

DEPARTMENT OF ORAL AND MAXILLOFACIAL PATHOLOGY
E-LEARNING CLASSES – VIDEO AND AUDIO RECORDINGS OF CLASSES

COURSE: MASTER OF DENTAL SURGERY
SUBJECT: ORAL AND MAXILLOFACIAL PATHOLOGY

YEAR: I MDS, II MDS, III MDS

DATE: 15.06.2020 to 20.06.2020

CIRCULAR NO	DATE	TIMING	TOPIC - PRESENTER	PRESENTEE-FACULTY /PG	FACULTY PRESENT	NO OF POST GRADUATES ATTENDED
CDCRI/OP/PG/2020/052	15.06.2020	11.00-12.00AM	OROFACIAL GRANULOMATOSIS	DR.SRIRAM	Dr. R. Sathish Muthukumar, Dr. Nachiammai, Dr.Merlin	7
CDCRI/OP/PG/2020/052	15.06.2020	2.30-4.00PM	COVID PROTOCOLS DISCUSSION	DR.JAYANTHI, DR.BEEULA	Dr. R. Sathish Muthukumar, Dr. Nachiammai, Dr.Sreeja, Dr. Serena, Dr. Harini, Dr.Merlin	7
CDCRI/OP/PG/2020/052	16.06.2020	8.30-10.30AM	OROFACIAL PAIN PART 3	DR.SATHISH MUTHUKUMAR	nil	7
CDCRI/OP/PG/2020/052	17.06.2020	1.30-3.00PM	JOURNAL DISCUSSION – EMT	DR.S.KRITHIGAA	Dr. R. Sathish Muthukumar, Dr. Nachiammai, Dr.Sreeja, Dr.Merlin	6
CDCRI/OP/PG/2020/052	20.06.2020	1.30-2.45PM	JOURNAL – LABORATORY PROTOCOLS DURING COVID 19 PANDEMIC	DR.SAMYUKTHA	Dr. R. Sathish Muthukumar, Dr. Nachiammai, Dr. Serena, Dr. Harini, Dr.Merlin	6

CDCRI/OP/2020/052

15.06.2020

DEPARTMENT OF ORAL AND MAXILLOFACIAL PATHOLOGY AND MICROBIOLOGY
RECORD OF e CLASS

PLATFORM	 https://us04web.zoom.us/j/9671062405?pwd=ZVQ5NUhlbndRajZSS0Z1bjRFMmFoZz09
PRESENTATION	PG DISCUSSION
TOPIC	Oral Granulomatosis – Case report and Discussion
PRESENTER	Dr. SriramKaliyamurthy
DATE	15.06.2020
TIMING	11.00am – 12.00pm
FACULTY ATTENDED	Dr. Sathish Muthukumar, Dr. Nachiammai, Dr. Merlin jayaraj
PG PARTICIPANTS	7 – Dr. Beeula. A, Dr. Gowri, Dr. Krithigaa.S, Dr. Anupriya, Dr.LeoCaroline.M, Dr. Priscilla, Dr. Samyuktha



Chettinad
Dental College & Research Institute

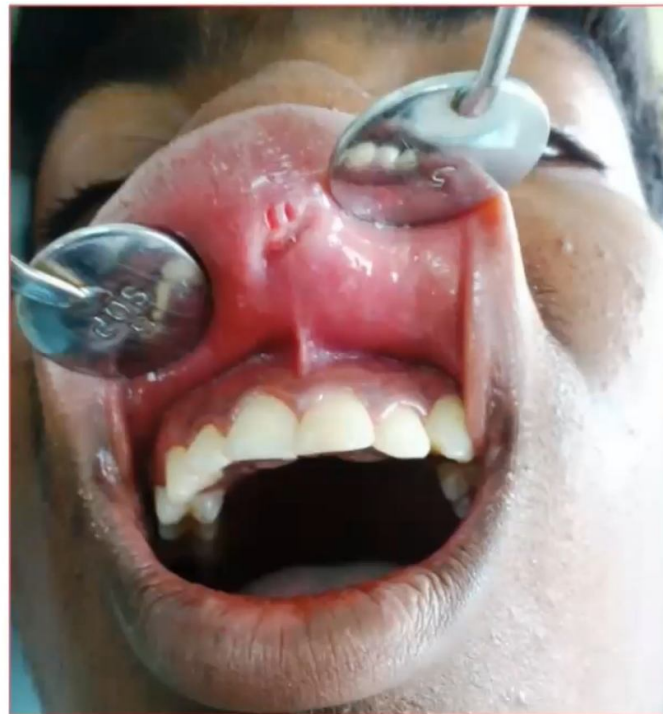
SHARED SCREEN

Oral Granulomatosis A case report and discussion

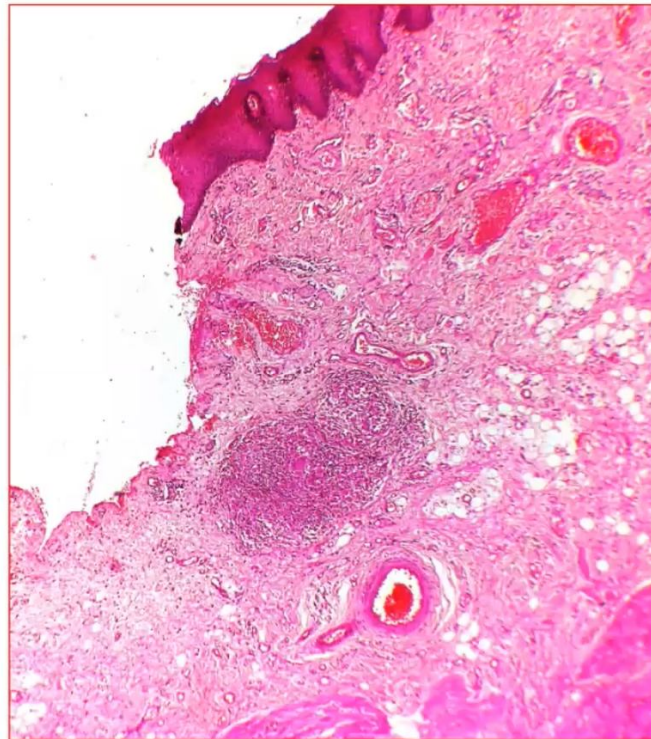
Dr. Sriram Kaliyamurthy
Associate Professor
Vinayaka Mission University



SHARED SCREEN



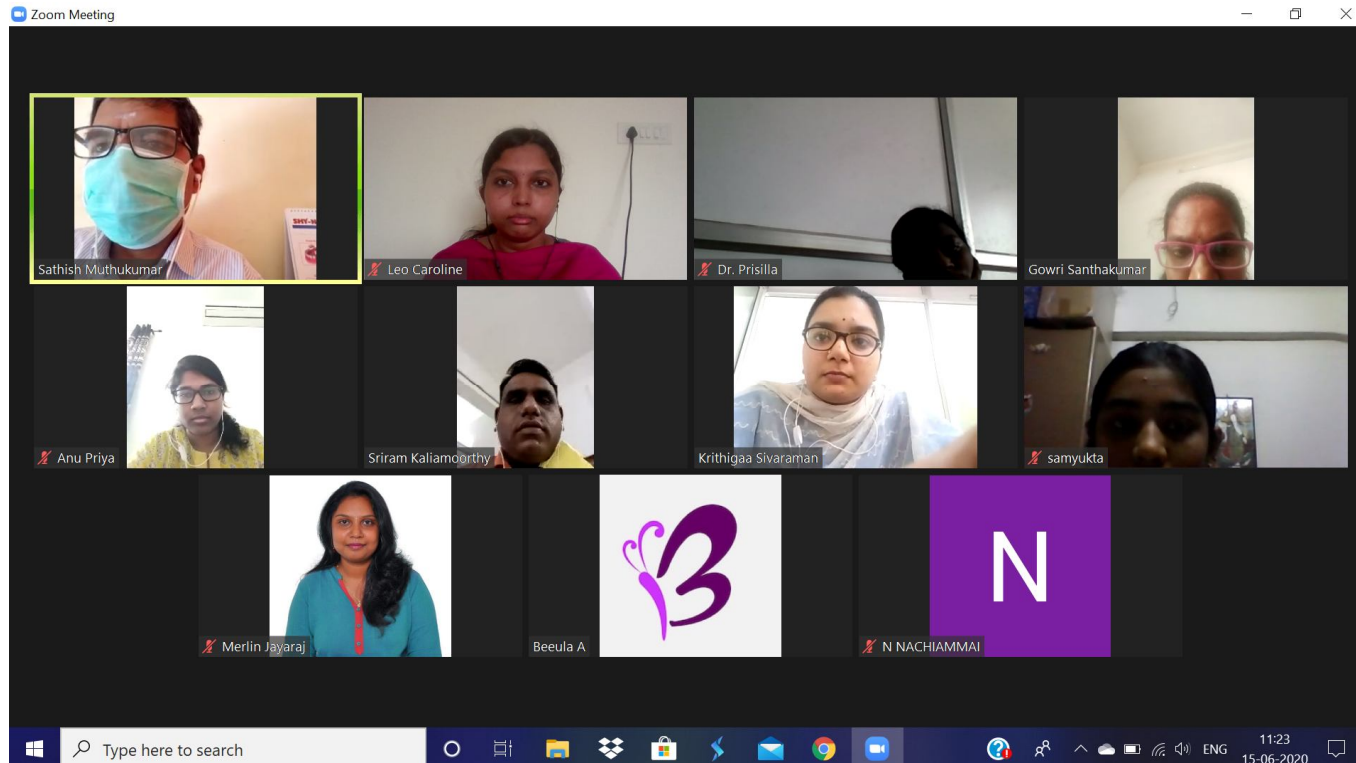
SHARED SCREEN



SCREEN SHARED

PARTICIPANTS VIDEO TILES

Zoom Meeting



Sathish Muthukumar

Leo Caroline

Dr. Prisilla

Gowri Santhakumar

Anu Priya

Sriram Kaliamoorthy

Krithigaa Sivaraman

samyukta

Merlin Jayaraj

Beeula A

N NACHIAMMAI

Type here to search

11:23
15-06-2020

SCREEN SHARED

PARTICIPANTS ATTENDANCE

Participants (11)

Find a participant

LC	Leo Caroline (Me)	 
B	Beeula A (Host)	 
S	Sriram Kaliamoorthy	 
g	Gowri Santhakumar	 
	Krithigaa Sivaraman	 
SM	Sathish Muthukumar	 
	Anu Priya	 
	Dr. Prisilla	 
	Merlin Jayaraj	 
N	N NACHIAMMAI	 
S	samyukta	 

Invite Unmute Me Raise Hand

CDCRI/OP/PG/2020/05215.06.2020

DEPARTMENT OF ORAL AND MAXILLOFACIAL PATHOLOGY AND MICROBIOLOGY
RECORD OF e CLASS

PLATFORM	 https://us04web.zoom.us/j/9622246810?pwd=WVN3SENsVUh2ZzJvRmppyEJobzMzUT09
SESSION	COVID BIOSAFETY PROTOCOLS DURING EXAM
PRESENTER	DR.JAYANTHI, DR.BEEULA
DATE	15.06.2020
TIMING	2.30-4.00PM
PG PARTICIPANTS	7 - Dr. Anupriya, Dr. Gowri, Dr. Krithigaa, Dr. Leo Caroline, Dr. Beeula, Dr. Samyuktha, Dr. Prisilla
FACULTY ATTENDED	Dr. Sreeja, Dr. Nachiammai, Dr. Merlin, Dr. Serena, Dr. Harinipriya, Dr. Sathish Muthukumar



Chettinad

Dental College & Research Institute

**DISCUSSION
SHARED SCREEN**

MINIMIZE EXPOSURE – IDA recommendations

- Post a sign at the entrance to the dental practice
- Reschedule appointments if your patients have traveled outside India in the last two weeks to an area affected by the coronavirus disease.
- Take a detailed travel and health history
- Incorporate questions about new onset of respiratory symptoms
- Take temperature readings
- Use a rubber dam
- Use high-speed evacuation
- Autoclave hand-pieces after each patient
- Have patients rinse with a 1% hydrogen peroxide solution before each appointment
- Clean and disinfect public areas frequently



Rajesh Pandiara...

Krithigaa Sivara...

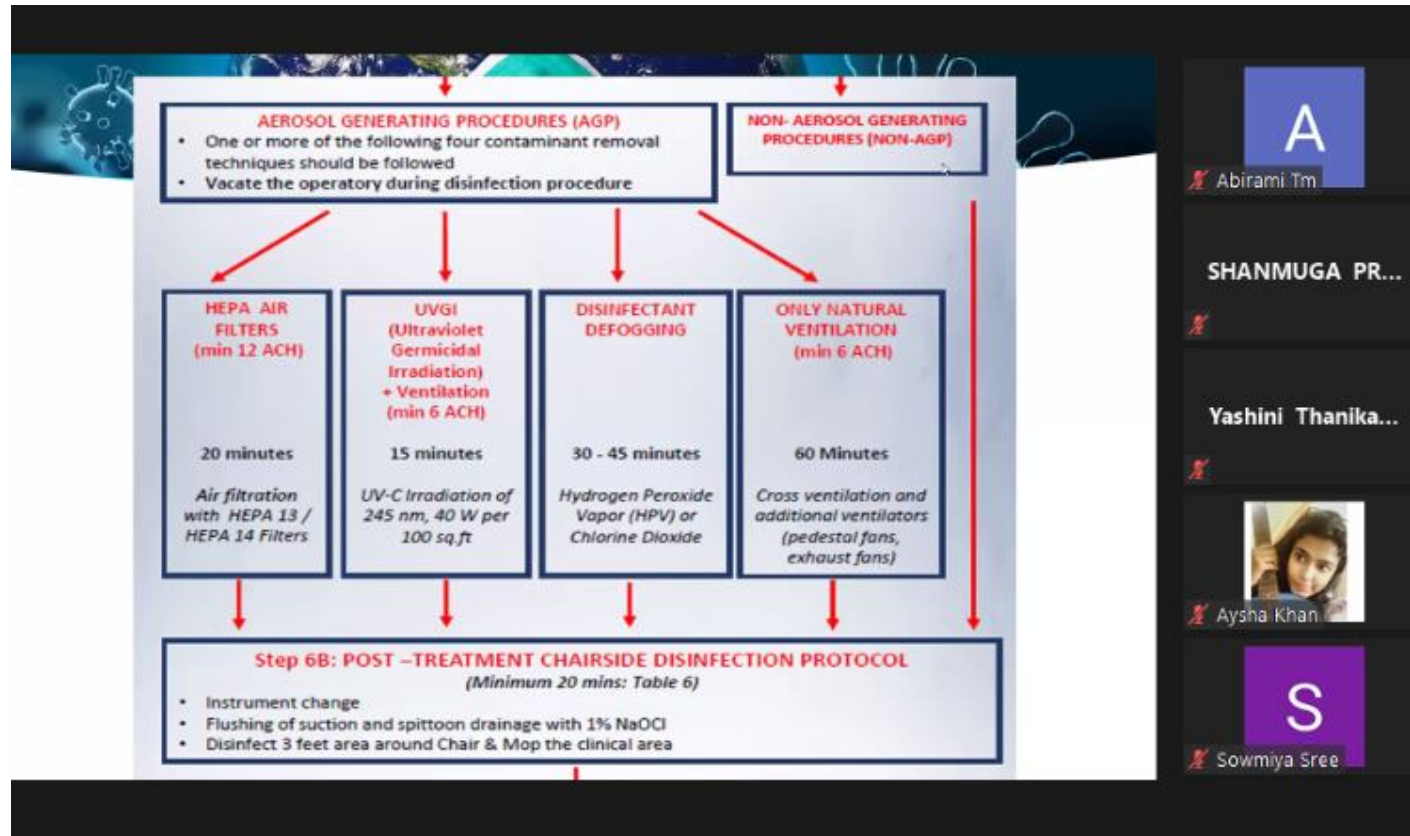
Dr. Jayanthi Kan...

sivan sathish

Christeffi Mabel



**DISCUSSION
SHARED SCREEN**





**DISCUSSION
SHARED SCREEN**

DAY BEFORE THE EXAMINATION

- Check whether the operating area is fumigated
- Check for sterilization of instruments
- Oral and electronic (through video) education on PPE to both patient and parent.

INSTRUMENTS	METHOD OF STERILIZATION
Critical instruments	Sterilization is achieved by steam under pressure (autoclaving), dry heat, or heat/chemical vapor. Critical instruments include forceps, scalpels, bone chisels, scalers and surgical burs.
Semi-critical instruments	A high-level disinfectant is registered with the U.S. Environmental Protection Agency (EPA) as a "sterilant/disinfectant" Mirrors, reusable impression trays and amalgam condensers.
Non-critical instruments	An intermediate-level disinfectant is EPA-registered as a "hospital disinfectant" External components of x-ray heads and pulse oximeters



Rajesh Pandiara...

Krithigaa Sivara...



Dr. Jayanthi Kan...



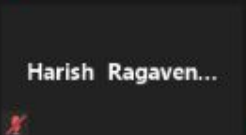
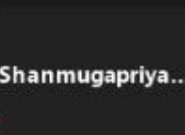
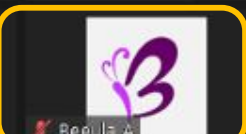
Dr. Prisilla



rameez taj

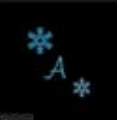
DISCUSSION

PARTICIPANTS VIDEO TILES

 Rajesh Pandiara...	 Krithigaa Sivara...	 Silviya S	 Sreeja Gobu	 Saravanakumar ...
 Asmitha Vasulur...	 naga deep	 Sathish Muthuk...	 Jessica Yolanda	 Merlin Javaraj
 Jenefer Shekina	 Gowri Santha...	 Abirami Tm	 Harish Ragaven...	 praveenraga...
 Shanmugapriya...	 Senthil Kuma...	 Dr. Jayanthi ...	 VIJAYALAKSHM...	 Christeffi Mabel
 Sowmiya Sree	 Beeula A	 M Shanmuga...	 Sadasiva Ka...	 Anitha Vijayara...

DISCUSSION

PARTICIPANTS VIDEO TILES

 Anu Priya	 Samiunnisa Begu...	 Asmitha Vasukira...	Sandhya	 Sathish Muthuk...
 N NACHIAMMAL	sivan sathish	 praveenragavan	 Sadasiva Kadan...	 Daya Srinivasan
Sophia	 Shruthi M	Akshaya S R	 Navin N	 Devi Chandrika
K Narendhiran	 Dr praktyatha Bra...	 Abirami Tm	 Anisha Suresh	 M Shanmugam
 Dr. Harini Priya	VIJAYALAKSHM...	Harish Ragaven...	Dr Serena	samyukta

DISCUSSION PARTICIPANTS ATTENDANCE

Find a participant	Find a participant	Find a participant
KS Krithigaa Sivaraman (Me)  	G Gowri Santhakumar  	 Aysha Khan  
JY Jessica Yolanda (Host)  	HK Harini Karunakaran  	B Beeula A  
SM Sathish Muthukumar  	HA Harushi Anbu  	D Daya Srinivasan  
 Sreeja Gobu  	JS Jenefer Shekina  	D Deepti  
 Asmitha Vasukiram  	 Joshua Stalin  	 Devi Chandrika  
 Merlin Jayaraj  	KN K Narendhiran  	D Dhanalakshmi  
RP Rajesh Pandiarajan  	LC Leo Caroline  	DP Divya priyal  
 Saravanakumar Subramanian  	 M Shanmugam  	D Diya  
A Abirami Tm  	MS Manonmani Subramani  	 Dr prakyaatha Brasanna Shetty  
A Acchutha Krishnan  	 Martina Allen  	 Dr semmia M  
AV Adline Vadhana  	N N NACHIAMMAI  	DS Dr Serena  
 Agila Elumalai  	 Nancy Robert  	 Dr Sridharan R  
 aishu durai  	 Navin N  	 Dr. Harini Priya  
 Anu Priya  	 praveenragavan  	DJ Dr. Jayanthi Kannappan  

CDCRI/OP/PG/2020/05216.06.2020

DEPARTMENT OF ORAL AND MAXILLOFACIAL PATHOLOGY AND MICROBIOLOGY
RECORD OF e CLASS

PLATFORM	 https://us04web.zoom.us/j/79025000552?pwd=czN0ZWk5TUUVocy9JWnovWjllQ3dQZz09
SESSION	OROFACIAL PAIN PART 3
PRESENTER	DR.SATHISH MUTHUKUMAR
DATE	16.06.2020
TIMING	9.00-10.30AM
PG PARTICIPANTS	7 - Dr. Anupriya, Dr. Gowri, Dr. Krithigaa, Dr. Beeula, Dr. Samyuktha, Dr. Leo Caroline, Dr. Prisilla



Chettinad

Dental College & Research Institute

**DR.SATHISH MUTHUKUMAR PRESENTATION
SHARED SCREEN**

TRIGEMINAL NEUROPATHIC PAIN
- ATTRIBUTED TO HERPES ZOSTER

DIAGNOSTIC CRITERIA:

A. UNILATERAL FACIAL PAIN IN TRIGEMINAL NERVE
DISTRIBUTION, LASTING <3 MONTHS

B. ONE OR MORE OF THE FOLLOWING:

1. HERPETIC ERUPTION
2. VZV IN CSF BY POLYMERASE CHAIN REACTION (PCR)
3. DIRECT IMMUNOFLOUORESCENCE ASSAY FOR VZV ANTIGEN
OR PCR ASSAY FOR VZV DNA IS POSITIVE IN CELLS



Chettinad
Dental College & Research Institute
Department of End & Maxillofacial Pathology



Dr. R. Sathish M...



Krithigaa Siv...



samyukta



Anu Priya



Leo Caroline



**DR.SATHISH MUTHUKUMAR PRESENTATION
SHARED SCREEN**

GLOSSOPHARYNGEAL NEURALGIA

SECONDARY TYPE:

- DEMONSTRATABLE UNDERLYING DISEASE
 - ✓ NECK TRAUMA
 - ✓ MULTIPLE SCLEROSIS
 - ✓ TONSILLAR OR REGIONAL TUMOURS
 - ✓ CEREBELLO-PONTINE ANGLE TUMOURS
 - ✓ ARNOLD- CHIARI MALFORMATION





DR.SATHISH MUTHUKUMAR PRESENTATION

SHARED SCREEN

AURICULOTEMPORAL SYNDROME

PATHOGENESIS

DAMAGE TO PARASYMPATHETIC FIBERS

↓
ATTEMPT TO RE-ESTABLISH
INNERVATION

FIBERS MISDIRECTED & REGENERATE
ALONG THE SYMPATHETIC NERVE PATHWAY

↓
SALIVARY STIMULATION

SWEATING, FLUSHING, WARMTH AND
OCCASIONAL PAIN IN THE PREAURICULAR AND TEMPORAL



DR.SATHISH MUTHUKUMAR PRESENTATION

PARTICIPANTS VIDEO TILES



DR.SATHISH MUTHUKUMAR PRESENTATION

PARTICIPANTS ATTENDANCE

Participants (8)

Find a participant

KS	Krithigaa Sivaram... (Host, me)		
DR	Dr. R. Sathish Muthukumar		
	Leo Caroline		
	Anu Priya		
	Beeula A		
	Dr. Prisilla		
	Gowri Santhakumar		
	samyukta		

CDCRI/OP/PG/2020/52

17.06.2020

DEPARTMENT OF ORAL AND MAXILLOFACIAL PATHOLOGY AND MICROBIOLOGY
Record of E-class

PLATFORM	 https://us04web.zoom.us/j/4702236299?pwd=QXcrRjR2WDgyWU1aVTB3WjQ2MWFrZz09
SESSION	JOURNAL – THE BASICS OF EPITHELIAL MESENCHYMAL TRANSITION
PRESENTER	Dr. S.KRITHIGAA , III MDS
DATE	17.06.2020
TIMING	1.30-3.00PM
PG PARTICIPANTS	6 - Dr. Gowri, Dr. Anupriya, Dr. Leo Caroline, Dr. Prisilla, Dr.Samyuktha, Dr.Beeula
FACULTY ATTENDED	Dr. R. Sathish Muthukumar, Dr. Sreeja, Dr.Nachiammai, Dr.Merlin Jayaraj

POST GRADUATE: DR. S.KRITHIGAA (III MDS) PRESENTATION

SHARED SCREEN

JOURNAL DISCUSSION



DR.S.KRITHIGAA
IIIYEAR MDS
DEPARTMENT OF ORAL PATHOLOGY

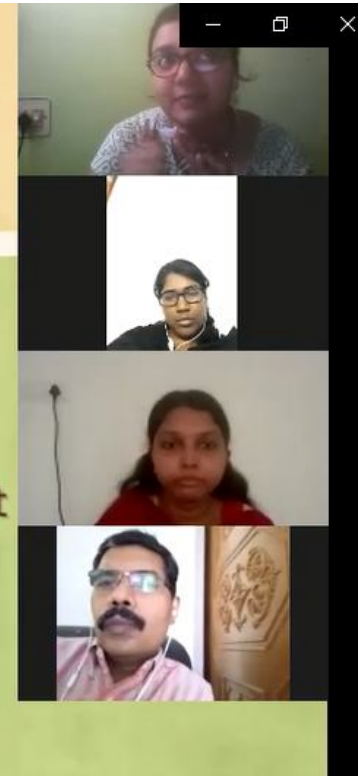
POST GRADUATE: DR. S.KRITHIGAA (III MDS) PRESENTATION

SHARED SCREEN

Classification of EMT

Into 3 biological subtypes discussed in 2007 & 2008 meeting –

- EMT during implantation, embryogenesis and organ development
- EMT associated with tissue regeneration and organ fibrosis
- EMT associated with cancer progression and metastasis



POST GRADUATE: DR. S.KRITHIGAA (III MDS) PRESENTATION

SHARED SCREEN

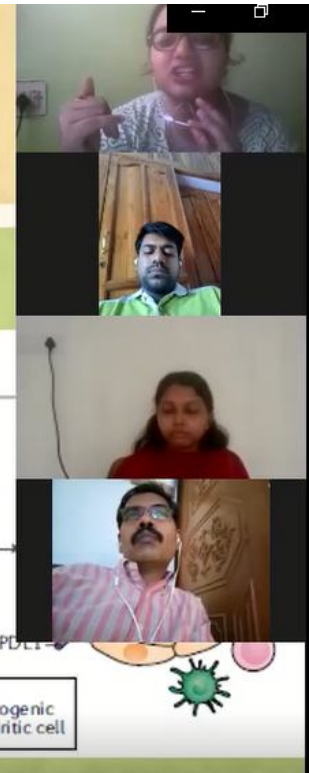
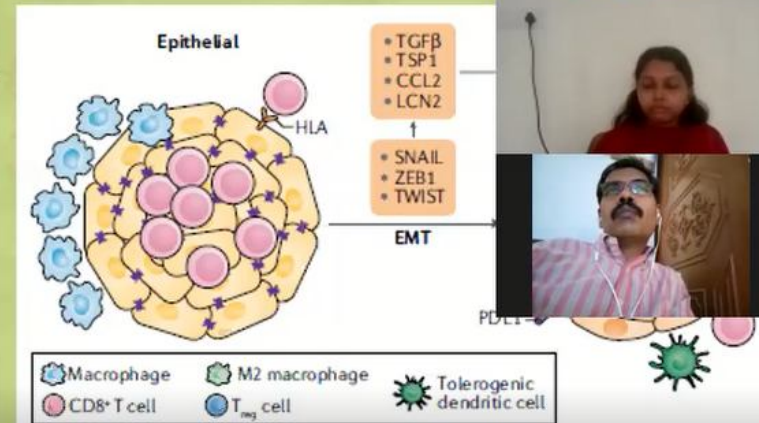
EMT & modulation of immune system

Activation of epithelial–mesenchymal transition (EMT) via ectopic induction

enables carcinoma cells to express several immunosuppressive and immuno-evasive molecules that make them resistant to cytolytic attack by CD8⁺ T cells.

induce the expression of programmed cell death 1 ligand 1 (PD-L1) and decrease the expression of MHC class I

Decreased expression of MHC molecules hampers antigen presentation to T cells

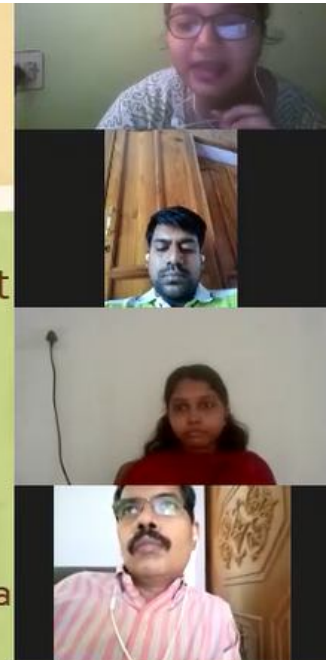


POST GRADUATE: DR. S.KRITHIGAA (III MDS) PRESENTATION

SHARED SCREEN

Therapeutic intervention for EMT

- The stem cell features acquired in EMT processes are an important focus of therapeutic intervention
- Basic strategy involves
 - Reestablishment of the epithelial state
 - Loss of stem-like properties
 - Stimulate molecules involved in the maintenance of cell adhesion, polarity and the interaction with the basal membrane
- 2 major pathways involved - NF- κ B and PI3K-AKT
 - Disruption of these paracrine and autocrine signaling pathways can induce a more differentiated and susceptible to therapy epithelial state.



POST GRADUATE: DR. S.KRITHIGAA (III MDS) PRESENTATION

PARTICIPANTS VIDEO TILES



POST GRADUATE: DR. S.KRITHIGAA (III MDS) PRESENTATION

PARTICIPANTS ATTENDANCE

Participants (12)

Find a participant

	Krithigaa Sivaram... (Host, me)  
	N NACHIAMMAI  
	Sathish Muthukumar  
	Praveen R  
	Anu Priya  
	Beeula A  
	Gowri Santhakumar  
	Leo Caroline  
	Merlin Jayaraj  
	Rebecca Joseph  
	samyukta  
	Sreeja Gobu  

CDCRI/OP/2020/052

20.06.2020

DEPARTMENT OF ORAL PATHOLOGY AND MICROBIOLOGY

RECORD OF e CLASS

PLATFORM	 https://us04web.zoom.us/j/74012672363?pwd=emk2eGlJTzNoUGFsLzRWbINPcHdKZz09
SESSION	JOURNAL DISCUSSION- " COVID-19 PANDEMIC- IMPLICATIONS FOR THE CYTOLOGY LAB"
PRESENTING PG	DR.S. SAMYUKTA
FACULTY ATTENDED	DR.SATHISH MUTHUKUMAR, DR.NACHIAMMAI, DR.SERENA, DR.MERLIN, DR.HARINI PRIYA
DATE	20.06.2020
TIMING	1.30PM-2.45PM
PG PARTICPANTS	6 - DR.ANUPRIYA, DR.S.KRITHIGAA, DR.GOWRI, DR.LEO CAROLINE, DR.BEEULA, DR.PRISILLA



Chettinad

Dental College & Research Institute

**DR.S. SAMYUKTA PRESENTATION
SHARED SCREEN**

ARTICLE

Journal of the American Society of Cytopathology (2020) 9, 202–211



Available online at www.sciencedirect.com

ScienceDirect

journal homepage: www.jascyto.org/



COMMUNICATION

The COVID-19 pandemic: implications for the cytology laboratory

Stefan E. Pambuccian, MD, MIAC*

Department of Pathology and Laboratory Medicine, Loyola University Medical Center, Maywood, Illinois



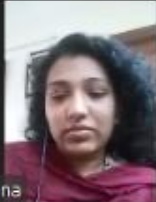
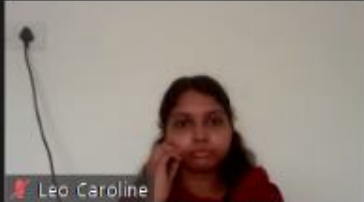
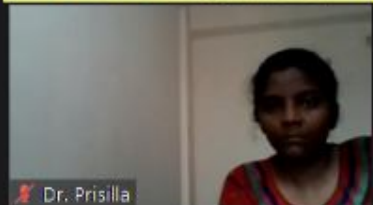


**DR.S. SAMYUKTA PRESENTATION
SHARED SCREEN**

LABORATORY LEVEL PREVENTION

- Working in shifts
- Staggered meal breaks to avoid contact
- Study in Singapore suggests that personnel must record their temperature twice a day, though its feasibility is debatable
- Self quarantine / visit a physician in case of any symptoms similar to COVID-19

**DR.S. SAMYUKTA PRESENTATION
PARTICIPANT VIDEO TILE**

 Dr. Harini Priya	 Krithigaa Sivaraman	 Dr. Serena	 Leo Caroline
 Sathish Muthukumar	 steffy Selastin	 Sivandhini Sadasivam	 Monisha Durairaj
 Dr. Prisilla	 Beeula A	 N NACHIAMMAL	 Anu Priya
 Gowri Santhakumar	 samyukta srinivasan	 Merlin Jayaraj	



DR.S. SAMYUKTA PRESENTATION PARTICIPANT ATTENDANCE

Find a participant

KS	Krithigaa Sivaraman (Host, me)		
S	samyukta srinivasan		
SM	Sathish Muthukumar		
	Anu Priya		
	Beeula A		
DS	Dr Serena		
	Dr. Harini Priya		
	Dr. Prisilla		
G	Gowri Santhakumar		
LC	Leo Caroline		
	Merlin Jayaraj		
	Monisha Durairaj		
N	N NACHIAMMAI		
	steffy Selas;In		
	Sivandhini Sadasivam		