

**DEPARTMENT OF PEDODONTICS & PREVENTIVE DENTISTRY**

**Third Year BDS  
Summary Report**

**E-Class**

S.NO	DATE	LECTURE TOPIC	FACULTY	NO.OF STUDENTS PARTICIPATED
1.	10.04.20	JEAN PIAGET'S COGNITIVE THEORY	DR.DEVI, DR.DIVYA, DR.DAYA, DR.SENTHIL	87

**E-Clinics**

S.NO	DATE	CLINICAL DISCUSSION TOPIC	FACULTY	NO.OF STUDENTS PARTICIPATED
<b>E1 BATCH</b>				
1.	06.04.20	PULPECTOMY	DR.DAYA, DR.SENTHIL, DR.DEVI, DR.DIVYA	6
2.	07.04.20	CHAIR SIDE BEHAVIOUR MANAGEMENT TECHNIQUE	DR.DIVYA, DR.DEVI, DR.DAYA, DR.SENTHIL	8
3.	08.04.20	CLASS II CAVITY PREPARATION IN PRIMARY TEETH	DR.DEVI, DR.SENTHIL, DR.DAYA, DR.DIVYA,	8
4.	09.04.20	SEALANTS	DR.DAYA, DR.SENTHIL, DR.DIVYA, DR.DEVI	8
5.	10.04.20	TOPICAL FLUORIDE APPLICATION	DR.SENTHIL, DR.DAYA, DR.DIVYA, DR.DEVI	
<b>D2 BATCH</b>				
6.	11.04.20	CASE HISTORY & DIAGNOSIS	DR.DAYA, DR.SENTHIL, DR.DIVYA, DR.DEVI	



NAME OF E-REOSURCE PLATFORM	WEBLINK	USED FOR
<p>ZOOM</p> 	<p><a href="https://zoom.us/">https://zoom.us/</a></p>	<p>THEORY CLASS CLINICAL CASE DISCUSSIONS ATTENDANCE</p>
<p>GOOGLE FORMS</p>  <p>Google Forms</p>	<p><a href="https://docs.google.com/forms/u/0/">https://docs.google.com/forms/u/0/</a></p>	<p>ASSIGNMENTS QUIZ ASSESSMENT AND GRADING</p>

**DEPARTMENT OF PEDODONTICS & PREVENTIVE DENTISTRY**

**THIRD YEARS E-CLINICS**

Topic : Pulpectomy  
Date :06.04.20  
Time : 1.00- 1.30.PM  
Faculty : Dr. Daya  
Instructor  
Faculty : Dr.Senthil, Dr.Divya and Dr. Devi  
Attended  
Students : Third years 6 /8  
Batch : E1  
Absentee :2  
Platform : ZOOM

Daya Srinivasan is inviting you to a scheduled Zoom meeting.

Topic: Daya Srinivasan's Zoom Meeting  
Time: Apr 6, 2020 01:00 PM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

<https://us04web.zoom.us/j/244078616?pwd=clo4WlhoYktrNmNLUXpDRDVSRW15Zz09>

Meeting ID: **244 078 616**

Password: pedo

12:42



## Pulpectomy

E learning clinical class

Department of Pedodontia & Preventive  
Dentistry

Dr Daya Srinivasan,



## Technique

Access opening -length of crown is smaller

- Thin dentinal walls in root canal and floor
- Depth necessary to penetrate the pulp tissue is less
- Pulp chamber is deroofed
- Coronal and radicular pulp tissue is removed with broaches
- Saline irrigation





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12:08 | 66.9KB/S | 13 | 4G+ | 44% | 100%

Close **Participants (8)**

🔍 Search

---

	Devi Chandrika (me)	  >
	Daya Srinivasan (host)	   >
	Divya N	  >
	RAKSHA RAMKUMAR	  >
	Rohithchandru K	  >
	SAHANASHREE M	  >
	Priyadarshini Ganesan	  >
	Visweshwaran S	  >

---

Chats Invite




**DEPARTMENT OF PEDODONTICS & PREVENTIVE DENTISTRY**

**THIRD YEARS E-CLINICS**

Topic : Chairside Behavior Management Techniques  
Date :07.04.20  
Time : 12.00- 12.45.PM  
Faculty : Dr. Divya  
Instructor  
Faculty : Dr.Senthil, Dr.Daya and Dr. Devi  
Attended  
Students : Third years 5/8  
Batch : E1  
Absentee :3  
Platform : ZOOM

**Dr Divya Cdc**



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Dr. Divya N is inviting you to a scheduled  
Zoom meeting.

Topic: Dr. Divya N's Zoom Meeting  
Time: Apr 7, 2020 12:00 PM Mumbai,  
Kolkata, New Delhi

Join Zoom Meeting  
<https://us04web.zoom.us/j/245243723>

Meeting ID: **245 243 723**

10:45





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# CHAIR SIDE BEHAVIOUR MANAGEMENT TECHNIQUES

DR.DIVYA.N

PEDIATRIC AND PREVENTIVE DENTISTRY



BEHAVIOR MANAGEMENT  
is defined as the means by  
which the dental health  
team effectively and  
efficiently performs dental  
treatment and thereby  
instills a positive dental  
attitude

*Wright 1975*





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## AUDIO DISTRACTION DURING EXTRACTION






















## PROTECTIVE STABILISATION

Reduce untoward  
movement  
Protect patient, dentist or  
parent from injury  
Quality dental treatment



Close **Participants (9)**

🔍 Search

- DC** Devi Chandrika (me)   >
-  Divya N (host)   >
- D** Daya Srinivasan   >
- SM** SAHANASHREE M   >
- SE** Senthil Eagappan AR   >
- PG** Priyadarshini Ganesan   >
- PA** Priyadharshini A   >
- R** RAKSHA RAMKUMAR   >
- RK** Rohithchandru K   >

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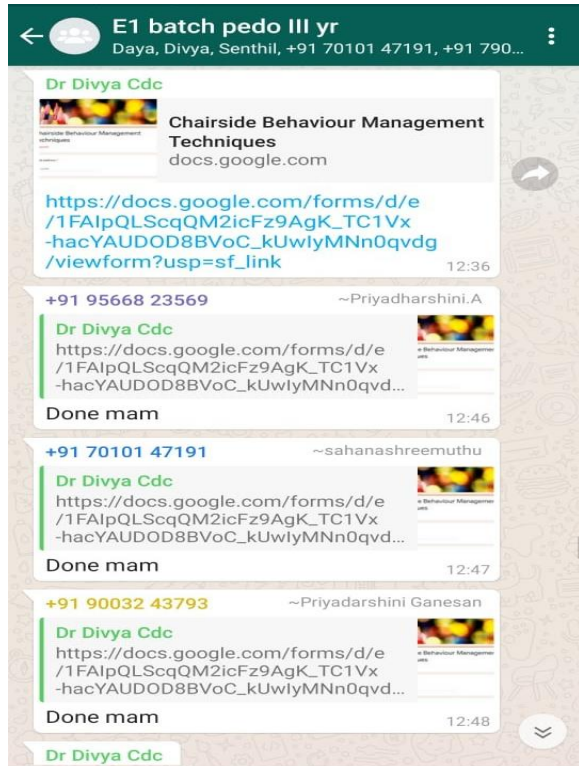
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A screenshot of a Zoom meeting grid showing four participants in a vertical column. The top participant is Devi Chandrika, wearing a white patterned top. The second participant is Divya N, wearing a black and white patterned top. The third participant is SAHANASHREE M, wearing a black top. The bottom participant is Priyadarshini Ganesan, wearing a dark top. A 'Recording' indicator is visible in the top right corner of the first video frame.

A screenshot of a Zoom meeting grid showing four participants in a vertical column. The top participant is Senthil Eagappan AR, wearing a blue shirt. The second participant is SAHANASHREE M, wearing a black top. The third participant is Priyadarshini A, wearing a white patterned top. The bottom participant is Rohithchandru K, wearing a patterned shirt and glasses. A 'Recording' indicator is visible in the top right corner of the first video frame. The top of the grid shows a phone number '245-243-723' and a lock icon. A control bar at the bottom includes icons for Mute, Stop Video, Share, Participants, and More.





### Chairside Bhaviour Management Quiz Sore





## Chairside Behaviour Management Techniques

\*Required

Email address \*

Your email address

Name \*

Your answer

What Frankl rating is being described :Cooperative, but somewhat shy/reluctant and cautious behavior at times?

Definitely Negative

Negative

Positive

What is the most popular behavior management method used in pediatric dentistry? \*

Voice Control

Tell show Do

HOME

Distraction

What are the Pre-appointment Behavior Modification? \*

Tell show Do

Pre-appointment call, e-mail, letter

Modelling

Option 2 and 3

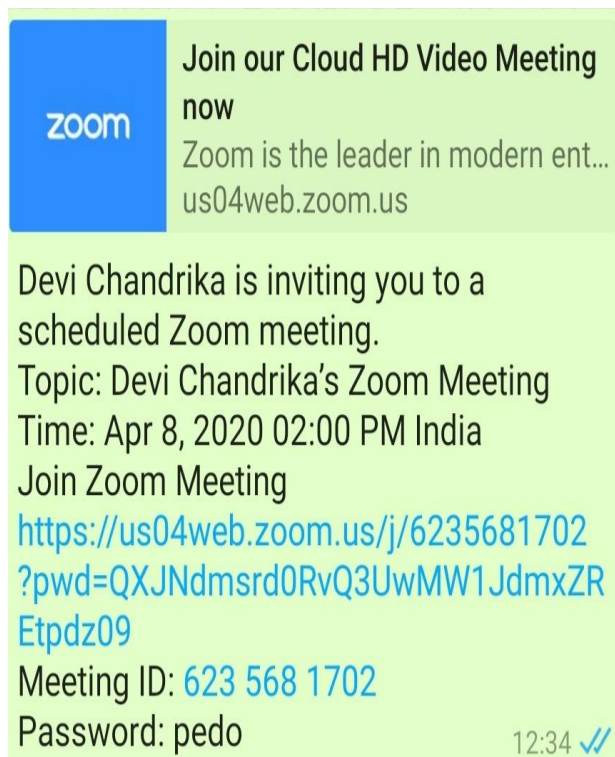
What are included in positive management / reinforcement? \*

Verbal praises and Voice modulation

**DEPARTMENT OF PEDODONTICS & PREVENTIVE DENTISTRY**

**THIRD YEARS E-CLINICS**

Topic	: Class II cavity preparation in Primary teeth
Date	:08.04.20
Time	:02.00- 03.00.PM
Faculty	: Dr. Devi Chandrika
Instructor	
Faculty	: Dr.Senthil, Dr.Divya and Dr. Daya
Attended	
Students	: Third years 5/8
Batch	: E1
Absentee	:3
Platform	: ZOOM



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Topic: Devi Chandrika's Zoom Meeting  
Time: Apr 8, 2020 02:00 PM India  
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[https://us04web.zoom.us/j/6235681702  
?pwd=QXJNdmsrd0RvQ3UwMW1JdmxZR  
Etpdz09](https://us04web.zoom.us/j/6235681702?pwd=QXJNdmsrd0RvQ3UwMW1JdmxZR Etpdz09)  
Meeting ID: **623 568 1702**  
Password: pedo

12:34 ✓





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# **CLASS II CAVITY PREPARATION IN PRIMARY TEETH**

**DR. DEVI CHANDRIKA  
DEPARTMENT OF PEDODONTICS**

## **Operative dentistry:**

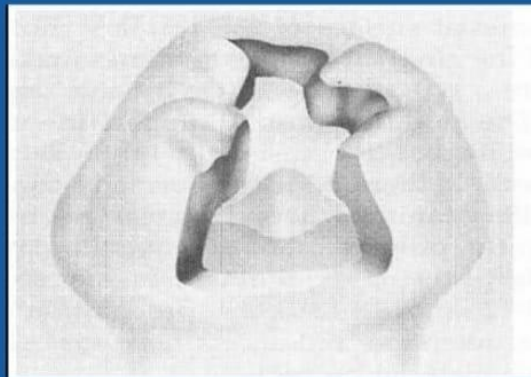
- It is the art and science of the diagnosis, treatment and prognosis of defects of teeth that do not require full coverage restorations for correction.
- The aim of pediatric operative dentistry is to maintain the tooth in the dental arch in a healthy state, so as to prevent its loss and the subsequent problems that will result.



- ▼ The proximal box line angles and walls should converge towards the occlusal.  
When viewed from the occlusal aspect, the resulting axial wall should follow the outline of the original proximal surface.



- ▼ An axiobuccal and axiolingual retentive groove may be included in the preparation.





**DEPARTMENT OF PEDODONTICS & PREVENTIVE  
DENTISTRY  
THIRD YEAR ASSIGNMENT – IV  
TOPIC – CAVITY PREPARATION**

Date : 08.04.20

**QUESTIONS :**

1. Define Operative dentistry.
2. Define Cavity preparation.
3. What are the types of cavity preparation?
4. G.V. Black's classification of cavity preparation.
5. What are the principles of cavity preparation?

**Anatomic Considerations of Primary Teeth**

1. Shorter crown.
2. Thinner enamel and dentin.
3. Larger pulp and higher pulp horns.
4. Enamel rods in cervical area directed occlusally.
5. Greater cervical constriction.
6. Broad, flat proximal contacts.
7. Narrow occlusal table.
8. Lighter in color.

Devi Chandrika's screen



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**E1 batch pedo III yr**  
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**sahana shree pedo as...**

3 pages • 1.1 MB • PDF 13:53

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**Priyadharshini.A pedo...**

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**Raksha Pedo assign...**

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DC Devi Chandrika (Host)



PG Priyadarshini Ganesan



SM SAHANASHREE M



SE Senthil Eagappan AR



D Daya Srinivasan



PA Priyadharshini A



R RAKSHA RAMKUMAR



RK Rohithchandru K



Chat

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REC

Divya N

SAHANASHREE M

Priyadarshini Ganesan

Devi Chandrika

Progress indicator: 4 dots, 3rd dot active

REC

Divya N

Daya Srinivasan

Priyadarshini A

Progress indicator: 5 dots, 4th dot active

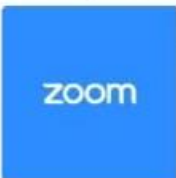
**DEPARTMENT OF PEDODONTICS & PREVENTIVE DENTISTRY**

**THIRD YEARS E-CLINICS**

Topic	: Sealants
Date	:09.04.20
Time	:12.00- 12.30.PM
Faculty	: Dr. Daya
Instructor	
Faculty	: Dr.Senthil, Dr.Divya and Dr. Devi
Attended	
Students	: Third years 6/8
Batch	: E1
Absentee	:2
Platform	: ZOOM

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Dr Daya Cdc



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Topic: Daya Srinivasan's Zoom Meeting  
Time: Apr 9, 2020 12:00 PM India

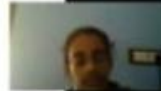
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[https://us04web.zoom.us/j/301392153  
?pwd=TndDZE1EUGFZUmplQW5jUGRqN1QQT09](https://us04web.zoom.us/j/301392153?pwd=TndDZE1EUGFZUmplQW5jUGRqN1QQT09)

Meeting ID: **301 392 153**

Password: pedo



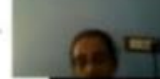


## Pit & fissure sealants

e-Learning clinical class  
Department of Pediatric & Preventive Dentistry

Dr Daya Srinivasan

## Technique of placement



- Isolation
- Tooth preparation—pumice +H<sub>2</sub>O
- Air abrasion using Al<sub>2</sub>O<sub>3</sub> particles
- Acid etching—phosphoric acid— 37%conc
- Time
- Silverstone zones—etched zone -10µm
  - qualitative porous zone—20µm
  - quantitative porous zone—20µm



Caries free surface -no wedging Stained pit & fissures	No rx.6 month recall
Caries free-minimal decalcification-no clinical or radiographic appearance of D.C	Adequate isolation-place sealant. Else wait for further eruption and place within 1-3 months

### Contra Indication

- Well coalesced pit and fissures
- Radiographic evidence or clinical presence of proximal lesion
- Teeth not fully erupted
- Isolation not possible
- Dentinal caries
- Life expectancy of tooth is limited
- Wide & cleansable pit and fissures





















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**Participants (9)**

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- R** RAKSHA RAMKUMAR   >
- RK** Rohithchandru K   >
- SM** SAHANASHREE M   >
- SE** Senthil Eagappan AR   >
-  Visweshwaran S   >
- PA** Priyadharshini A  >

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Devi Chandrika

Daya Srinivasan

SAHANASHREE M

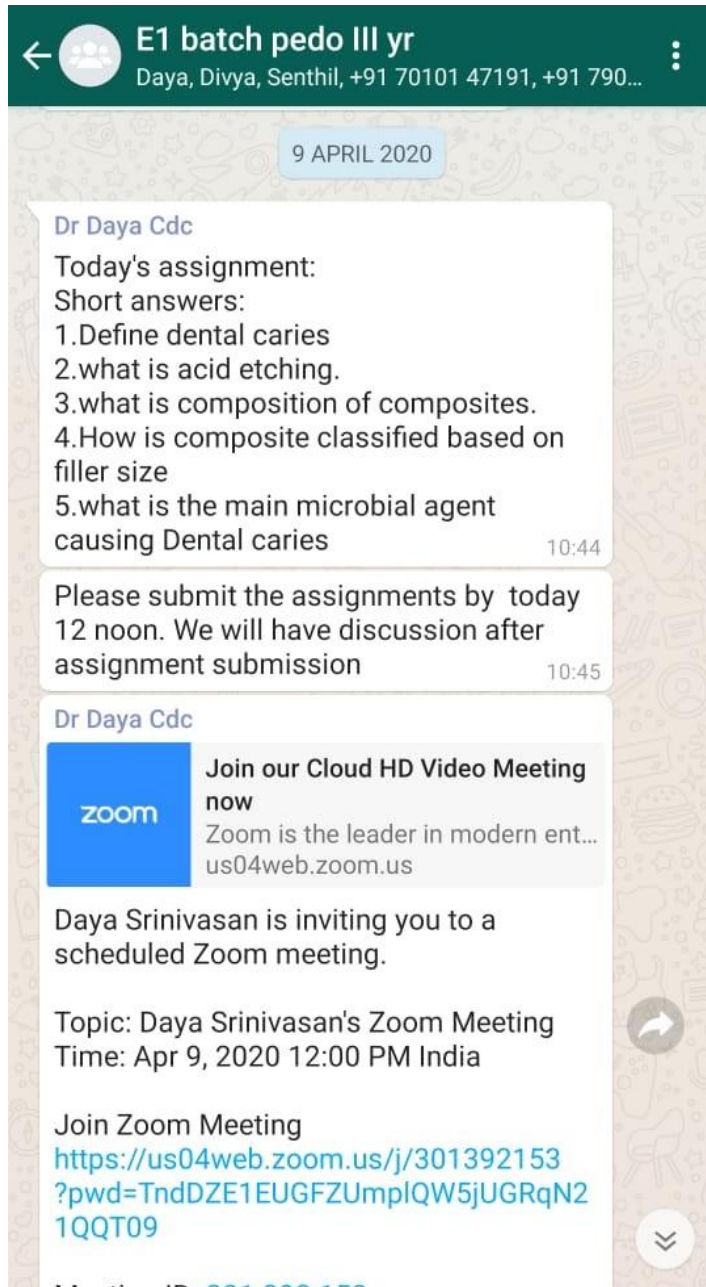
RAKSHA RAMKUMAR

Mute Stop Video Share Participants More

Divya N ● Recordin

RAKSHA RAMKUMAR

Visweshwaran S





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+91 88835 11000 ~Prathosh Krishnara...

Dental caries  
Irreversible microbial disease that causes an demineralization of the inorganic part & dissolution of organic portion.

New Doc 2020-04-09 11.50....

2 pages • PDF 11:52

Prathosh assignment 11:52

+91 89036 40593 ~Rohithchandru

Dental caries  
Dental caries is defined as the irreversible microbial disease that results in the destruction of the organic part and dissolution of the inorganic part.

Rohithchandru K Pedo Assig...

1 page • PDF 11:53

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Dental caries  
Dental caries is an irreversible microbial disease of the calcified tissue of the teeth characterized by demineralization of the inorganic portion and destruction of the organic substance of the teeth, which often leads to...

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pedo assignment

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dental caries  
Dental caries is defined as the irreversible microbial disease that results in the...

Raksha pedo assignm...

2 pages • 1.0 MB • PDF 11:55

Dr Daya Cdc  
Come for discussion 12:00

+91 90032 43793 ~Priyadarshini Gane...

Dental caries  
Dental caries is an irreversible microbial disease of the calcified tissue of the teeth characterized by demineralization of the inorganic portion and destruction of the organic substance of the teeth, which often leads to...

priyadarshini ganesan...

2 pages • 361 kB • PDF 12:02

+91 79043 80403 ~Visweshwaran

Dental Caries  
It is defined as the irreversible...

New Doc 04-09-2020 12.39....

3 pages • PDF 12:40

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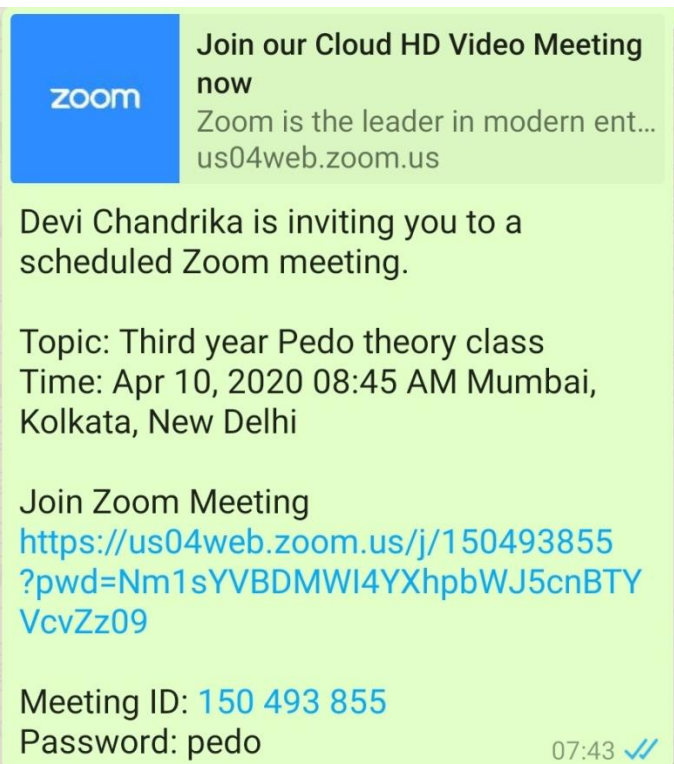
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## **DEPARTMENT OF PEDODONTICS & PREVENTIVE DENTISTRY**

### **THIRD YEARS E-CLASS**

Topic : Jean Piaget's Cognitive Theory  
Date :10.04.20  
Time :08.45- 09:30.AM  
Faculty : Dr. Devi Chandrika  
Instructor  
Faculty : Dr.Senthil, Dr.Divya and Dr. Devi  
Attended  
Students : Third years 87/91  
Batch :Third Years Aug 19-20  
Third Years Feb 20-21  
Absentee :4  
Platform : ZOOM



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Devi Chandrika is inviting you to a scheduled Zoom meeting.

Topic: Third year Pedo theory class  
Time: Apr 10, 2020 08:45 AM Mumbai, Kolkata, New Delhi

Join Zoom Meeting  
<https://us04web.zoom.us/j/150493855?pwd=Nm1sYVBDMWI4YXhpbWJ5cnBTYVcvZz09>

Meeting ID: **150 493 855**  
Password: pedo

07:43 ✓✓





Child Psychology -  
Jean Piaget's Cognitive theory

DR.DEVI CHANDRIKA  
DEPARTMENT OF PEDODONTICS

**INTRODUCTION**

**Child psychology:** Is the science that deals with the mental power or an interaction through the conscious and subconscious elements in a child.

**IMPORTANCE OF CHILD PSYCHOLOGY**

Knowledge about child psychology will help us to:

- Understand the child better and therefore deal with him more effectively and efficiently.
- For effective communication and better treatment planning.
- To understand the behavior problems psychologically.
- To teach the parent and child, the importance of primary & preventive care.
- Helps modify child's developmental process.

Zoom

Divya N    Devi Chandrika    P vishanth

Recording

WPS Office    Child Psycholog...gnitive theory

**PRECONCEPTUAL STAGE (2 TO 4 YEARS):**

Five major developments occur during this stage.

(a) **Emergence of symbolic thought:** The children develop the ability to represent an object by another word, object or event. Language is the best form of symbolism that young children display. For example, horse can be correlated with animals and an elephant is related to huge.

(b) **Pretend play:** Pre-schoolers mimic superheroes (boys), mothers (girls), doctors and so on. The children play these roles with properties around them, for example a wooden stick instead of the gun for a warrior, a shoebox instead of a cradle for the baby and so on.

Participants (87)

Search

- DN Divya N (me)
- DC Devi Chandrika (Host)
- D Devadarshini
- AB Aadhya Babu
- AA Aateef Ahmed
- A ABIRAMI.P
- Am Afridh hameedha.M
- A Aishwarya
- AS Akshaya S
- AM Amira Moosa
- An Anudharshini Sekar
- AN Anusha Naidu
- A Ashrita
- Bk Barath kumar
- BS Bavadarhini Selvaraj
- B Buvaneshwari.J

Unmute Me    Raise Hand



Zoom

Recording

WPS Office Child Psychology-egnative theory X


Participants (87)

Q Search

- N Nithyasri
- NR Niveditha R
- Pv P vishanth
- Pavithra G
- Pavithra Manohar
- Prackadeesh PG
- PG Priyadarshini Ganesan
- PA Priyadarshini A
- R RAKSHA RAMKUMAR
- Ramasamy Narayanan
- RK Rohithchandru K
- S S.Santhini
- SM SAHANASHREE M
- Sakthi Mani Murugan P
- SS Savitha S
- SE Senthil Eagappan AR

Unmute Me Raise Hand

(c) **Animism:**  
Pre-schoolers lack the skills to classify animate (living) and inanimate (non-living) entities in the environment. They consider inanimate also to be living and attribute life and lifelike qualities to non-living objects. This is termed as animism, for example mock feeding a doll (non-living) explaining that it is hungry (life attribute).



(d) **Transductive reasoning:**  
When two events occur together, the child feels that one has happened because of the other. For example, when a pendulum clock strikes 6 o'clock and the sky is turning dark, the child feels that the darkness has set in just because the clock stroke 6 times.

Slide 29 / 54

Zoom

Recording

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Participants (88)

Q Search

- Sriram Mahesh
- SR Srividhya Rajesh
- Srivishnu Janakiraman
- S Subhathi B
- SS Supriya Sri Lakshmi
- SS Supriya Sri Lakshmi
- S Suvetha
- Sn Swetha nidhi
- V Vaishali
- V Vaishnavi
- V Vignesh.S
- Vignesh Mk
- V Vinitha
- Visweshwaran S
- Aakash V
- AC Anu Chandhini

Unmute Me Raise Hand

(e) **Egocentrism:**  
This is the tendency to view the world from one's own perspective or has limited ability to share another persons viewpoint. It makes the child feels that the whole world sees only the scene that his eyes have perceived. For example, when the child is asked about the location of his school, he says that it is next to the tall blue building (instead of the locality name). The child has a view that the whole world knows 'this tall blue building' near his school.  
His view is animistic or artificial and he cannot distinguish what is real from what is not real.  
Dental eg: He may feel that the dentist or the assistant is the cause of the pain because that person was present at the time of painful experience.

Slide 30 / 54



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Close	Participants (87)	Close	Participants (87)
	Mahamudha Ameerulla		Pavithra Manohar
	Mahesh Mahesh		Prackadeesh PG
	Manigandan T		Priyadarshini Ganesan
	mathan rajan		Priyadarshini A
	Mothi Rajathi		RAKSHA RAMKUMAR
	Mukilan S C		Ramasamy Narayanan
	Nandini Nagarajan		Rohithchandru K
	Narendhar Sreedhran		S.Santhini
	Nikilesh Raj		SAHANASHREE M
	Nithyasri		Sakthi Mani Murugan P
	Niveditha R		Savitha S
	P vishanth		Senthil Eagappan AR
	Pavithra G		Shree devi Elangovan
<a href="#">Chats</a>	<a href="#">Invite</a>	<a href="#">Chats</a>	<a href="#">Invite</a>



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Close **Participants (87)**

	Shree devi Elangovan		
	Sirpika Arunachalam		
	Sneha S		
	Sona Sri		
	Soofiya Snober		
	Srinidhi .P		
	Sriram Mahesh		
	Srividhya Rajesh		
	Srivishnu Janakiraman		
	Subhathi.B		
	Supriya Sri Lakshmi		
	Suvetha		
	Swetha nidhi		

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	Supriya Sri Lakshmi		
	Suvetha		
	Swetha nidhi		
	Vaishali		
	Vaishnavi		
	Vigknes.S		
	Vignesh Mk		
	Vinitha		
	Visweshwaran S		
	Aakash V		
	Supriya Sri Lakshmi		
	Anu Chandhini		
	Bency Joseph Raj		

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Kanishka Nandhini

Dhiviya.N

Dharshini Periasamy

● ● ● ● ● ● ● ● ● ●

... 🔊 📶 VoLTE 📶

Vignesh Mk

Haripriya S

Sirpika Arunachalam

Joselin Rosary

● ● ● ● ● ● ● ● ● ●



VoLTE

Record

Logeshwari M

Afridh hameedha.M

RAKSHA RAMKUMAR

Niveditha R

Record

Ashrita

Mukilan S C

Mahamudha Ameerulla

Lakshana K G



**Chettinad**

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Daya Srinivasan

Ishwerya M

Chithaluru Pranathi

Gayathri S A

Recording

dhwarka mai jagatheesh

Supriya Sri Lakshmi

Gayathri Namdev

Kaviya sampath

**DEPARTMENT OF PEDODONTICS & PREVENTIVE DENTISTRY**

**THIRD YEARS E-CLINICS**

Topic	: Topical fluoride application
Date	:10.04.20
Time	:12.00- 12.30.PM
Faculty	: Dr.Senthil
Instructor	
Faculty	: Dr.Daya, Dr.Divya and Dr. Devi
Attended	
Students	: Third years 8/8
Batch	: E1
Absentee	:None
Platform	: ZOOM

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

Topic: Topical Fluoride Applications  
Time: Apr 10, 2020 12:00 PM India

Join Zoom Meeting



<https://us04web.zoom.us/j/191867807?pwd=MFJLQ1hJNnp0ZEE0SVNYTWI5NXRyUT09>

Meeting ID: **191 867 807**


Password: 5m1M02

07:34






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## Topical Fluoride Application

DR. SENTHIL  
DEPARTMENT OF PEDODONTICS



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## MECHANISM OF ACTION

**1. Inhibits demineralization**

- Fluoride present in the plaque travel with the acid down into the sub-surface of the tooth, adsorb to the crystal surface and protect it against being dissolved.



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**Apply Varnish with small brush**



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**Fluoride Varnish Application**



Apply varnish first to lower arch followed by upper arch


























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Close **Participants (12)**

Search





































- D** Daya Srinivasan (me)  
- SE** Senthil Eagappan AR (host)  
- DC** Devi Chandrika  
-  Divya N  
- PK** Prathosh Krishna  
- PG** Priyadarshini Ganesan  
- PA** Priyadharshini A  
- R** RAKSHA RAMKUMAR  
- RK** Rohithchandru K  
- SM** SAHANASHREE M  

Chats

Invite

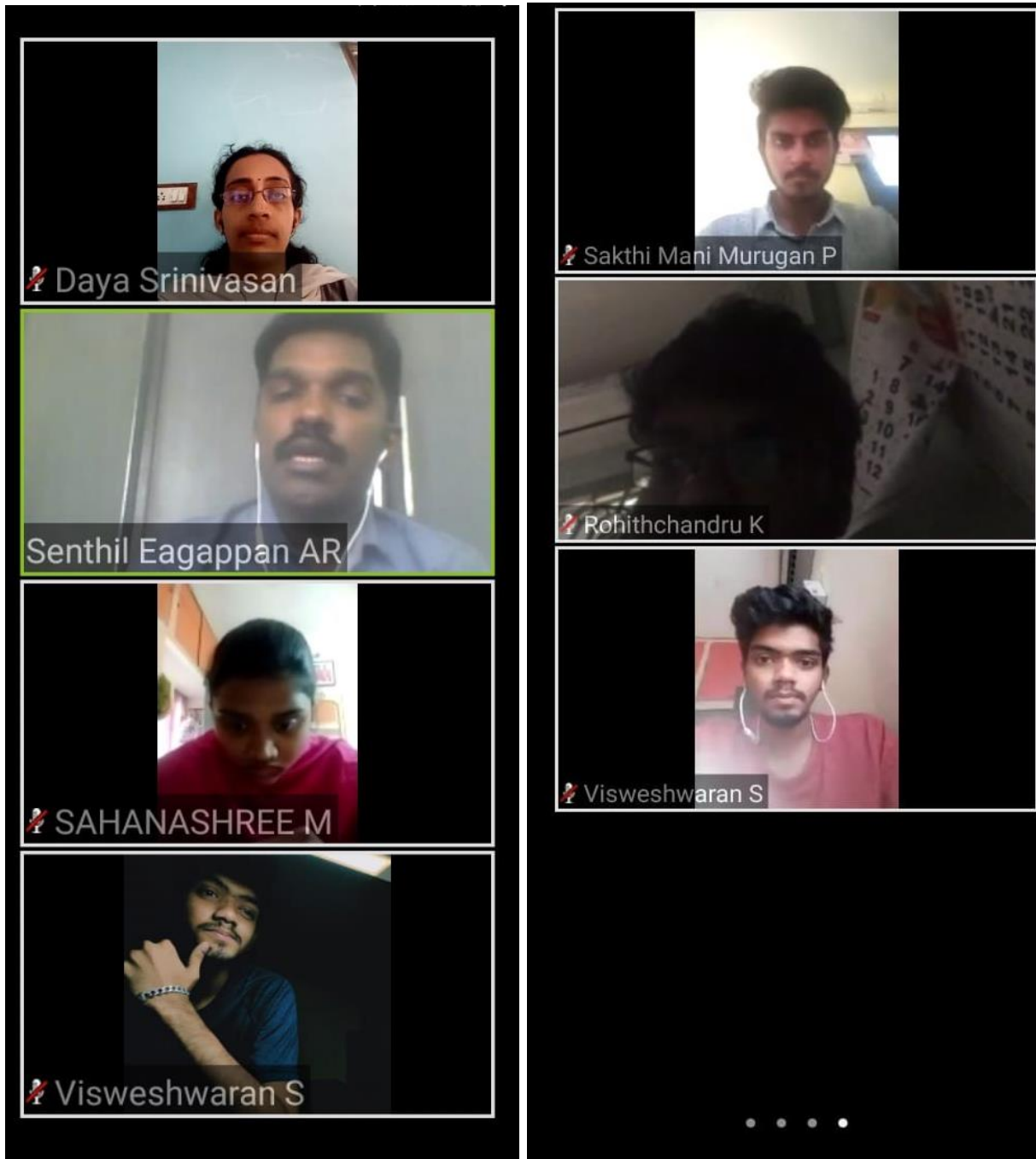
Close **Participants (11)**

Search

- DC** Devi Chandrika (me)   
- SE** Senthil Eagappan AR (host)   
- R** RAKSHA RAMKUMAR   
- SM** SAHANASHREE M   
-  Divya N   
- PK** Prathosh Krishna   
- PG** Priyadarshini Ganesan   
- PA** Priyadharshini A   
- RK** Rohithchandru K   
-  Sakthi Mani Murugan P   
-  Visweshwaran S   

Chats

Invite



A screenshot of a Zoom meeting grid showing seven participants in a 2x4 layout. The participants are:

- Top-left: Daya Srinivasan (man with glasses, blue shirt)
- Top-right: Sakthi Mani Murugan P (man with mustache, light blue shirt)
- Second row, left: Senthil Eagappan AR (man with mustache, blue shirt, wearing earbuds)
- Second row, right: Rohithchandru K (man with dark hair, glasses, dark shirt, looking down at a calendar)
- Third row, left: SAHANASHREE M (woman with dark hair, pink shirt)
- Third row, right: Visweshwaran S (man with dark hair, red shirt, wearing earbuds)
- Bottom row, left: Visweshwaran S (man with dark hair, blue shirt, resting chin on hand)

At the bottom of the grid, there are four white dots indicating the current page in a sequence.



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A vertical grid of four video call windows. Each window shows a participant's video feed with their name at the bottom. The participants are: Priyadharshini A (top), SAHANASHREE M (second), Divya N (third), and Prathosh Krishna (bottom). The bottom of the grid has three white dots.

Priyadharshini A

SAHANASHREE M

Divya N

Prathosh Krishna

A vertical grid of four video call windows. Each window shows a participant's video feed with their name at the bottom. The participants are: Devi Chandrika (top), SAHANASHREE M (second), RAKSHA RAMKUMAR (third), and Senthil Eagappan AR (bottom). The bottom of the grid has three white dots.

Devi Chandrika

SAHANASHREE M

RAKSHA RAMKUMAR

Senthil Eagappan AR

**DEPARTMENT OF PEDODONTICS & PREVENTIVE DENTISTRY**

**THIRD YEARS E-CLINICS**

Topic	:Case history & diagnosis
Date	:11.04.20
Time	:12.30- 1.30.PM
Faculty	: Dr.Divya
Instructor	
Faculty	: Dr.Senthil , Dr.Daya, and Dr. Devi
Attended	
Students	: Third years 6/7
Batch	: D2
Absentee	:1
Platform	: ZOOM



**Join our Cloud HD Video Meeting now**  
Zoom is the leader in modern ent...  
us04web.zoom.us

Divya N is inviting you to a scheduled Zoom meeting.

Topic: Case History  
Time: Apr 11, 2020 12:30 PM Mumbai, Kolkata, New Delhi

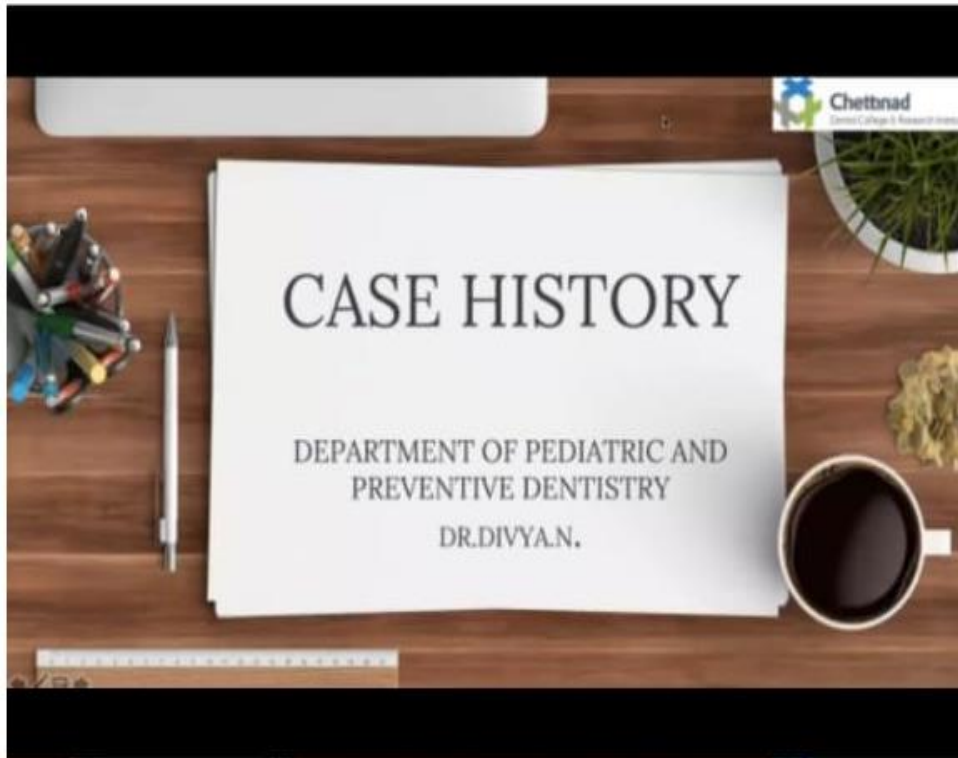
Join Zoom Meeting  
<https://us04web.zoom.us/j/669713439>

Meeting ID: **669 713 439** 11:02



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# CASE HISTORY

DEPARTMENT OF PEDIATRIC AND  
PREVENTIVE DENTISTRY

DR.DIVYA.N.

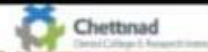


### iii. Name: Clinical Significance/Implication

- a) Communication verbally-A patient usually likes to be called by name.
- b) Enquiring the pet name of the child prior to the appointment creates a familiarity with the child. The Dentist becomes a known person and calling by the pet name allays the stranger anxiety in the child.
- c) For Medical-Legal cases.
- d) For the purpose of maintaining a record/Administrative purposes.
- e) Identification of the patient.
- f) Information of patients such as gender and religion.
- g) Psychological benefit, especially in the case of a Pediatric patient if called by a nickname.
- h) Sense of importance and acceptance to the patient.
- i) To alleviate apprehension.
- j) To build rapport with the child. In the case of Pediatric patients, addressing the patient by his/her name or pet name or nick-name will encourage him/her to talk freely.
- k) To elicit the history accurately.



## Caries Risk Assessment Tool (CAT<sup>®</sup>)



	Low risk	Moderate risk	High risk
<b>Clinical Conditions</b>	<ul style="list-style-type: none"> <li>No caries</li> <li>No enamel demineralization</li> <li>No visible plaque</li> <li>No gingivitis</li> </ul>	<ul style="list-style-type: none"> <li>Cariou teeth in past 24 months</li> <li>1 area of enamel demineralization (enamel)</li> <li>Caries "white spots lesions"</li> <li>Gingivitis</li> </ul>	<ul style="list-style-type: none"> <li>Cariou teeth in the past 12 months</li> <li>More than 1 area of enamel demineralization</li> <li>(enamel caries, "white spot lesions")</li> <li>Visible plaque on anterior front teeth</li> <li>Radiographic enamel caries</li> <li>High titers of mutans streptococci</li> <li>Wearing dental or orthodontic appliances</li> <li>Enamel hypoplasia</li> </ul>
<b>Environmental Characteristics</b>	<ul style="list-style-type: none"> <li>Optimal systemic/topical fluoride exposure</li> <li>Consumption of simple sugars or foods strongly associated with caries initiation primarily at mealtimes</li> <li>High caregiver socioeconomic status</li> <li>Regular use of dental care in an established dental home</li> </ul>	<ul style="list-style-type: none"> <li>Suboptimal systemic fluoride exposure with optimal topical exposure</li> <li>Occasional (1-2) between-meal exposures to simple sugars or foods strongly associated with caries</li> <li>Mid-level caregiver socioeconomic status (i.e., eligible for school lunch program or SCHIP)</li> <li>Irregular use of dental services</li> </ul>	<ul style="list-style-type: none"> <li>Suboptimal topical fluoride exposure</li> <li>Frequent (i.e. 3 or more) between-meal exposures to simple sugars or foods strongly associated with caries</li> <li>Low-level caregiver socioeconomic status (i.e. Eligible for Medicaid)</li> <li>No usual source of dental care</li> <li>Active caries present in the mother</li> </ul>
<b>General Health Conditions</b>			<ul style="list-style-type: none"> <li>Children with special health care needs</li> <li>Conditions impairing saliva composition/flow</li> </ul>

<sup>®</sup>NAMS, Council on Clinical Affairs, www.nams.org



### II. Clinical Examination/Assessment of Swelling Intraoral

Intraoral swellings should be visualized and palpated to determine if they are diffuse or localized, and if they are firm or fluctuant. These swellings may be present in the attached gingivae, alveolar mucosa, mucobuccal fold, palate, or sublingual.

Other testing methods are required to determine if the etiology is Endodontic, Periodontic, or a combination of these two or is of non-odontogenic origin. Swelling in the anterior part of the palate is most frequently associated with an infection present at the apex of the maxillary lateral incisor or the palatal root of the maxillary first premolar. More than 50% of the maxillary lateral incisor root apices deviate toward the distal or palate.

Intraoral swelling present in the mucobuccal fold can result from an infection associated with the apex of the root of any maxillary tooth that exits the alveolar bone on the facial, and is inferior to the muscle attachment present in that area of the maxilla.

Intraoral swelling can also occur in the sublingual space if the infection from the root apex spreads to the lingual, and exits the alveolar bone superior to the attachment for the mylohyoid muscle.

The tongue will be elevated, and the swelling will be bilateral because the sublingual space is contiguous with no midline separation. Severe infections involving the maxillary, and mandibular molars can extend into the parapharyngeal space, resulting in intraoral swelling of the tonsillar, and pharyngeal areas. This can be life-threatening if the patient's airway becomes obstructed.



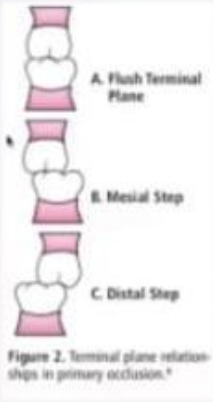
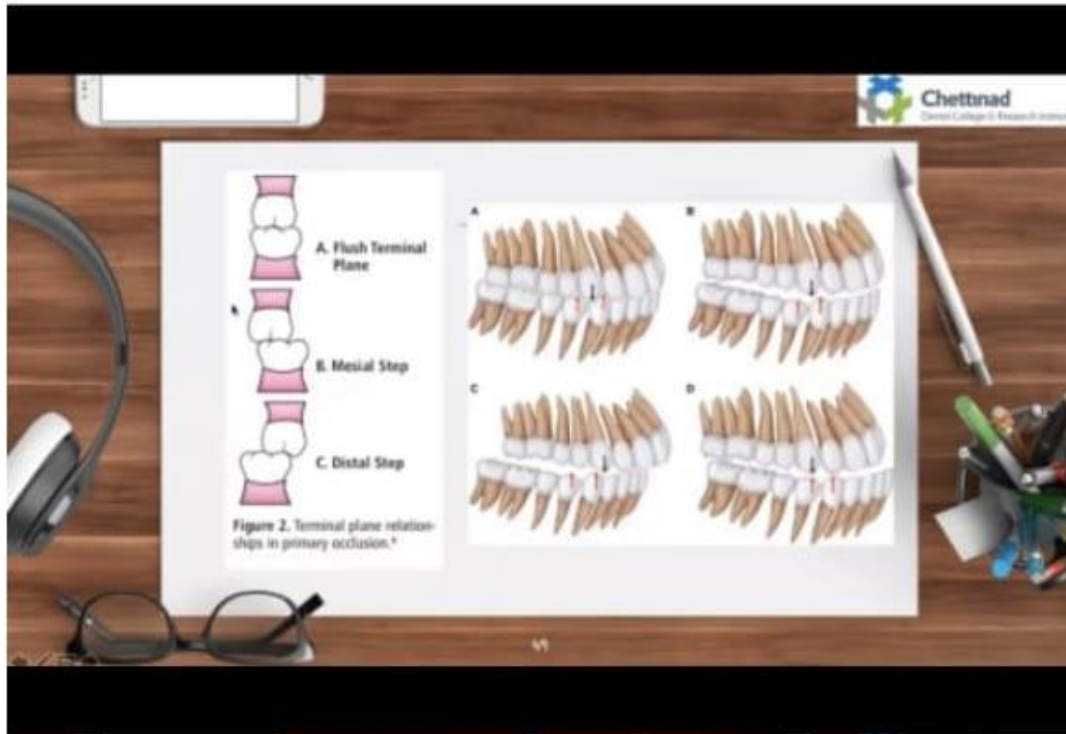
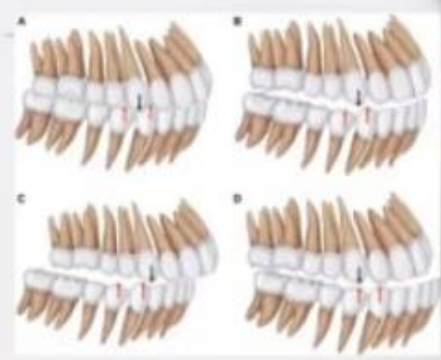


Figure 2. Terminal plane relationships in primary occlusion.\*

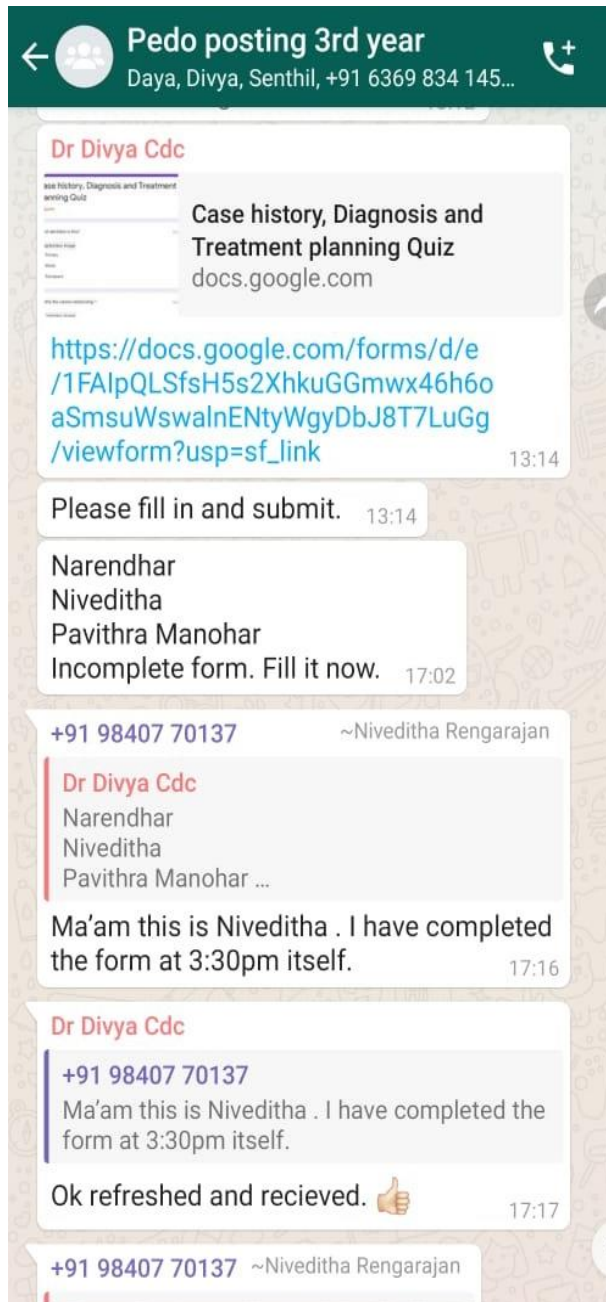


\*Figure 2.A, cont'd. 23. Mesial step (mesial of the central incisor in a child with increased overjet). 24. Exaggerated mesial inclination of the upper incisors. 25. Mesial step (mesial of the central incisor in a child with increased overjet). 26. Mesial step (mesial of the central incisor in a child with increased overjet). 27. Mesial step (mesial of the central incisor in a child with increased overjet).



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# Case history, Diagnosis and Treatment planning Quiz

\*Required

Name \*

Your answer

Which dentition is this?

10 points





Which dentition is this?

10 points



- Primary
- Mixed
- Permanent

\*



- Dentist-patient-parent
- Knee to Knee
- Active Stabilization

Identify the canine relationship \* 10 points

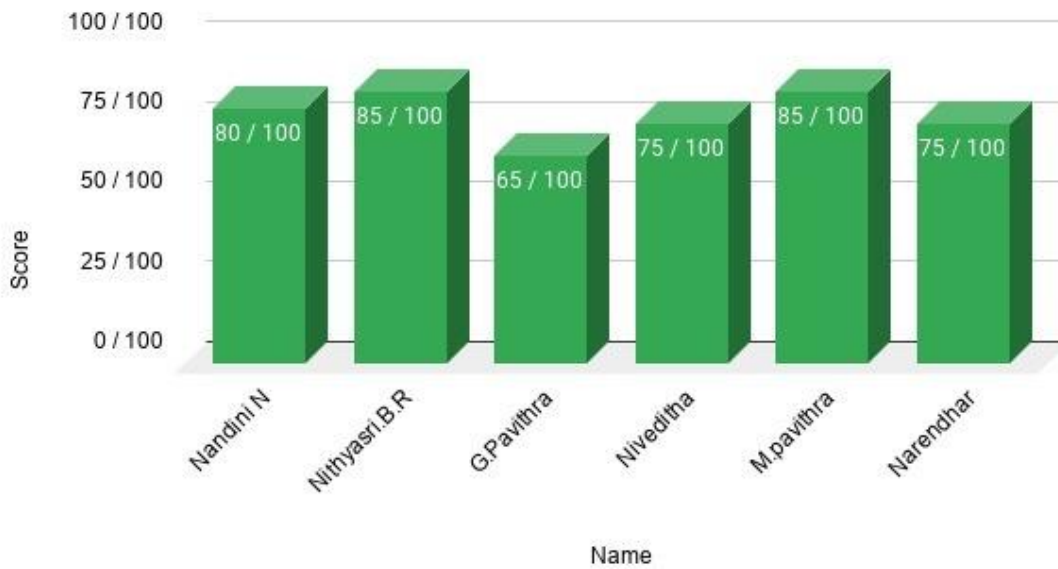


Identify the intra oral condition? \* 10 points





## Case History Quiz



**Case history is defined as:**

1. The information gathered from the patient and or parent and or guardian to aid in the overall diagnosis of the case.
2. As planned professional conversation that enables a patient to communicate his/her feelings, fear and sequence of events leading to the problem for which the patient seeks professional assistance, to the clinician so that patients' real or suspected illness and mental attitude of the patient can be determined.

**The objective of Case history:**
































1. A case history can be considered to be a planned professional conversation that enables the patient to communicate his symptoms, feeling, and fears to the clinician.
2. Acts as evidence in legal matters.
3. Categorizing and labeling these grouped items according to a standardized system for the classification of disease.
4. Eliciting accurate, detailed, and unbiased information from a patient is a skilled task and not merely a matter of recording the patient's responses to a checklist of

2



Close **Participants (10)**

Search

-  **DC** Devi Chandrika (me)   >
-  **Divya N** (host)    >
-  **D** Daya Srinivasan   >
-  **NN** Nandini Nagarajan   >
-  **Narendhar Sreedhran**   >
-  **N** Nithyasri   >
-  **NR** Niveditha R   >
-  **Pavithra G**   >
-  **Pavithra Manohar**   >
-  **SE** Senthil Eagappan   >

Chats

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669-713-439 Lea

Recording

Devi Chandrika

Divya N

Nandini Nagarajan

Pavithra G

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Recording

Niveditha R

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Narendhar Sreedharan

Nithyasri



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