

**DEPARTMENT OF ORAL AND MAXILLOFACIAL PATHOLOGY & MICROBIOLOGY**  
**E-LEARNING CLASS RECORDS**

**COURSE: BACHELOR OF DENTAL SURGERY**  
**SUBJECT: ORAL AND MAXILLOFACIAL PATHOLOGY**

**YEAR: CRI**  
**DATE: 30.03.2020 to 04.04.2020**


<b>CIRCULAR NO</b>	<b>DATE</b>	<b>TIMING</b>	<b>TOPIC</b>	<b>PRESENTEE- FACULTY/PG</b>	<b>NO OF INTERNS ATTENDED</b>
CDCRI/OP/PG/2020/016	03.04.2020	12.30 pm -2.00 pm	Seminar on Composition and Functions of Saliva	Dr. Leo Caroline, IMDS	3
CDCRI/OP/2020/030	04.04.2020	08.30 am - 10.00 am	Malignant Salivary Glands - Adenoid Cystic Carcinoma (ACC)	Dr. Merlin Jayaraj	3

CDCRI/OP/PG/2020/016

03.04.2020

DEPARTMENT OF ORAL AND MAXILLOFACIAL PATHOLOGY AND MICROBIOLOGY

RECORD OF e-CLASS

PLATFORM	 <a href="https://us04web.zoom.us/j/410899810">https://us04web.zoom.us/j/410899810</a>
PRESENTATION	SEMINAR PRESENTATION
TOPIC	COMPOSITION AND FUNCTIONS OF SALIVA
PRESENTER	DR. LEO CAROLINE
DATE	03.04.2020
TIMING	12.30 pm to 2.00 pm
FACULTY ATTENDED	DR. SATHISH MUTHUKUMAR, DR. SREEJA, DR. NACHIAMMAI, DR. MERLIN, DR. SERENA AND DR. HARINI
INTERN PARTICIPANTS	CRI POSTED IN DEPARTMENT OF ORAL PATHOLOGY- 3 Participants. RAAVI SRIHARIKA, REVANTH KUMAR, SHANMUGA VELU

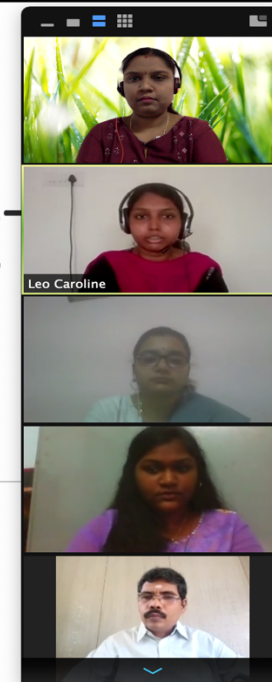
POST GRADUATE: DR. LEO CAROLINE.M (I MDS) PRESENTATION

SHARED SCREEN



# COMPOSITION AND FUNCTION OF SALIVA

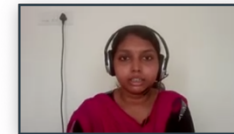
DR. LEO CAROLINE.M  
1<sup>ST</sup> MDS  
DEPARTMENT OF ORAL PATHOLOGY  
3/04/2020



POST GRADUATE: DR. LEO CAROLINE.M (I MDS) PRESENTATION

SHARED SCREEN

Recording



## GLAND SPECIFIC SALIVA

- Collected specifically from each gland.
- The saliva collectors are placed on the ductal orifice.



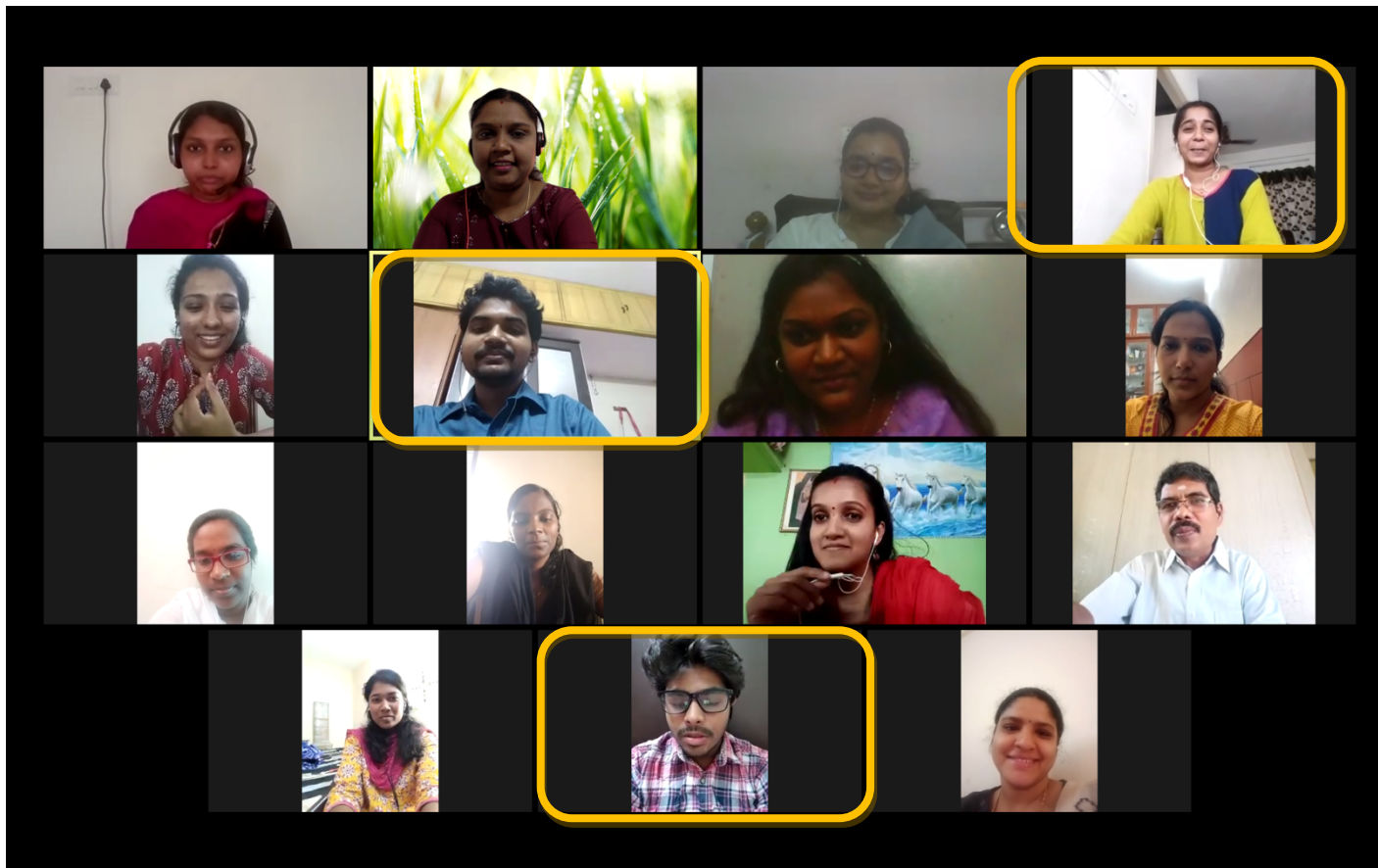
Swab method



Modified Carlson Crittenden method


































**POST GRADUATE: DR. LEO CAROLINE.M (I MDS) PRESENTATION**

**PARTICIPANTS VIDEO TILES**



**POST GRADUATE: DR. LEO CAROLINE.M (I MDS) PRESENTATION**

**PARTICIPANTS ATTENDANCE**


Participants (15)		
Search		
M	Merlin Jayaraj (me)	 
	Leo Caroline (Host)	 
	Dr. Harini Priya	 
SM	Sathish Muthukumar	 
SS	Shanmugavelu S	 
	Sreeja C	 
A	Anupriya	 
	Beeula A	 
G	Gowri Santhakumar	 
KS	Krithigaa Sivaraman	 
N	Nachiammai	 
RK	Revanth Kumar	 
SF	Serena Francis	 
	Dr. Prisilla	 

CDCRI/OP/2020/030

04.04.2020


DEPARTMENT OF ORAL PATHOLOGY AND MICROBIOLOGY

RECORD OF e CLASS

PLATFORM	 <a href="https://us04web.zoom.us/j/849950051">https://us04web.zoom.us/j/849950051</a>
DATE	04.04.2020
TIMING	08.30 am to 10.00 am
SESSION	LECTURE
TOPIC	MALIGNANT SALIVARY GLAND NEOPLASM- ADENOID CYSTIC CARCINOMA
PRESENTING FACULTY	DR. MERLIN JAYARAJ
FACULTY ATTENDED	DR. SATHISH MUTHUKUMAR
UG PARTICIPANTS	CRI POSTED IN DEPARTMENT OF ORAL PATHOLOGY- 3 Participants. RAAVI SRIHARIKA, REVANTH KUMAR, SHANMUGA VELU

FACULTY: DR. MERLIN JAYARAJ PRESENTATION

SHARED SCREEN



**MALIGNANT SALIVARY GLAND  
NEOPLASM-  
ADENOID CYSTIC CARCINOMA**

DR.MERLIN JAYARAJ MDS  
DEPT OF ORAL PATHOLOGY  
04.04.2020

Bavadharini Sel...

Prathosh Krishna

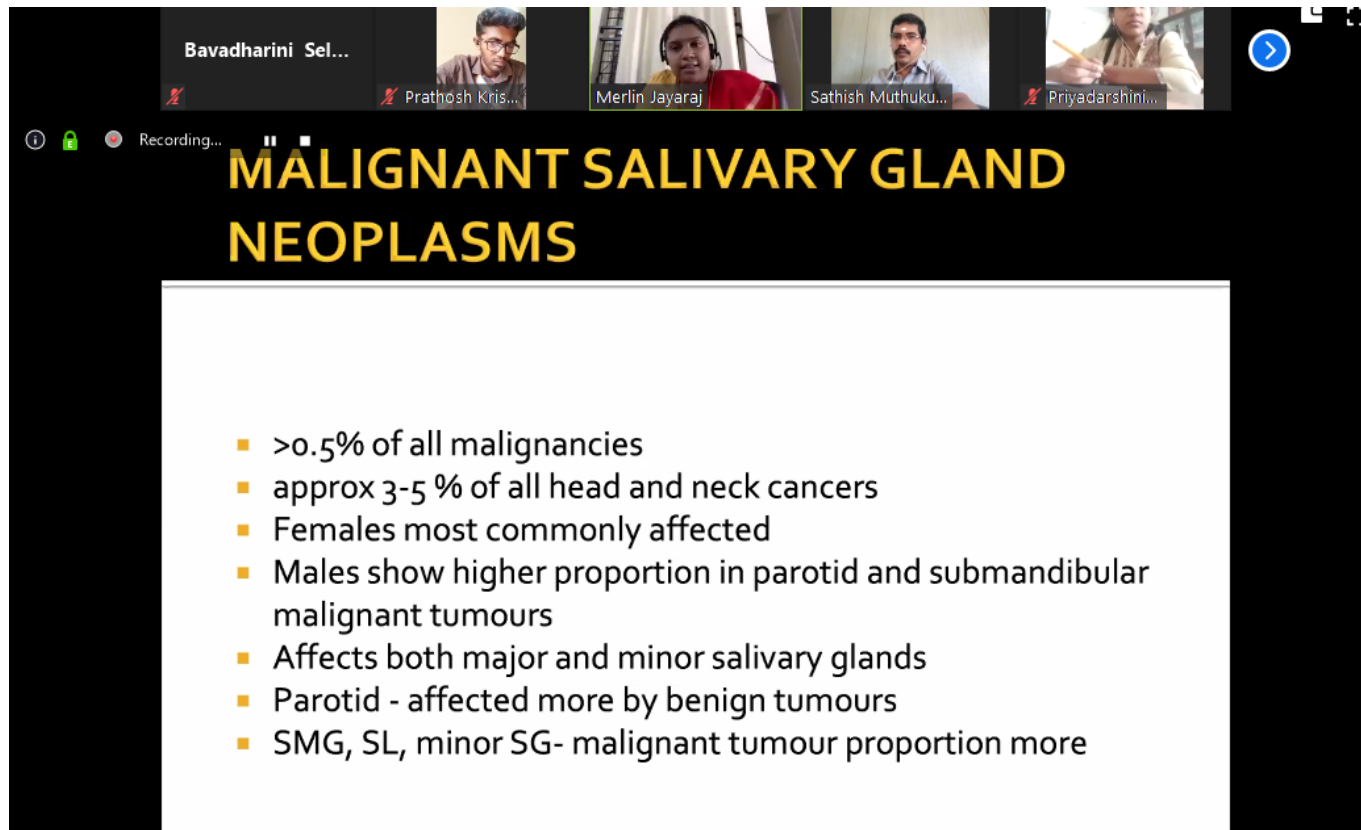
Merlin Jayaraj

Sathish Muthukumar



FACULTY: DR. MERLIN JAYARAJ PRESENTATION

SHARED SCREEN



Recording...

## MALIGNANT SALIVARY GLAND NEOPLASMS

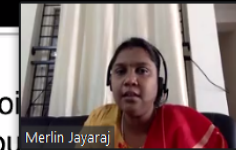
- >0.5% of all malignancies
- approx 3-5 % of all head and neck cancers
- Females most commonly affected
- Males show higher proportion in parotid and submandibular malignant tumours
- Affects both major and minor salivary glands
- Parotid - affected more by benign tumours
- SMG, SL, minor SG- malignant tumour proportion more

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## Adenoid cystic carcinoma

- It is defined by the World Health Organisation as “a basaloid tumour consisting of epithelial and myoepithelial cells in various morphological configurations, including tubular, cribriform and solid patterns. It has a relentless clinical course and usually a fatal outcome”



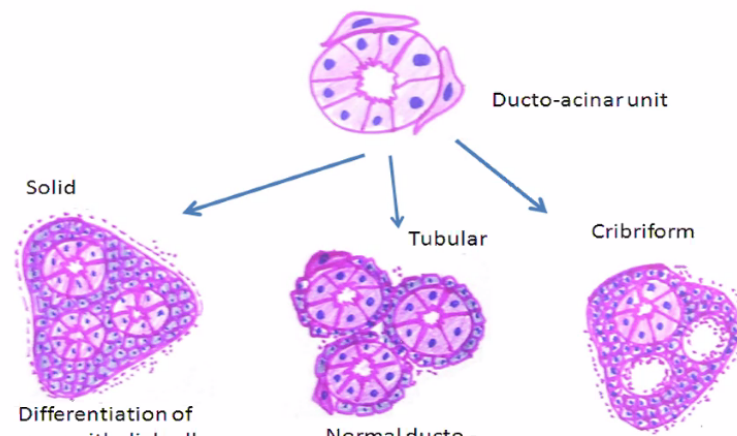


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## PATHOGENESIS- ACC

Pathogenesis of Adenoid cystic carcinoma



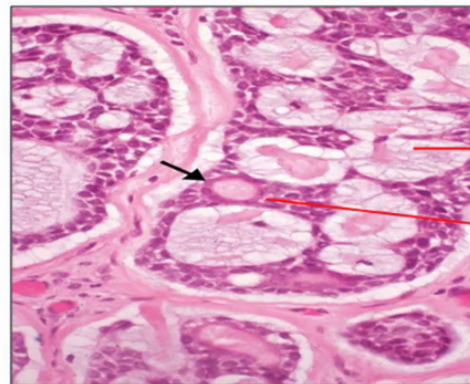


**Chettinad**  
Dental College & Research Institute

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SHARED SCREEN

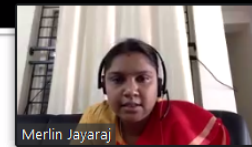
## H/P-Cribriform pattern- ACC



Cribriform space –  
Pseudo- cystic spaces

True duct




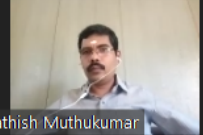


**Predominant Pseudo Cystic space and less ductal structures – Hall mark of cribriform variant**



Merlin Jayaraj

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**PARTICIPANT VIDEO TILES**

 Mahamudha Am...	 Bavadharini Sel...	 Merlin Jayaraj	 Gayathri S A	 Kavya Maran
 Nikilesh Raj	 Anusha Naidu	 Priyadarshini Ga...	 Manigandan T	 Sathish Muthukumar
 Subhathi.B	 Mahesh Mahesh	 Suvetha Manoha...	 Krithigaa Sivara...	 Leo Caroline
 Shanmugavelu S	 Lakshana K G	 dhwarka mai jag...	 Ishwerya M	 Prathosh Krishna
 Srividhya Rajesh	 Nithyasri B.R.	 Beeula A	 Sriram Mahesh	 Sriharika Raavi

## FACULTY: DR. MERLIN JAYARAJ PRESENTATION

### PARTICIPANTS ATTENDANCE

Participants (98)			
Find a participant			
BS	Bavadharini Selvaraj (Host, me)	NR	Niveditha R
M	Merlin Jayaraj	P	P.ABIRAMI
G	Gowri Santhakumar	P	P.Kowsalya
AB	Aadhya Babu		Pavithra G
AR	Abigna Reddy		Pavithra Manohar
AH	Afridh hameedha.M		Prackadeesh PG
A	Aishwarya		Prathosh Krishna
	akshaya Bhupalan	PG	Priyadarshini Ganesan
AS	Akshaya S	PA	Priyadarshini A
AM	Amira Moosa	R	RAKSHA RAMKUMAR
AC	Anu Chandhini	H	Ramasamy Narayanan
	Anudharshini Sekar	RK	Revanth Kumar
A	Anupriya.D	RK	Rohithchandru K
AN	Anusha Naidu	S	S.Santhini
		S	S.Vignesh
		SM	SAHANASHREE M
			Sakthi Mani Murugan P
		SM	Sathish Muthukumar
		SS	Savitha S
		SS	Shanmugavelu S
		SD	Shree devi
			Sirpika Arunachalam
			Sneha S
		SS	Sona Sri
		SS	Sonija Sankar
		SR	Sriharika Raavi
		S.	Srinidhi .P
		SN	Srinivas N