-4 pm**

**PG DISCUSSION MEETING**

**Dr. Kalaiarasi is inviting you to a scheduled Zoom meeting.**

**Topic: Post endodontic restoration**

**Time: Jun 22, 2020 3:00 PM Pacific Time (US and Canada)**

**Join Zoom Meeting**

**<https://us04web.zoom.us/j/78542265599?pwd=NWRXOWRNa1B6NGFVTGdiZ05QYi9vQT09>**

**Meeting ID: 785 4226 5599**

**Password: 5x4XCj**



## INDICATIONS FOR POSTS

### • ANTERIOURS:

- Anterior teeth require a post most often for the retention of core when a crown is indicated due to predominant shear forces

### • CRITERIA:

- Loss of more than 50% of intact tooth structure
- When the amount of core is greater than the remaining clinical crown after completion of tooth preparation
- Maxillary lateral & mandibular incisors require a post more often in eccentric occlusal relations.



## POST

"It is a relatively rigid restorative material placed in the root of non vital teeth for retention of the core and to transmit the forces on the core to the root. (Cohen)



Jio LTE3:09 PM26%

Close

Participants (10)

YI

Yashini's iPhone (me)

Kalaiarasi Murugesan (Host)

Anupama R

Dr Sreeram SR

HK

Harini Karunakaran

rameez taj

R

Ramya Vengi

SI

Sangita Ilango

sankar vishwanath

REC

Shwetha Ramachandran

Invite

Jio LTE3:22 PM45%

Close

Participants (12)

YI

Yashini's iPhone (me)

Kalaiarasi Murugesan (Host)

Anupama R

Dr Sreeram SR

HK

Harini Karunakaran

praveenragavan20

rameez taj

R

Ramya Vengi

Sadasiva Kadandale

SI

Sangita Ilango

Invite



Department of Conservative Dentistry & Endodontics  
Attendance Report

Date: 23/06/2020  
Post Graduate – Journal Discussion

Staff members:

- 1) Dr. K. Senthil Kumar
- 2) Dr. Sadasiva K.
- 3) Dr. Anupama R
- 4) Dr. Manu Unnikrishnan
- 5) Dr. Manjiri Honap
- 6) Dr. Sreeram

Timings: 12.45 – 1.30 pm

PG Journal Discussion

Meeting Time: June 23, 2020 12.45 pm

Zoom Meeting

sankar vishwanath is inviting you to a scheduled Zoom meeting.

Topic: Dr. Yashini journal discusion

Time: Jun 23, 2020 12:45 PM India

Join Zoom Meeting

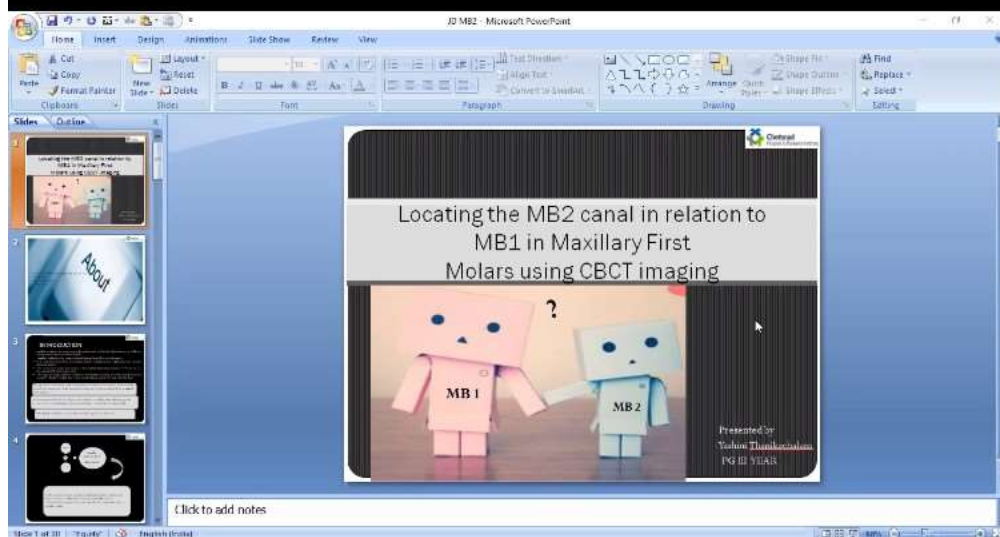
<https://us04web.zoom.us/j/78054781748?pwd=LzJxK1krd09ZeXdsQjRaTDJyODRMZz09>

Meeting ID: 780 5478 1748

Password: 12345

No of members participated: 17

REC



Yashini Thanikachalam's screen

Chettinad  
Medical Research Institute

Locating the MB2 canal in relation to  
MB1 in Maxillary First  
Molars using CBCT imaging



Presented by  
-Yashini Thanikachalam  
PG III YEAR

12:49

VoLTE LTE1 73%

Close

## Participants (17)

Search

-  **RP** Revathy Parthasarathy (me) 
-  **YT** Yashini Thanikachalam (host) 
-  **Y** Yashini's iPhone 
-  **A** Anupama R 
-  **D** Deepti 
-  **HK** Harini Karunakaran 
-  **M** Manjiri Honap 
-  **MU** Manu Unnikrishnan 
-  **P** praveenragavan 
-  **R** rameez taj 
-  **R** Ramya Vengi 
-  **S** Sadasiva Kadandale 

Invite



12:49

VoLTE 73%

Close

## Participants (17)

- D

Deepti

 >
- HK

Harini Karunakaran

 >
- M

Manjiri Honap

 >
- MU

Manu Unnikrishnan

 >
- 

praveenragavan

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rameez taj

 >
- R

Ramya Vengi

 >
- 

Sadasiva Kadandale

 >
- SI

Sangita Ilango

 >
- 

sankar vishwanath

 >
- 

Senthil Kumar Kumarappan

 >
- 

Shwetha Ramachandran

 >
- S

Srividhya Srinivasan

 >

Invite













# Department of Conservative Dentistry & Endodontics

## Attendance Report

Date: 24.06.2020

Post Graduate – Journal discussion

Faculties:

Dr. K. Senthil Kumar

Dr. Sadasiva K.

Dr. Anupama R.

Dr. Manu Unnikrishnan

Dr. sreeram

Dr. Manjiri Honap

Timings: 12.50 – 1.30PM

PG Journal discussion

Meeting Date&Time: June 24, 2020

Zoom Meeting link

<https://us04web.zoom.us/j/75027953410?pwd=eW5FT3pXQ3l4cVhEVmFxVjVyVXJzUT09>

Meeting ID: 750 2795 3410

Password: 12345

No of students participated: 12

You are viewing Kalarasi Murugesan's screen

View Options

Speaker View

Exit Full Screen



Effects of the Consumption of Probiotic Yogurt Containing *Bifidobacterium lactis* Bb12 on the Levels of *Streptococcus mutans* and Lactobacilli in Saliva of Students with Initial Stages of Dental Caries: A Double-Blind Randomized Controlled Trial

SANKAR AVG  
Postgraduate 2<sup>nd</sup>  
year



Kalarasi Murugesan



sankar vishwanath



Ramya Vengide



Anupama R



Srividhya Srinivas



Manu Unnikrishnan



praveen



Yashini Thanikaivelanu



Shwetha Ramakrishna



rameez taj



Senthil Kumar Kuthiravali



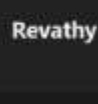
Deepti



Harini Karunakumaran



Sangita



Revathy



Sadasiva Kandan

Mute

Start Video

Participants 16

Chat

Share Screen

Record

Reactions

Leave

Commercially Available products

Concentrate added to Beverages – fruit juices

Inoculated into prebiotic fibres

Inoculated into milk and milk based foods –milk drinks, milkshakes, cheese, yoghurt, ice cream

Lyophilized, dried cells – tablets, chewing gums

Probiotic Chocolate Ice Cream

Dental caries by Vimal K Sikri, first edition

You are viewing Kalarasi Murugesan's screen

View Options

Speaker View

Exit Full Screen

Kalarasi Murugesan

sankar vishwanath

Ramya Vengide

Anupama R

Srividhya Sriniv

Manu Unnikrish...

praveen

Yashini Thanika...

Shwetha Ramia...

ameeb2 taj

Senthil Kumar Kum...

Deepti

Harini Karunaka...

Sangita

Revathy

Sadasiva Kadan...

Mute

Start Video

Participants

Chat

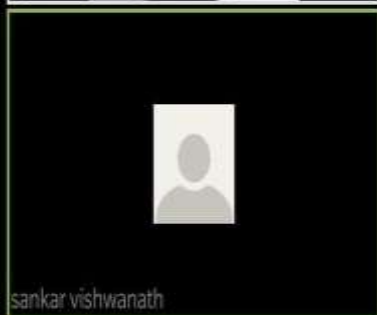
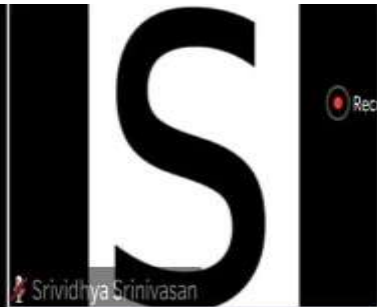
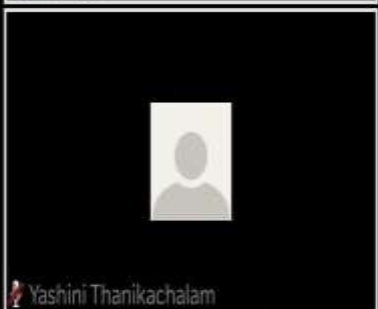
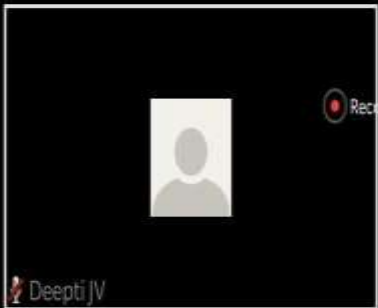
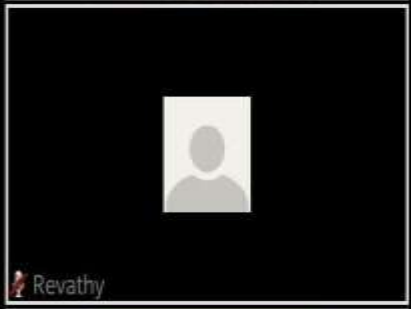
Share Screen

Record

Reactions

Leave

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DEPARTMENT OF CONSERVATIVE DENTISTRY &  
ENDODONTICS

Attendance report

date :25.06.2020

Post graduate Seminar presentation

Staffs:

Dr. Senthil Kumar. K

Dr. Sadasiva. K

Dr. Anupama. R

Dr. Manu Unnikrishnan

Dr. Manjiri Honap

Revathy Parthasarathy is inviting you to a scheduled Zoom meeting.

Topic: MANAGEMENT OF CROWN-ROOT FRACTURE

Time: Jun 25, 2020 12:45 PM India

Join Zoom Meeting

<https://us04web.zoom.us/j/78997027593?pwd=VDMwZDVhUTV2WlcrdlFwOGkxUTNCQT09>

Meeting ID: 789 9702 7593

Password: 6AFst3

No. of participants: 16



## MANAGEMENT OF CROWN- ROOT FRACTURE

Dr. Revathy Parthasarathy  
FRCR, FRCR, FRCR, FRCR, FRCR, FRCR



Revathy Parthasarathy's screen



### Introduction

- Systematic epidemiologic data suggest that facial trauma is a common occurrence, resulting in injuries to the dentition in 57.8% of household and play accidents, 50.5% of sports accidents.
- These injuries occur most commonly in children 7 to 10 years of age.
- A crown-root fracture is defined by the fracture crossing enamel, dentine and cementum into the periodontal ligament. (Flores MT, Andersson L, Andreasen JO *Dent Traumatol* 2007)

12:50

VAFTE1

CloseParticipants (16)

Q Search



Shwetha Ramachandran (me)



>



Revathy Parthasarathy (host)



>



Anupama R



>

DJ

Deepti JV



>

HK

Harini Karunakaran



>



Kalaiaarasi Murugesan



>

M

Manjiri Honap



>



Manu Unnikrishnan



>



praveenragavan



>

RT

rameez taj



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R

Ramya Vengi



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Sadasiva Kadandale



>





>

Invite

1:15

VAFTE1

CloseParticipants (16)

DJ

Deepti JV



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HK

Harini Karunakaran



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Kalaiaarasi Murugesan



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M

Manjiri Honap



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Manu Unnikrishnan



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praveenragavan



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rameez taj



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R

Ramya Vengi



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Sadasiva Kadandale



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SI

Sangita Ilango



>



Senthil Kumar Kumarappan



>

S

Srividhya Srinivasan



>

Y

Yashini's iPhone



>

Invite

DEPARTMENT OF CONSERVATIVE DENTISTRY &  
ENDODONTICS

Attendance report

date :26.06.2020

Post graduate Seminar presentation

Staffs:

Dr. Senthil Kumar. K

Dr. Sadasiva. K

Dr. Anupama. R

Dr. Manu Unnikrishnan

Dr. Manjiri Honap

Revathy Parthasarathy is inviting you to a scheduled Zoom meeting.

Topic: MANAGEMENT OF CROWN-ROOT FRACTURE(contd..)

Time: Jun 26, 2020 12:45 PM India

Join Zoom Meeting

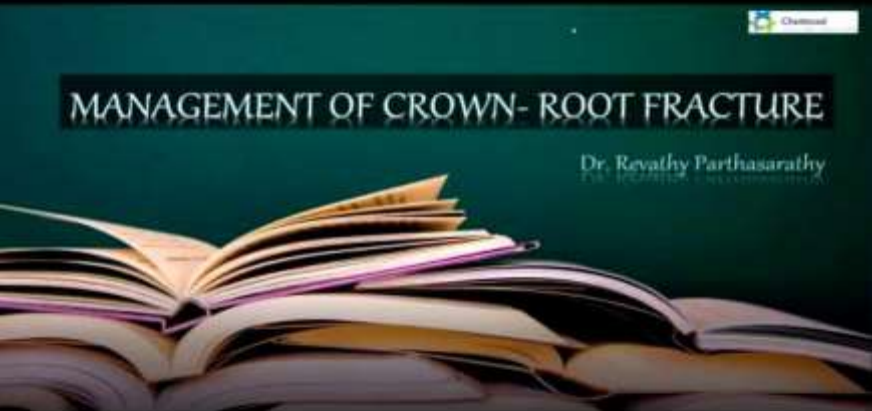
<https://us04web.zoom.us/j/76881786624?pwd=SGxuVlRIZENQcVFhNkNpL2pMNW5iZz09>

Meeting ID: 768 8178 6624

Password: 7e7hxe

No. of participants: 17

12:47 78%



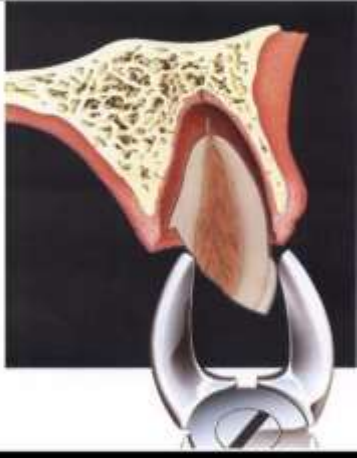
# MANAGEMENT OF CROWN- ROOT FRACTURE

Dr. Revathy Parthasarathy

Revathy Parthasarathy's screen

REMOVAL OF THE CORONAL FRAGMENT AND SURGICAL EXTRUSION OF THE ROOT

- **Treatment principle.** To surgically move the fracture to a supragingival position.
- **Indication.** Should only be used where the root portion is long enough to accommodate a post-retained crown.
- **Treatment.** As soon after injury as possible, the coronal fragment is removed. The apical fragment is luxated with an elevator and removed with forceps.



Revathy Parthasarathy's screen

You are viewing Revathy Parthasarathy's screen View Options

CROWN ROOT FRACTURE - PowerPoint

File Home Insert Design Transitions Animations Slide Show Review View Help Tell me what you want to do

Clipboard: Cut, Copy, Paste, Format Painter

Slides: New Slide, Section, Layout, Reset

Font: B, I, U, S, abc, Aa, A, A, A

Paragraph: Text Direction, Align Text, Convert to SmartArt

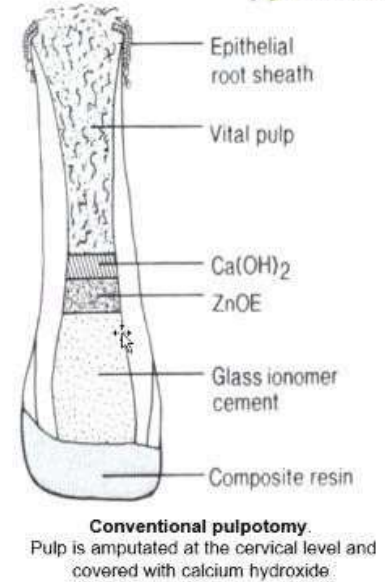
Drawing: Arrange, Quick Styles, Shape Fill, Shape Outline, Shape Effects

Editing: Find, Replace, Select

28 \*  
29 \*  
30 \*  
31 \*  
32 \*  
33 \*  
34 \*

### CROWN-ROOT FRACTURES WITH MILD PULP EXPOSURE

- Vital pulp therapy, previously called *apexogenesis*, is defined as treatment of a vital pulp in an immature tooth to permit continued dentin formation and apical closure.
- indicated for an immature tooth with incomplete root formation.
- Either pulp capping, shallow pulpotomy, or conventional pulpotomy is indicated in anterior tooth involving exposure of the pulp and an open apex.
- Conventional pulpotomy is difficult to perform in an immature incisor, which has a large.



**Conventional pulpotomy.**  
Pulp is amputated at the cervical level and covered with calcium hydroxide.

Principles and practice of endodontics / Richard E. Walton, Mahmoud Torabinejad. 3rd ed. 2002

Mute Start Video

Participants 17 Chat Share Screen Record

Leave

**Participants (17)**

Find a participant

- sankar vishwanath (Me)
- Revathy Parthasarathy (Host)
- Senthil Kumar Kumarappan
- Srividhya Srinivasan
- Anupama R
- Deepti JV
- Harini Karunakaran
- Kalaiarasi Murugesan
- Manjiri Honap
- Manu Unnikrishnan
- praveenragavan20@gmail.com
- rameez taj
- Ramya Vengi
- Sadasiva Kadandale
- Sangita Ilango
- Shwetha Ramachandran

Invite Mute Me Raise Hand

13:15  
26-06-2020

- sankar vishwanath (Me)
- Revathy Parthasarathy (Host)
- Anupama R
- Deepti JV
- Harini Karunakaran
- Kalaiarasi Murugesan
- Manjiri Honap
- Manu Unnikrishnan
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- Ramya Vengi
- Sadasiva Kadandale
- Sangita Ilango
- Senthil Kumar Kumarappan
- Shwetha Ramachandran
- Srividhya Srinivasan
- Yashini's iPhone

Invite Mute Me Raise Hand

Leave

# Department of Conservative Dentistry & Endodontics

## Attendance Report

Date: 27.06.2020

Post Graduate – Journal discussion

Faculties:

Dr. K. Senthil Kumar

Dr. Sadasiva K.

Dr. Anupama R.

Dr. Manu Unnikrishnan

Dr. sreeram

Dr. Manjiri Honap

Timings: 12.50 – 1.30PM

PG Journal discussion

Meeting Date&Time: June 27, 2020

Zoom Meeting link

<https://us04web.zoom.us/j/75674568989?pwd=VHV4dFVhNVN3OFE2Qms5NDE0emZPQT09>

Meeting ID: 756 7456 8989

Password: 5DgR0

No of students participated: 12

Recording...

You are viewing Shwetha Ramachandran's screen

View Options

Speaker View

Exit Full Screen

Shwetha Ramacha...

sankar Vishwan...

Mangiri Honap

Ramiya Vengide...

Manu Unnikrish...

Senthil Kumar K...

S

Srividhya Sriniv...

Kalalasad Muru...

Harini Karunaka...

Revathy Parthas...

praveenragavan

rameez taj

Yashini's iPhone

Sangita Ilango

Sadasiva Kadin...

Dr Steeram S.R.

Deepti JV

During mechanically advancing a pathfinding instrument into the canal up to working length, the file is largely subjected to stress as a consequence of two factors namely **cyclic fatigue** and **torsional stress** (taper lock phenomenon).

[Sattapan B, Nervo GJ, Palamara JE, Messer HH. Defects in rotary nickel-titanium files after clinical use. J Endod 2000; 26: 161-3.]

• Cyclic fatigue appears to be less important than torsional stress on the incidence of instrument separation as the pathfinding instruments are generally extremely flexible because of the low taper and small tip size.

[West J. Endodontic update 2006. J Esthet Restor Dent 2006; 18:280-300.]

Unmute

Start Video

Participants

17

Chat

Share Screen

Pause/Stop Recording

Reactions

Leave

You are viewing Shwetha Ramachandran's screen

View Options

Zoom Meeting 40-Minutes

Unmute Start Video Participants Chat Share Screen Pause/Stop Recording Reactions Leave

Recording... Speaker View

In the present study, the tested pathfinding files exerted a significant impact on the frequency of teeth with all root canals classified as RFWL, whereas either tooth (maxillary/mandibular) or canal (MB, DB, ML, palatal, or distal) types had no influence on the performance of the instruments.

ProGlider appeared as the most effective pathfinding instrument, producing the highest frequency of canals classified as RFWL (86.67%).

This outcome may be the result of its file's design, which has a tip size (ISO #16) and a progressive taper (0.02–0.08) compared with the other tested systems.

This design has been found to achieve a greater preflaring of the coronal and middle portions of the root canal; this, in turn, can render the advance of the instrument toward the apex easier.

Shwetha Ramach...

Sankar Vishwa...

Senthil Kumar...

Harini Karunaka...

Revathy Parthas...

Rameez Taj

Participants (17)

Find a participant

sankar vishwanath (Me)

Shwetha Ramachandran (Host)

Deepti JV

Dr Sreeram S.R

Harini Karunakaran

Kalaivarsi Murugesan

Manjiri Honap

Manu Unnikrishnan

praveenragavan

rameez taj

Ramya Vengidesh

Revathy Parthasarathy

Sardasiva Kadandale

Sangita Ilango

Senthil Kumar Kumarappan

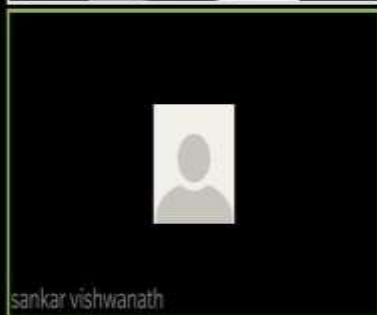
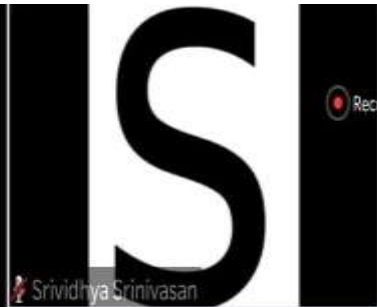
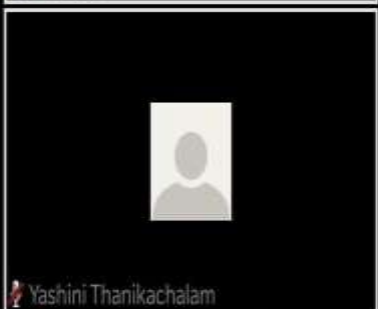
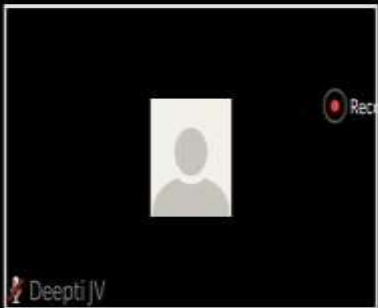
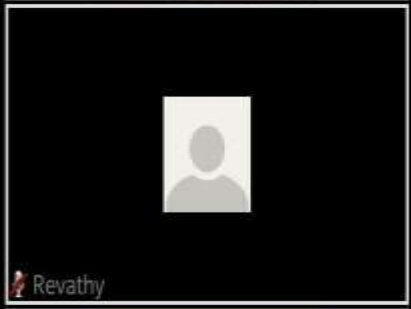
Srividhya Srinivasan

Invite Unmute Me Raise Hand

Type here to search

13:37

26-06-2020



# Department of Conservative Dentistry & Endodontics

## Attendance Report

Date: 27.06.2020

Post Graduate 3rd year – mock viva session

Faculties:

Dr. K. SenthilKumar

Dr. Sadasiva K.

Dr. Anupama R.

Dr. sreeram

Dr. Manjiri Honap

No of Post graduates attended: 3

Timings: 2.45PM – 3.45PM

PG 3yr mock viva session

Meeting Date&Time: June27, 2020

Zoom Meeting link

[https://us04web.zoom.us/j/3225943888?pwd=y\\_BFHILDzEywFcjDGTYEzw3yq\\_RA-qo](https://us04web.zoom.us/j/3225943888?pwd=y_BFHILDzEywFcjDGTYEzw3yq_RA-qo)

Meeting ID: 322 594 3888

Password: welcome