

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: 29.06.2020 to 4.07.2020

CIRCULAR NO	DATE	TIMING	TOPIC - PRESENTER	PRESENTEE-FACULTY /PG	FACULTY PRESENT	NO OF POST GRADUATES ATTENDED
CDCRI/OP/PG/2020/054	29.06.2020	8.30-10.30AM	APTHOUS ULCER & BECHETS SYNDROME	DR.SREEJA	Dr. R. Sathish Muthukumar, Dr. Nachiammai	5
CDCRI/OP/PG/2020/054	29.06.2020	2.00-3.30PM	CONNECTIVE TISSUE PATHOLOGY	DR.YAMUNA DEVI	Dr. R. Sathish Muthukumar, Dr. Nachiammai, Dr. Sreeja, Dr. Serena, Dr. Harini, Dr. Merlin	7
CDCRI/OP/PG/2020/054	1.07.2020	2.20-3.45 pm	MALIGNANT MELANOMA	DR.SKRITHIGAA	Dr. R. Sathish Muthukumar, Dr. Nachiammai, Dr. Sreeja, Dr. Serena, Dr. Harini, Dr. Merlin	6
CDCRI/OP/PG/2020/054	2.07.2020	1.30-3.00pm	LIGHT MICROSCOPE	DR.LEO CAROLINE	Dr. R. Sathish Muthukumar, Dr. Nachiammai, Dr. Sreeja, Dr. Serena, Dr. Harini, Dr. Merlin	6
CDCRI/OP/PG/2020/054	3.07.2020	1.30-3.00PM	THESIS PRESENTATION	DR.BEEULA	Dr. R. Sathish Muthukumar, Dr. Nachiammai, Dr. Sreeja, Dr. Serena, Dr. Harini, Dr. Merlin	6



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CDCRI/OP/PG/2020/054	4.07.2020	8.30-10.30AM	REITER'S SYNDROME & SARCOIDOSIS	DR.SREEJA	Nil	5
CDCRI/OP/PG/2020/054	4.07.2020	1.30-3.00PM	THESIS PRESENTATION	DR.GOWRI	Dr. R. Sathish Muthukumar, Dr. Nachiammai, Dr. Sreeja, Dr. Serena, Dr. Harini, Dr. Merlin	6

CDCRI/OP/2020/54

29.06.2020

DEPARTMENT OF ORAL PATHOLOGY AND MICROBIOLOGY

RECORD OF e CLASS

PLATFORM	 https://us04web.zoom.us/j/74235119448?pwd=ZGhzbFo0NDM1SzdQUVZBdWU2WUJCQT09
SESSION	WEBINAR – APTHOUS ULCER & BECHETS SYNDROME
PRESENTING FACULTY	DR. SREEJA
FACULTY ATTENDED	DR.SATHISH MUTHUKUMAR, DR.NACHIAMA I
DATE	29.06.2020
TIMING	08.30 to 10.30AM
PG PARTICPANTS	6 - DR.ANUPRIYA, DR.S.KRITHIGAA,DR.LEO CAROLINE, DR.PRISILLA, DR.SAMYUKTHA, DR.GOWRI



FACULTY: DR. SREEJA PRESENTATION
SHARED SCREEN

9. Differential diagnosis

- Herpes ulcer
- Erosive lichen planus
- Traumatic ulcer
- Pemphigus vulgaris
- Cicatrical pemphigoid
- Neutropenia ulcer
- Crohns disease





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**FACULTY: DR. SREEJA PRESENTATION
SHARED SCREEN**

A 12-year-old boy had recurrent oral ulcer and gingival necrosis accompanied with fever, pharyngalgia and painful neck lymph nodes since six months of age. Laboratory examinations revealed an oscillation of peripheral blood neutrophils from normal to severely low levels, with 21-day periodicity. A mutation in exon 4 of neutrophil elastase 2 (ELA2) was identified





FACULTY: DR. SREEJA PRESENTATION
SHARED SCREEN

Apthous Vs Traumatic



If > 10 days

Site → Anywhere

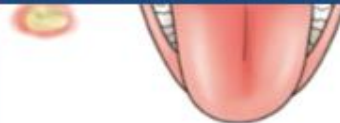
Causative factors → Sharp tooth cusp, broken restoration

Size → Not specific

Shape → "

Number → Single

Periphery → White, Hyperkeratinized



Aphthous = 'Ulcer'

Duration → 7-10 days

Site → Non-keratinized mucosa
(Labial & buccal mucosa, floor of mouth, ventral & lat. surface of tongue)

Size → < 1cm.

Shape → Round/oval

Number → Multiple

Periphery → Erythematous





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FACULTY: DR. SREEJA PRESENTATION
SHARED SCREEN

10. Treatment

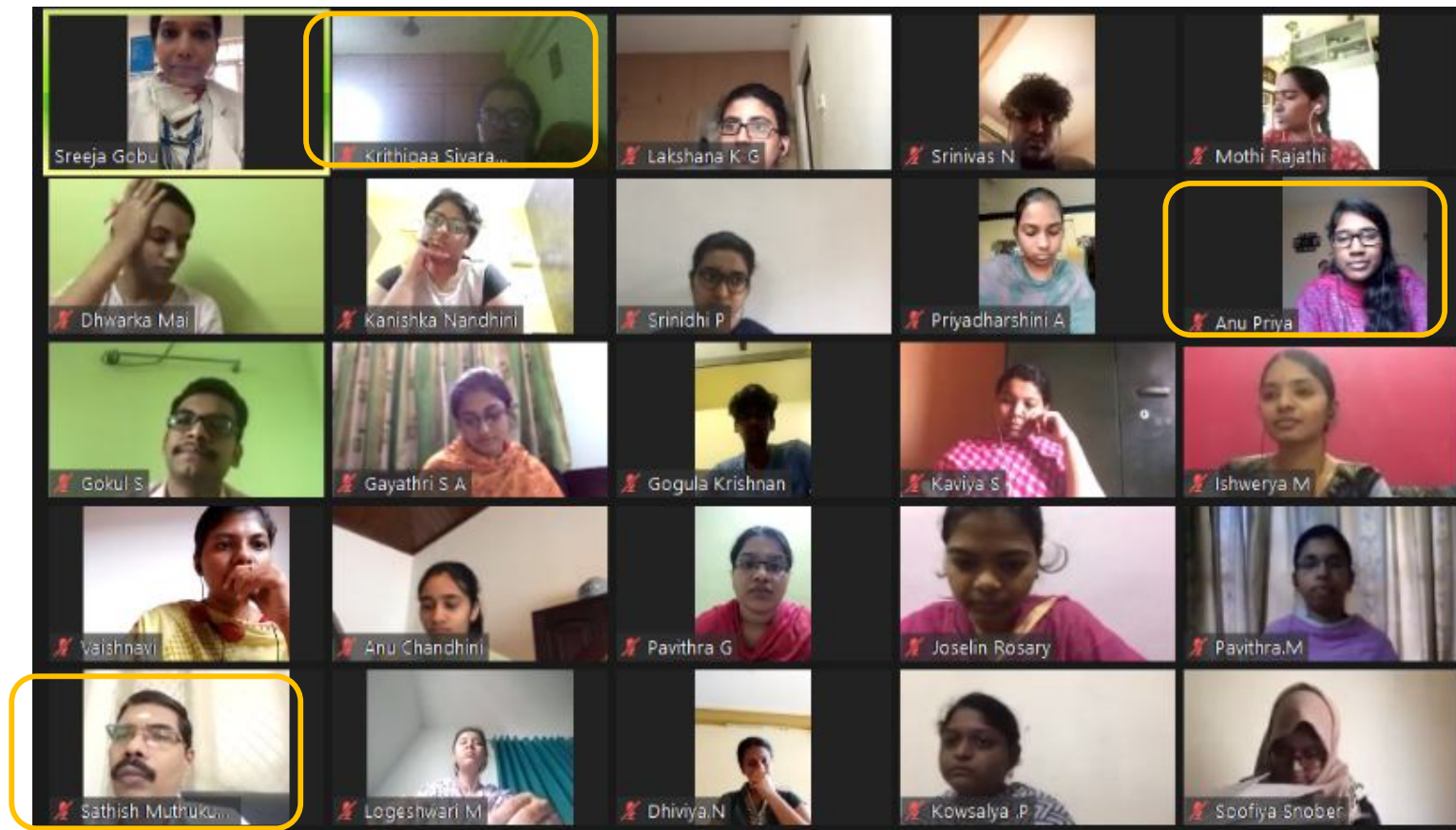
- TOPICAL AND SYSTEMIC STEROIDS
- IMMUNO MODULATOR DRUGS
- TETRACYCLINE MOUTH WASH
- LASER





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**FACULTY: DR. SREEJA PRESENTATION
PG PARTICIPANT VIDEO TILE**





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**FACULTY: DR. SREEJA PRESENTATION
PG PARTICIPANT VIDEO TILE**

 Nithyasri.B.R.	 Dr. Prisilla	 Niveditha R.	 GAYATHRI. N.	 Ramasamy Nara...
 Anusha Naidu	 vigkesh sudars...	 Supriya Sri Laksh...	 Dhwarka Ma...	 Aateef Ahmed
 Mathanarajan A.	 Akshaya B.	 Lee Caroline	 Dhiviya.N.	 Vaishali T.
 Sona Sri	 Srivishnu Janakir...	 Mahesh Mahesh	 Devadarshini	 Joselin Rosary
 N NACHIAMMAL	 Mahamudha. A.	 Sathish Muthuk...	 samyukta sriniva...	 Gowri Santhaku...

**FACULTY: DR. SREEJA PRESENTATION
PG PARTICIPANT ATTENDANCE**

Find a participant	Find a participant	Find a participant
KS Krithigaa Sivaraman (Host, me)  	LV LaUreL VijiTha  	H Ramasamy Narayanan  
 Sreeja Gobu  	LC Leo Caroline  	 Rohithchandru K  
AB Akshaya B  	 Logeshwari M  	S S.Santhini  
AS Akshaya S  	 Mahamudha. A  	SM SAHANASHREE M  
AM Amira Moosa  	MT Manigandan T  	 Sakthi Mani Murugan P  
AS AnuDharshini Sekar  	 mathan rajan  	S samyukta srinivasan  
 Anu Priya  	MR Mothi Rajathi  	SM Sathish Muthukumar  
 Bency Joseph Raj  	N N NACHIAMMAI  	SS Savitha S  
P Chithaluru Pranathi  	NN Nandini Nagarajan  	 Shree devi Elangovan  
 Dhwarka Mai  	 Narendhar Sreedharan  	 Sirpika Arunachalam  
 Dr. Prisilla  	N Nithyasri.B.R  	SS Sneha S  
IM Ishwerya M  	NR Niveditha R  	SS Sona Sri  
 Joselin Rosary  	 Pavithra G  	SS Soofiya Snober  
		SP Srinidhi P  

CDCRI/OP/2020/054

29.06.2020

DEPARTMENT OF ORAL PATHOLOGY AND MICROBIOLOGY

RECORD OF e CLASS

PLATFORM	 https://us04web.zoom.us/j/72239555398?pwd=Z0VjeU02eWpuVII4TlNWZlZVbTloUT09
SESSION	WEBINAR – GUEST LECTURE – CONNECTIVE TISSUE PATHOLOGY
PRESENTING PG	DR.YAMUNA DEVI
FACULTY ATTENDED	DR.SATHISH MUTHUKUMAR, DR.SREEJA, DR.NACHIAMMAI, DR.SERENA, DR.MERLIN, DR.HARINI PRIYA
DATE	29.06.2020
TIMING	2.00-3.30PM
PG PARTICPANTS	7 - DR.ANUPRIYA, DR.S.KRITHIGAA, DR.GOWRI, DR.LEO CAROLINE, DR.BEEULA, DR.PRISILLA, DR.SAMYUKTHA



**DR.YAMUNA DEVI PRESENTATION
SHARED SCREEN**

TABLE 1.3 Definitions of Grading Parameters for the FNCLCC System

Parameter	Criterion
Tumor Differentiation	
Score 1	Sarcoma closely resembling normal adult mesenchymal tissue (e.g., well-differentiated liposarcoma)
Score 2	Sarcomas for which histologic typing is certain (e.g., myxoid liposarcoma)
Score 3	Embryonal and undifferentiated sarcomas, synovial sarcomas, sarcoma of uncertain type
Mitotic Count	
Score 1	0-9/10 hpf*
Score 2	10-19/10 hpf
Score 3	≥20/10 hpf
Tumor Necrosis (Microscopic)	
Score 0	No necrosis
Score 1	<50% tumor necrosis
Score 2	≥50% tumor necrosis
Histologic Grade	
Grade 1	Total score 2, 3
Grade 2	Total score 4, 5
Grade 3	Total score 6, 7, 8

*A high-power field (hpf) measures 0.1734 mm².

FNCLCC, Fédération Nationale de Centres de Lutte Contre le Cancer (French Federation of Cancer Centers Sarcoma Group).

Modified from Coindre JM, Trojani M, Contesso G, et al. Reproducibility of a histopathologic grading system for adult soft tissue sarcomas. Cancer 1986;58(2):306.





**DR.YAMUNA DEVI PRESENTATION
SHARED SCREEN**

Table 1
Summary of WHO Classification of Soft Tissue Tumors of the Neck

Histologic Type	Benign	Intermediate, Locally Aggressive	Intermediate, Rarely Metastasizing	Malignant
Adipocytic	Lipoma and its variants (lipoblastoma, hibernoma, lipomatosis)	Atypical lipomatous tumor, well-differentiated liposarcoma	...	Liposarcoma
Fibroblastic/ myofibroblastic	Fibromatosis colli, myofibroma, giant cell angiofibroma	Desmoid-type fibromatosis	Solitary fibrous tumor, hemangiopericytoma, inflammatory myofibroblastic tumor (inflammatory pseudotumor)	Fibrosarcoma
So-called fibrohistiocytic	Benign fibrous histiocytoma, diffuse-type giant cell tumor (pigmented villonodular synovitis)	...	Giant cell tumor of soft tissues	Malignant fibrous histiocytoma (undifferentiated pleomorphic sarcoma)
Skeletal muscle	Rhabdomyoma	...	...	Rhabdomyosarcoma
Smooth muscle	Leiomyoma, angioleiomyoma	...	...	Leiomyosarcoma
Vascular	Hemangioma, lymphangioma	Kaposiform hemangioendothelioma	Kaposi sarcoma	Angiosarcoma
Perivascular	Glomus tumor, myopericytoma	...	...	Malignant glomus tumor
Chondro-osseous	Soft tissue chondroma	...	...	Mesenchymal chondrosarcoma, extraskeletal osteosarcoma
Uncertain differentiation	Myxoma	...	Ossifying fibromyxoid tumor	Synovial sarcoma, alveolar soft part sarcoma, primitive neuroectodermal tumor, Ewing sarcoma



Dr. Harini Priya



Krithigaa Sivaraman



Sathish Muthukumar



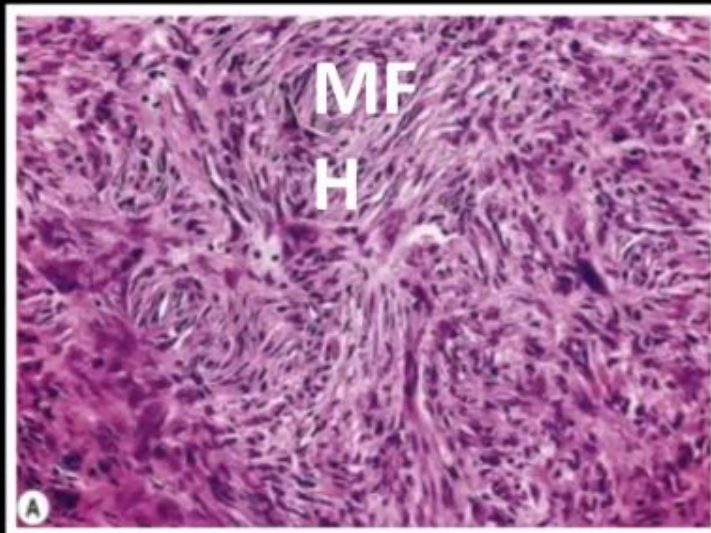
Yamuna Devi



Sreeja Gobu



**DR.YAMUNA DEVI PRESENTATION
SHARED SCREEN**



Dr Yamuna Devi MDS., Soft tissue
pathology

58



**DR.YAMUNA DEVI PRESENTATION
PARTICIPANT VIDEO TILE**

 N NACHIAMMAL	 Krithigaa Sivaraman	 Sathish Muthukumar	 Anu Priya
 Leo Caroline	 Yamuna Devi	 Gowri Santhakumar	 Sreeja Gobu
 samyukta srinivasan	 Merlin Jayaraj	 Beeula A	 Dr. Prisilla
	 Dr. Harini Priya	 Serena francis	



DR.YAMUNA DEVI PRESENTATION PARTICIPANT ATTENDANCE

Find a participant

KS	Krithigaa Sivaraman (Me)		
YD	Yamuna Devi (Host)		
N	N NACHIAMMAI		
SM	Sathish Muthukumar		
	Sreeja Gobu		
	Anu Priya		
	Beeula A		
	Dr. Harini Priya		
	Dr. Prisilla		
G	Gowri Santhakumar		
LC	Leo Caroline		
	Merlin Jayaraj		
S	samyukta srinivasan		
	Serena francis		

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1.07.2020

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

PLATFORM	 https://us04web.zoom.us/j/4702236299?pwd=QXcrRjR2WDgyWU1aVTB3WjQ2MWFrdz09
SESSION	SEMINAR – MALIGNANT MELANOMA
PRESENTER	Dr. S.KRITHIGAA , III MDS
DATE	1.07.2020
TIMING	2.00-4.00PM
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, Dr.Harini, Dr.Serena

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

SHARED SCREEN



The image shows a Zoom video conference in progress. The main screen displays a presentation slide with a dark green background and white text. The slide title is "Malignant Melanoma". Below the title, the presenter's name "Dr.S.Krithigaa" is listed, followed by "III YEAR MDS" and "DEPARTMENT OF ORAL PATHOLOGY". In the top left corner of the slide, there is a small Chettinad Dental College & Research Institute logo and text. A Zoom status bar at the top of the screen indicates "You are screen sharing" with a "Stop Share" button. On the right side of the screen, there is a vertical stack of four video thumbnails showing participants: Krithigaa Sivaraman, Sathish Muthukumar, Gowri Santhakumar, and Anupriya D.

You are screen sharing Stop Share

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Dental College & Research Institute
Department of Oral & Maxillofacial Pathology

Malignant Melanoma

Dr.S.Krithigaa
III YEAR MDS
DEPARTMENT OF ORAL PATHOLOGY

Krithigaa Sivaraman
Sathish Muthukumar
Gowri Santhakumar
Anupriya D.

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

SHARED SCREEN

GROWTH OF MELANOMA

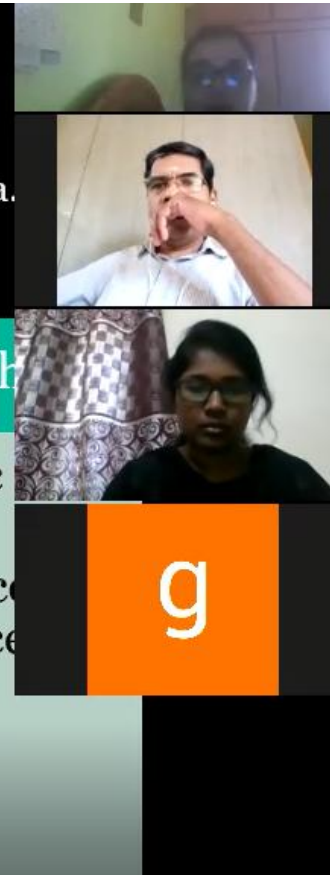
- In 1975, Clark developed a concept on the developmental biology of melanoma.
- 2 phases of growth -

Radial phase growth

- Initial phase of growth confined to epidermis
- Neoplastic cells are shed within the epidermis
- Some cells may penetrate the basement membrane but they are destroyed by host immune response

Vertical phase growth

- Begins when neoplastic cells penetrate into dermis
- Increased virulence of cells reduces the host defence mechanism
- Metastasis is possible



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

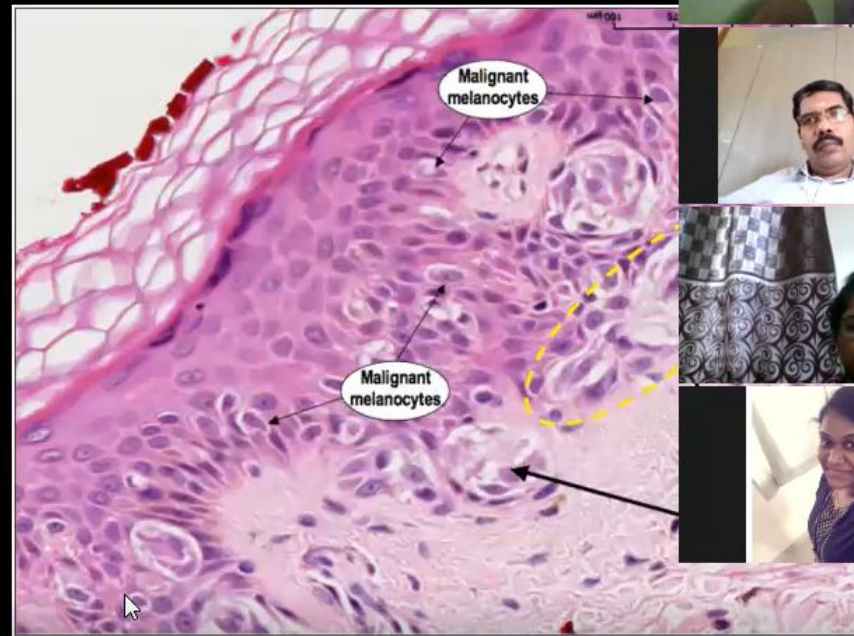
SHARED SCREEN

HISTOLOGY

- characterized by asymmetry, poor circumscription, and lack of maturation
- Single cell pagetoid spread of atypical melanocytes throughout the layers of the epidermis confers an appearance that resembles buckshot scatter

CYTOLOGICALLY

- melanocytes have Epithelioid morphology, with large brown nuclei, prominent eosinophilic nucleoli, and ample cytoplasm filled with fine melanin granules.
- Dyshesion of nests is a common feature (discohesive single cell growth)

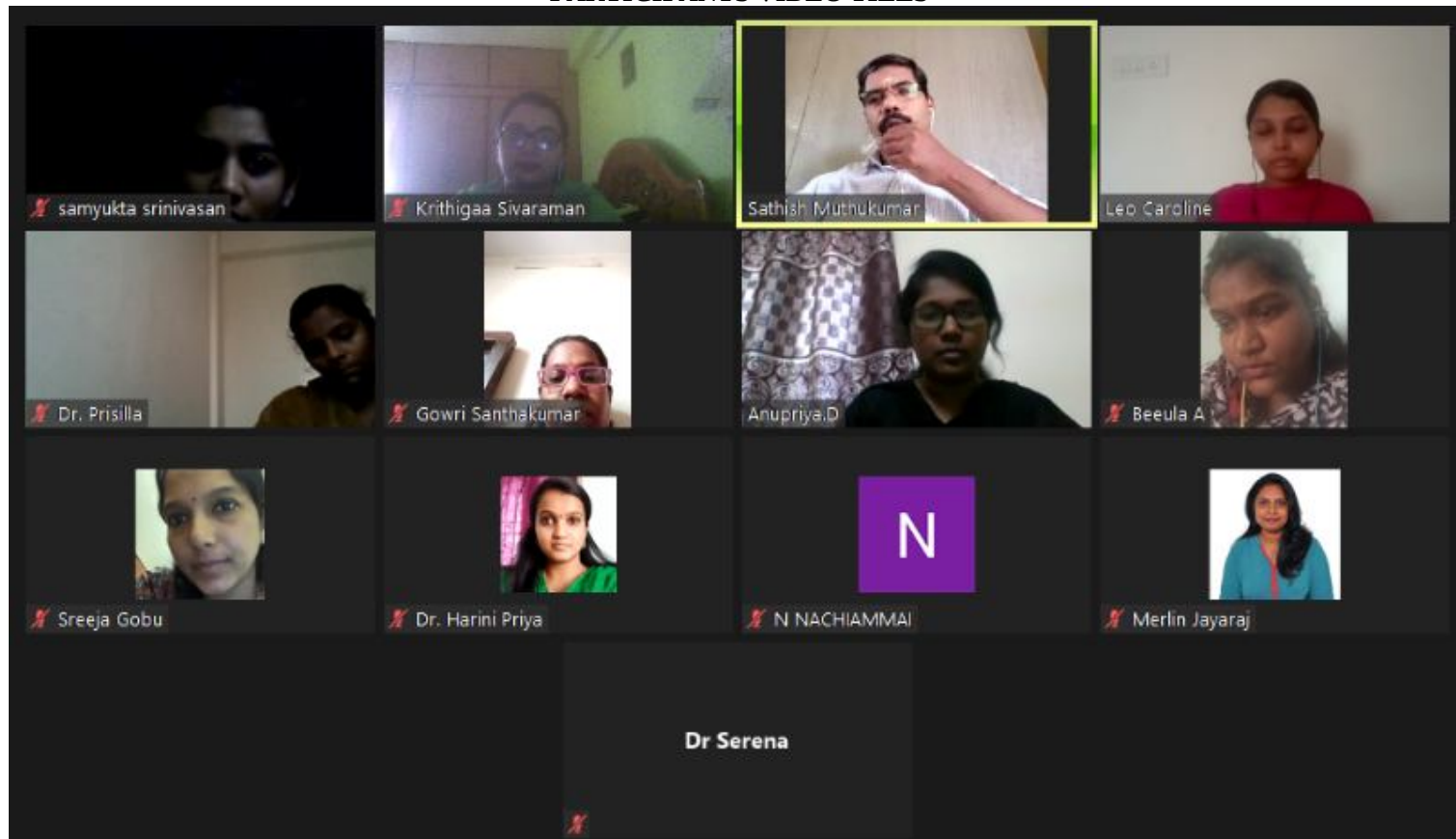


Buckshot



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

PARTICIPANTS VIDEO TILES



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

PARTICIPANTS ATTENDANCE

Find a participant

	Krithigaa Sivaraman (Host, me)	 
	Sathish Muthukumar	 
	Anupriya.D	 
	Leo Caroline	 
	Beeula A	 
	Dr Serena	 
	Dr. Harini Priya	 
	Dr. Prisilla	 
	Gowri Santhakumar	 
	Merlin Jayaraj	 
	N NACHIAMMAI	 
	samyukta srinivasan	 
	Sreeja Gobu	 

CDCRI/OP/2020/024

2.07.2020

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

PLATFORM	 https://us04web.zoom.us/j/79144145289?pwd=cGQ1NTBsMkpORzFuWWlUQ3k4Y1lTQT09
PRESENTATION	SEMINAR
TOPIC	LIGHT MICROSCOPE
PRESENTER	Dr. LEO CAROLINE.M
DATE	2.07.2020
TIMING	1.30 pm to 3.00pm
FACULTY ATTENDED	Dr. R. Sathish Muthukumar, Dr.N.Nachiammai, Dr.Sreeja, Dr.Merlin Jayaraj, Dr. Serena Francis, Dr. Harini priya
PG PARTICIPANTS	6 Nos - Dr.Beeula, Dr. Krithigaa, Dr. Anupriya, Dr.Gowri, Dr. Priscilla, Dr.Samyuktha



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

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LIGHT MICROSCOPE

Dr. Leo Caroline.M
2nd year MDS
Department of oral patholog
02-07-2020

A video call interface with four participants in a grid on the right side. The main screen shows a presentation slide with a starry space background. The participants are: Leo Caroline (top), Dr. Prisilla (second row, left), Anupriya.D (second row, right), and Sathish Muthukumar (bottom).

Leo Caroline

Dr. Prisilla

Anupriya.D

Sathish Muthukumar

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

SHARED SCREEN

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1. Reflection of light

- The light ray travelling in one medium when strikes on a surface it returns to the same medium.
- Angle of incident ray = i
- Angle of reflected ray = r

Laws of reflection

- I. Both the incident ray and the reflected ray and the normal should lie in the same plane.
The point is called as point of incidence (P)
- II. The angle of incidence (i) = angle of reflection(r)

