

DEPARTMENT OF PEDODONTICS AND PREVENTIVE DENTISTRY

SCHEDULE FOR INTERNS (27.4.2020-2.5.2020)

S. NO	DATE	TO PIC	FACULTY	NO.OF STUDENTS PARTICIPATED
1	27.4.2020	Stainless steel Crown	Dr Devi Chandrika	Haritha Aswini Sruthi Pavithra
2	28.4.2020	Topical Flourides	Dr Daya Srinivasan	Haritha Aswini Sruthi Pavithra
3.	29.4.2020	Pit and fissure Sealants	Dr Senthil Eagappan AR	Haritha Aswini Sruthi Pavithra
4.	30.4.2020	Sapce Maintainer	Dr Divya Natarajan	Haritha Aswini Sruthi Pavithra
5.	1.5.2020	Declared Holiday		

6.	2.5.2020	Chair side Behaviour Management technique	Dr Devi Chandrika	Haritha Aswini Sruthi Pavithra Rinshi
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27.4.2020

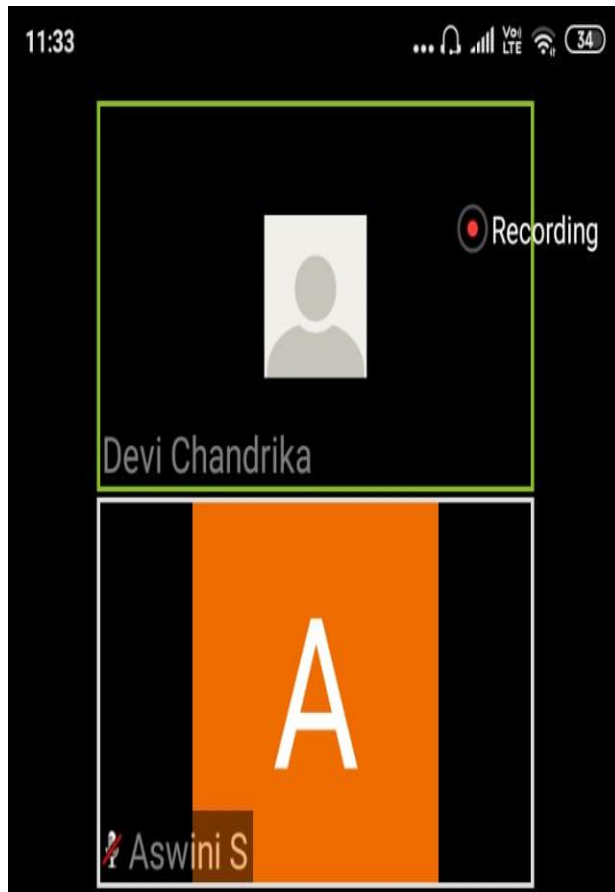
Devi Chandrika is inviting you to a scheduled Zoom meeting.

Topic: Stainless steel crown, final year E-clinics

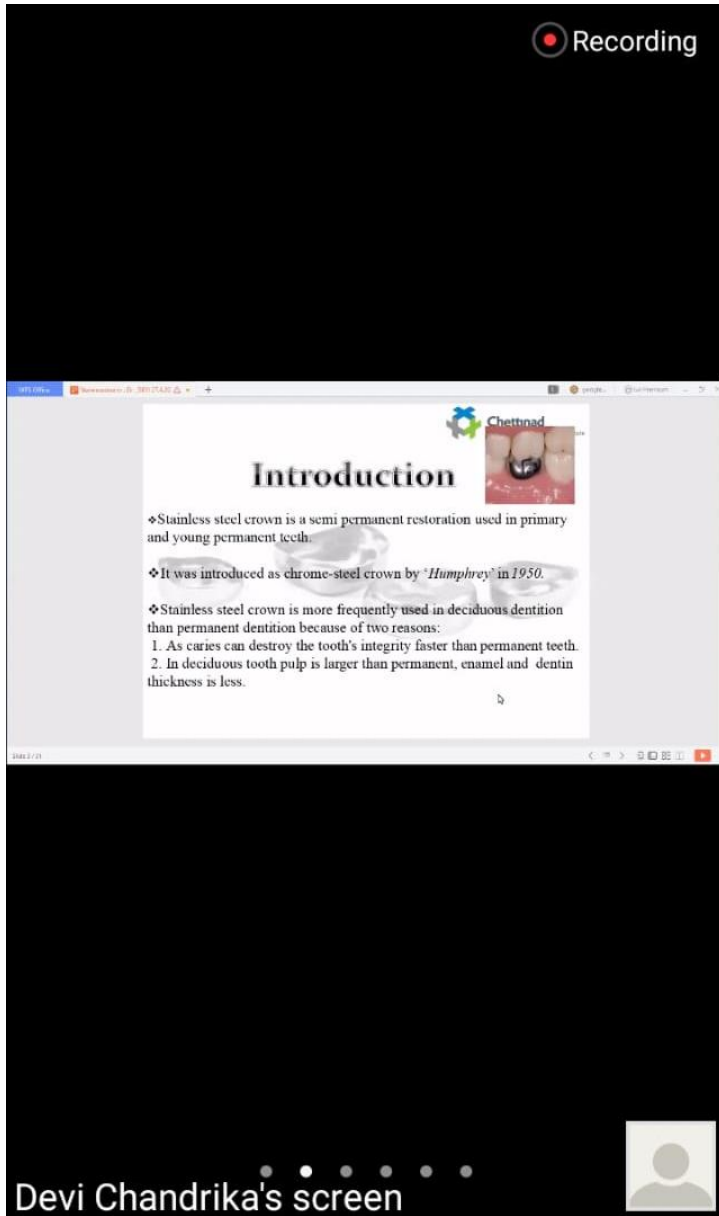
Time: Apr 27, 2020 11:30 AM Mumbai, Kolkata, New Delhi

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<https://us04web.zoom.us/j/78331066177?pwd=dWdTcHlkQ1YrVEVLa3FleVlEQmNCZz09>



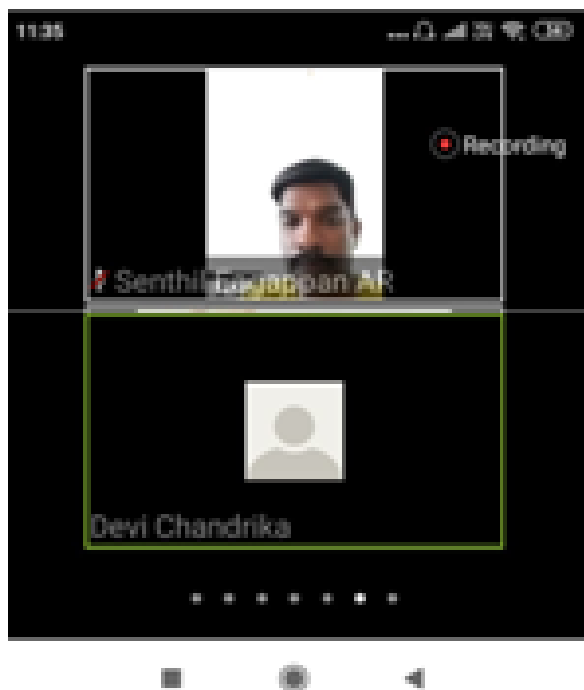
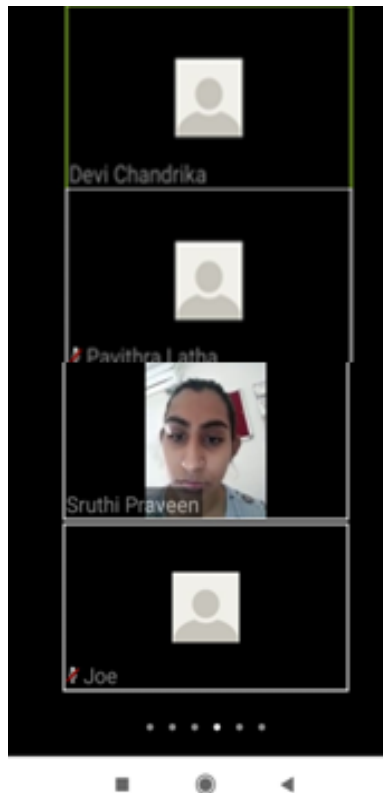
Recording















Introduction

- ❖ Stainless steel crown is a semi permanent restoration used in primary and young permanent teeth.
- ❖ It was introduced as chrome-steel crown by 'Humphrey' in 1950.
- ❖ Stainless steel crown is more frequently used in deciduous dentition than permanent dentition because of two reasons:
 1. As caries can destroy the tooth's integrity faster than permanent teeth.
 2. In deciduous tooth pulp is larger than permanent, enamel and dentin thickness is less.

Devi Chandrika's screen

































	Daya Srinivasan (me)		>
	Devi Chandrika (host)		>
	Joe		>
	Aswini S		>
	Divya N		>
	Haritha RK		>



Search

- | | | |
|---|--------------------------|---|
| SE | Senthil Eagappan AR (me) |   > |
| DC | Devi Chandrika (host) |   > |
| J | Joe |   > |
| A | Aswini S |   > |
| D | Daya Srinivasan |   > |
|  | Divya N |   > |
| HR | Haritha RK |   > |

A	Aswini S	  >
D	Daya Srinivasan	  >
	Divya N	  >
HR	Haritha RK	  >
PL	Pavithra Latha	  >
SP	Sruthi Praveen	  >
<div>Invite</div>		
<div> □ <</div>		

28.4.2020

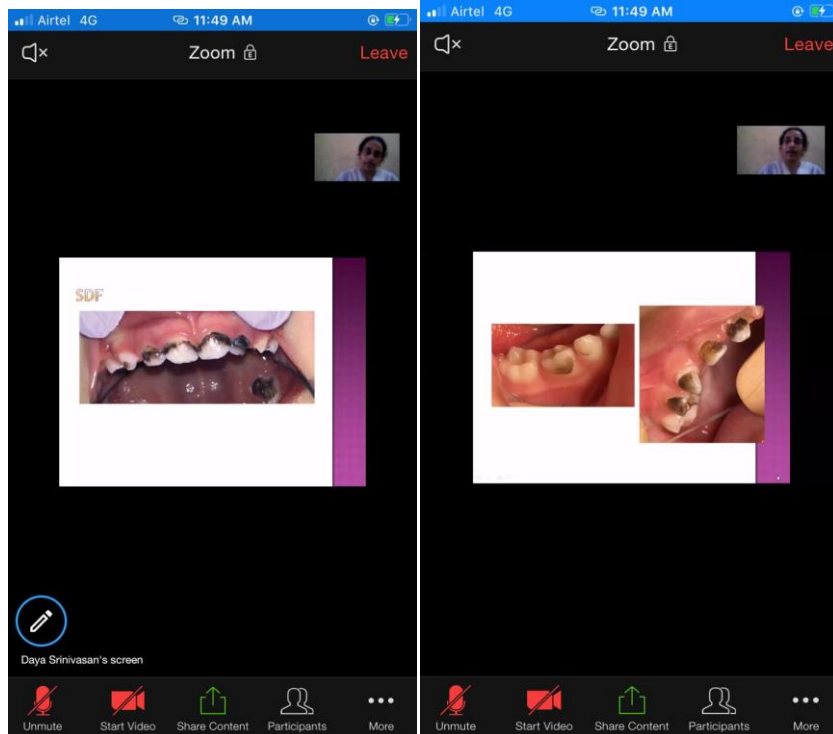
Daya Srinivasan is inviting you to a scheduled Zoom meeting.

Topic: Daya Srinivasan's Zoom Meeting

Time: Apr 28, 2020 11:30 AM India
















Join Zoom Meeting
















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	Daya Srinivasan	 
	Senthil Eagappan AR	 
	Devi Chandrika	 
	Sruthi Praveen	 
Invite		
  		

	ASWINI S	 
	Daya Srinivasan	 
	Divya N	 
	Haritha RK	 
	Pavithra Latha	 



Email address *

sashwini1998@gmail.com

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✓ Give 2 indications for Topical fluorides *

2 / 2

White spot lesions
Before orthodontic band placement

Add individual feedback

✓ What is chocking off effect. It is seen with which topical Flouride. *

2 / 2

It is seen with sodium fluoride. When NaF is applied CaF is formed which prevents further penetration of fluoride called choking off effect.

Add individual feedback

✓ what is the mechanism of action of APF *

2 / 2

APF reacts with hydroxy apatite crystals and results in dehydration and shrinkage of the crystals allowing penetration of fluoride ions. dicalcium phosphate dihydrate is a Intermediate product which is highly reactive with fluoride ions.

Add individual feedback

✓ what topical Flouride is advocated for school programmes *

1 / 1

Sodium fluoride

Individual feedback

NaF mouth rinse programme





Untitled form

Department of Pediatric & Preventive Dentistry
Topical Fluorides

* Required

Email address *

harithaknn@gmail.com

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✓ Give 2 indications for Topical fluorides *

2 / 2

Caries active children
Reduced salivary flow

Add individual feedback

✓ What is chocking off effect. It is seen with which topical Flouride. *

2 / 2

2% NaF + HAP = Calcium fluoride, it causes choking effects by interfering further diffusion of fluoride from NaF sol



Add individual feedback

✓ what is the mechanism of action of APF *

2 / 2

APF+ HAP = Dicalcium phosphate dehydrate which is highly reactive with fluoride ion. Fluoroapatite is formed.

Add individual feedback

✗ what topical Flouride is advocated for school programmes *

0 / 1

SnF2



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Email address *

pavithrabds25@gmail.com

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✓ what is the percentage available in SDF *

1 / 1

38%



Add individual feedback

✓ What are the mechanism of action of Flourides *

2 / 2

Increase enamel resistance or reduction in enamel solubility.

Email address *

sruthipraveen13@gmail.com

https://docs.google.com/forms/d/1szCAvHth9O4lqdcVZ4WO6M95jklPwS93xsJpr4NHcyY/edit#response=ACYDBNi0IN0qVpB7jtkUkwCJioSvxxUcB... 1/3



✓ what is the mechanism of action of APF *

2 / 2

It shrinks hydroxyapatite crystals and forms dicalcium phosphate dihydrate and the fluoride penetrates through these crystals and forms fluorapatite

Add individual feedback

✗ what topical Flouride is advocated for school programmes *

0 / 1

APF

Individual feedback



Naf mouth rinse 0.05%

29.4.2020

Senthil Eagappan AR is inviting you to a scheduled Zoom meeting.




Topic: Final year E-Clinics discussion




Time: Apr 29, 2020 11:30 AM Mumbai, Kolkata, New Delhi


Join Zoom Meeting

<https://us04web.zoom.us/j/8428563609?pwd=M2RpMEVFTWRmRlFvN3RkRThybXFkZz09>



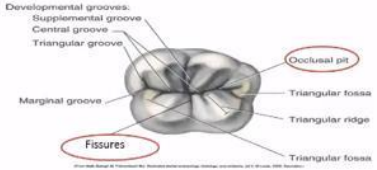
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PIT: Small pin point depression located at the junction of developmental grooves.

FISSURE: Deep clefts between adjoining cusps.



     **1**

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Aswini S





Daya Srinivasan





Divya N





Haritha RK





Devi Chandrika (me)





Senthil Eagappan AR (host)





Aswini S





Daya Srinivasan





Divya N





Haritha RK



Google questionnaire:

<https://docs.google.com/forms/d/e/1FAIpQLSc50eZ9NVrGHkJk2Gz3kN2h1U0Wsfz9WWAqIxyh6DBXGhshw/viewform>

Who proposes acid etching

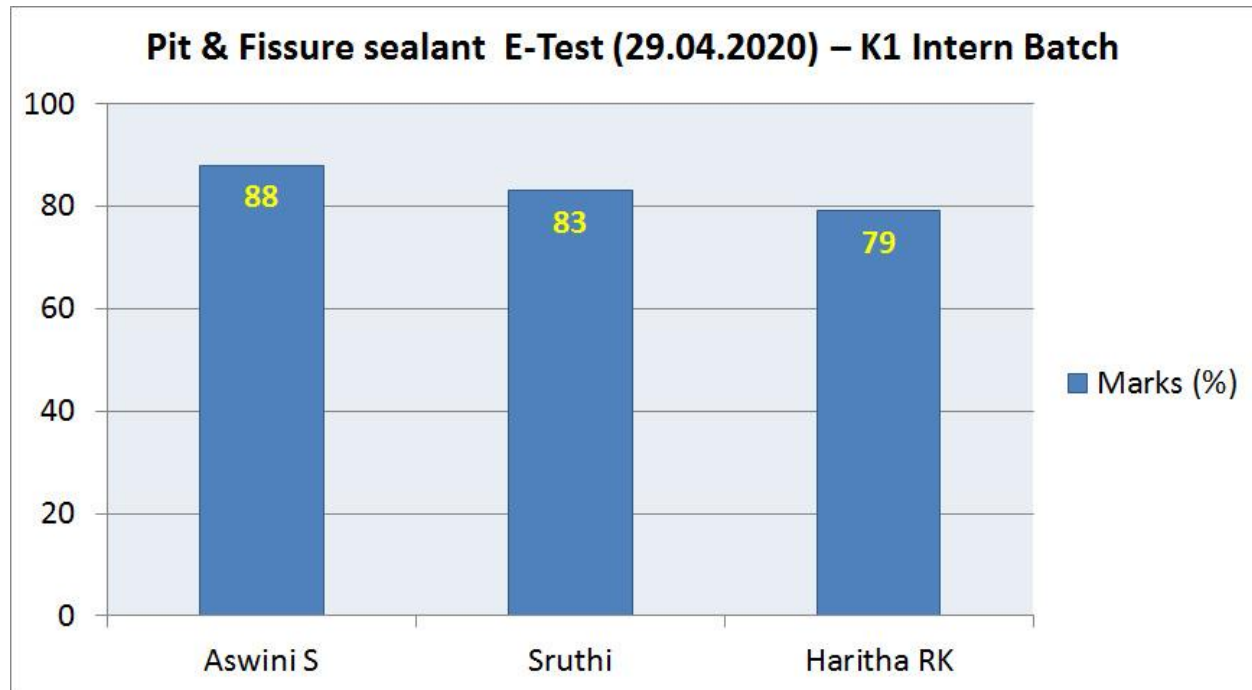
Buonocore

Steps in clinical application of pit and fissure sealants

Clean with Pumice - oral prophylaxis-
use sharp explorer to clean the
debris-enameloplasty-dry and isolate - acid
etching with 37% orthophosphoric acid for
60 s in primary tooth(20-30 s in permanent
teeth) - bonding agent (optional) - sealant
application-light cure- with articulating paper
check high points -finishing - polishing.

Recent advances in pit and fissure sealant

Fluoride releasing sealants , clear
sealants,coloured sealants, wetbond sealant



30.4.2020

Divya N is inviting you to a scheduled Zoom meeting.

Topic: Space Maintainers E-Clinic

Time: Apr 30, 2020 11:30 AM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

<https://us04web.zoom.us/j/75842422182>









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CLASSIFICATION

According to Hitchcock:

- Removable or fixed or semifixed
- With bands or without bands
- Functional or nonfunctional
- Active or passive
- Certain combinations of the above

According to Raymond C. Thurow:

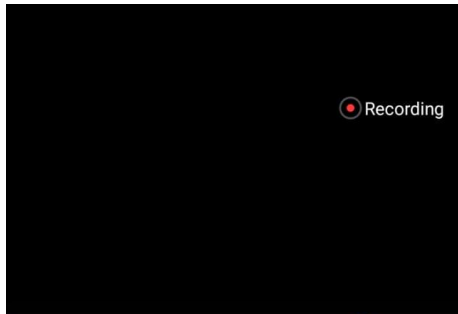
- Removable
- Complete arch – lingual arch and extraoral anchorage
- Individual tooth

According to Hinrichsen:

- Fixed space maintainers
 - i. Class I
 - a. Nonfunctional types – bar type, loop type
 - b. Functional types – pontic type, lingual arch type
 - ii. Class II
 - a. Cantilever type (distal shoe, band and loop)
 - Removable space maintainers
 - Acrylic partial dentures

According to the anchorage and support available, space maintainers can be classified as:

- i. Semifixed type space maintainer
 - Crown-distal-shoe space maintainer
 - Crown-loop space maintainer
 - Band-loop space maintainer
- ii. Fixed type space maintainer
 - Lingual-holding arch space maintainer
 - Nance's holding arch
- iii. Acrylic partial denture
 - Acrylic partial denture
 - Complete denture

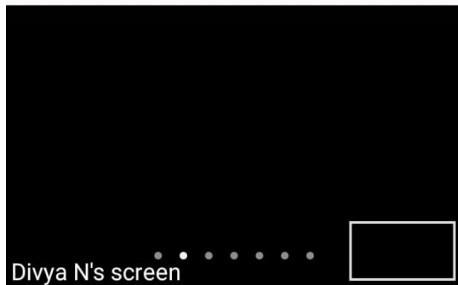


DEFINITION OF SPACE MAINTAINER

"devices used to maintain space following the loss of deciduous tooth so as to guide the unerupted tooth into proper position in the arch"

"fixed or removable appliance designed to preserve the space created by the premature loss of a primary tooth or a group of teeth" - Boucher

Appliance designed to retain a given area or space in the primary or mixed dentition" - J.C.Brauer





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Daya Srinivasan



Haritha RK



Joe



Kadambari Ramaswamy



Pavithra Latha



Sruthi Praveen



Chats

invite



















Participants (7)		
DC	Devi Chandrika (me)	  >
	Divya N (host)	  >
	Senthil Eagappan AR	  >
A	Aswini S	  >
D	Daya Srinivasan	  >
HR	Haritha RK	  >
J	Joe	  >



Fig 1. Nonrestorable second primary molar



Fig 4. Spot welding the female attachment to the stainless steel crown



Fig 7. Inserting the male attachment

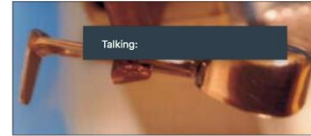


Fig 10. Welding the legs of the appliance immobile

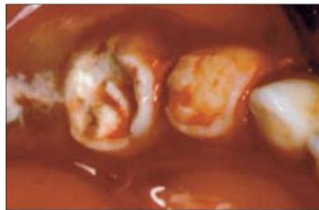


Fig 2. First primary molar prepared for a stainless steel crown



Fig 5. Cutting the legs of the male attachment



Fig 8. Extending the male attachment to the most distal aspect of the extraction side

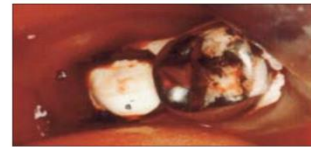


Fig 11. Cementing the appliance in place



Fig 3. Stainless steel crown on the first primary molar



Fig 6. Smoothing the cut legs of the male attachment

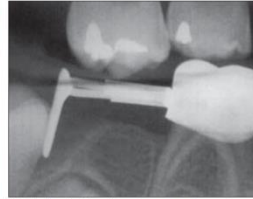


Fig 9. Radiograph of the appliance prior to cementation to verify position

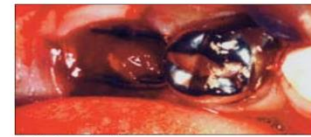
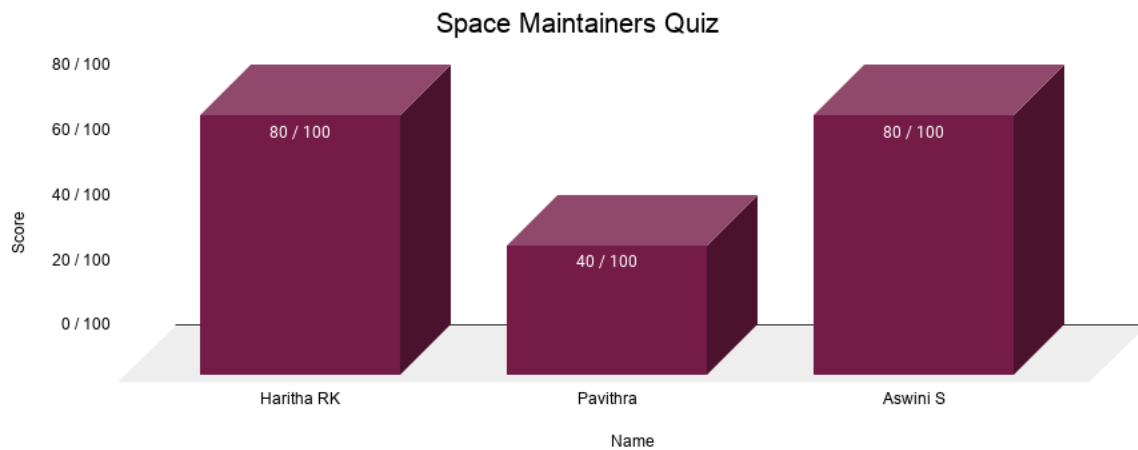
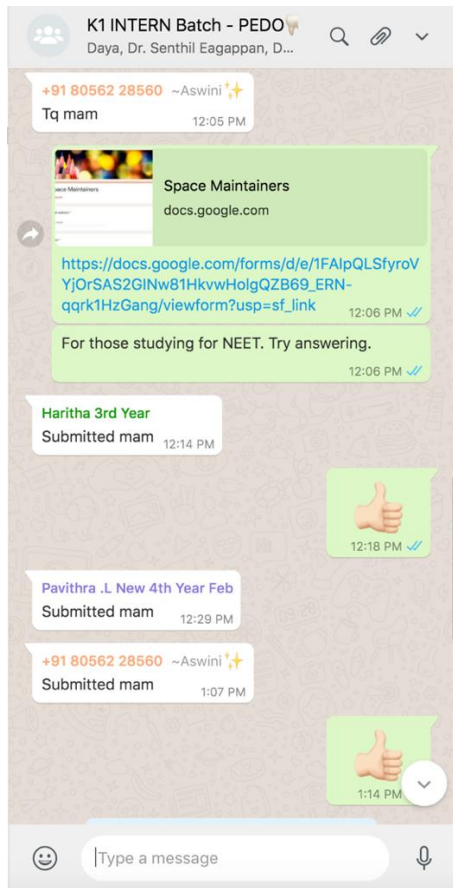


Fig 12. Cemented appliance



Fig 13. First permanent molar guided into position



2.5.2020

Devi Chandrika is inviting you to a scheduled Zoom meeting.


Topic: Final year E-clinics

Time: May 2, 2020 12:30 PM Mumbai, Kolkata, New Delhi


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Reco


Devi Chandrika




 Rinshi Fasal



















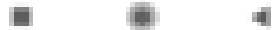
Senthil Eagappan AR
















 Aswini S



RF	Rinshi Fasal	  >
S	Sruthi Praveen	  >
D	Daya Srinivasan (me)	  >
DC	Devi Chandrika (host)	   >
A	Aswini S	  >
	Haritha RK	  >
J	Joe	  >
Chats		Invite



D	Daya Srinivasan (me)	  >
DC	Devi Chandrika (host)	   >
	Senthil Eagappan AR	  >
A	Aswini S	  >
	Divya N	  >

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FACTORS INFLUENCING CHILD'S BEHAVIOR:-

1-FACTOR INVOLVING THE CHILD:-

- A. Growth and development
- B. Past dental experience
- C. Social and adaptive skill
- D. Position of child in the family

2- FACTORS INVOLVING THE PARENTS:-

- A. Family influence
- B. Parent-child relationship
- C. Maternal anxiety
- D. Attitude of parents to dentistry

Devi Chandrika's screen

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