



**GOVERNMENT DENTAL COLLEGE AND
HOSPITAL, AHMEDABAD.**



During Lockdown from March 2020, all the offline classes were suspended to follow COVID protocols.

To enable students to continue education, ONLINE lectures were organised.

The screenshot shows a Cisco Webex Meeting interface. At the top, the title bar reads "Cisco Webex Meetings" with standard window controls. Below the title bar is a menu with "File", "Edit", "Share", "View", "Audio", "Participant", "Meeting", and "Help". On the right, it says "Connected" with a green dot. The main area displays a video conference with four participants: "himalishah06", "Himali Shah", "Dr Jigna Shah", and "drshilpaiparikh". A fifth participant, "Harmi Patel", is also visible. A presentation slide is being shared, titled "CONTRAST AGENTS IN DENTAL PRACTICE". The slide content includes:
Presented by
Himali Shah
PG part 1
29-5-2020
Guided by
Dr Jigna S Shah
Professor & Head
At the bottom of the slide, it reads "Oral Medicine & Radiology Department, GDCH, Ahmedabad". The Webex control bar at the bottom of the slide contains icons for mute, video, chat, and other functions. The Windows taskbar at the very bottom shows the time as 11:05 AM on 5/29/2020.



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Cisco Webex Meetings

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Viewing mathumathi's appli...

Diagnostic characteristics	
Traditional biomarkers	
anti-SS-A/Ro, anti-SS-B/La	not specific for SS, occurs in other autoimmune disorders, particularly SLE
antinuclear antibody (ANA)	just 7-14% present in approximately two-thirds of S patients
hematoid factor (RF)	found in many rheumatic conditions but is not unique to SS
Novel biomarkers/ autoantibodies	
olivary protein-1 (SP-1)	greatest sensitivity and specificity for early SS
carbonic dehydrase VI (CA-6)	expressed very early in the course of SS; observed only in RA or normal controls
avid secretory protein (PSP)	expressed early in SS, observed rarely in RA or

Dr Jigna Shah

mathumathi

drshilpajparikh

Dr Jigna Shah

hitaarthikubavat16

Harmi Patel

himalishah06

jayadubey

mayurrathod1211

11:41 AM 5/5/2020

Hangouts Video Call - Google Chrome

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TOPICAL CORTICOSTEROIDS IN DENTISTRY

Prepared by :
Dr. JAYA DUBEY
Pg. part 1
20/04/2020

GUIDED BY :
DR. JIGNA SHAH
PROFESSOR & HEAD OF DEPARTMENT

Dr. Piyu... Harmi Hitarthi Jaya Jigna Mathu Parmar Shilpa yogesh You

Type here to search

11:48 20-04-2020



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Connected

FORMULA	MOLECULE	IODINE/MOL	CLASS
NON-IONIC		6/1	6
		3/1	3
		6/2	3
IONIC		3/2	1.5

Contrast agent Ratio
Number of iodine atoms / Number of particles in solution

- The higher osmolality agents have more particles per iodine atom and therefore have lower ratios.
- To have an efficacious contrast on X-ray, the concentration of iodine in the solution is recommended to be above 300 mg I/ml.

Fig. 1.1. Classification of iodine-based contrast agents

Aspelin P, Beilin MF, Webb JA. Classification and terminology. In: Contrast Media 2009 (pp. 3-9). Springer, Berlin, Heidelberg

himalishah06

himalishah06

Dr Jigna Shah

HS

Himali Shah

jayadubey

Nutan

drshripajparikh

HP

Harmi Patel

M

Mathu Mathi

11:10 AM 5/29/2020

Hangouts Video Call - Google Chrome

hangouts.google.com/call/PWUYI-Mbz0EkKa02ddmAEEM

- The mucosa lining the oral cavity is affected by many inflammatory, atrophic and ulcerative conditions for which topical steroids are an appropriate treatment. The physical environment of the mouth creates unique problems in drug delivery.
- factors** that contribute in difficulties of maintaining long term contact of effective concentrations of topical corticosteroids to oral mucosa are-
 1. Moist environment
 2. Mouth breathing
 3. Temperature gradient
 4. Physical trauma
 5. Constant activity of facial, oral and oropharyngeal musculature
 6. Marked difference in soft tissue mobility

Piyu

Bhargavi

Malaya

Jigna

Mathu

Permar

Shilpa

Rogesh

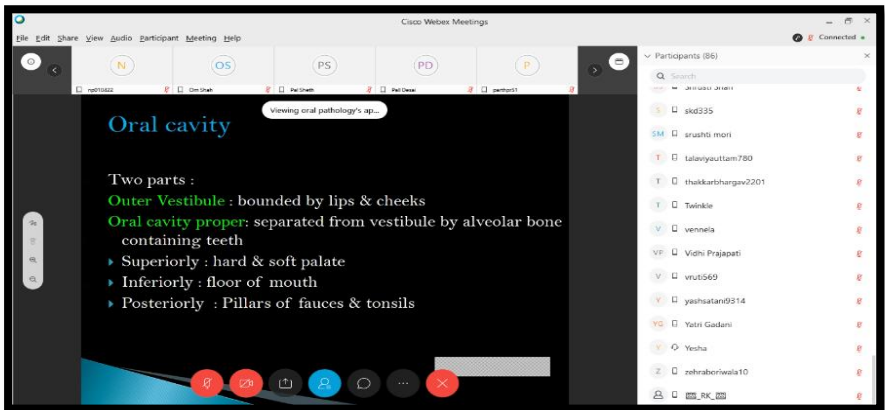
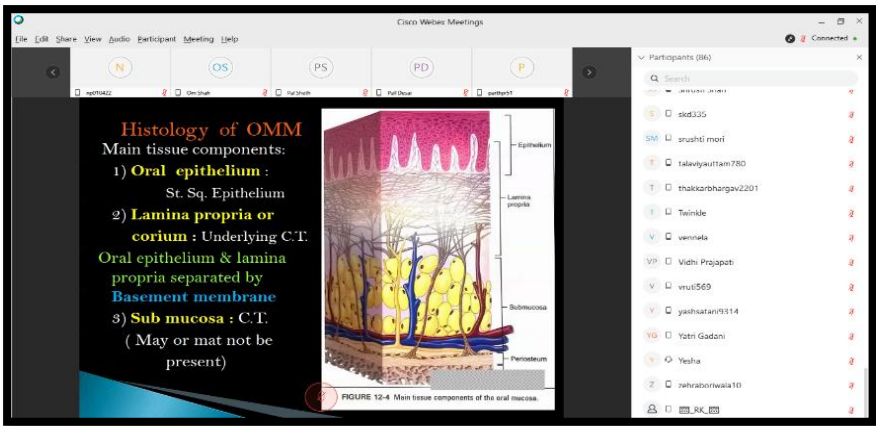
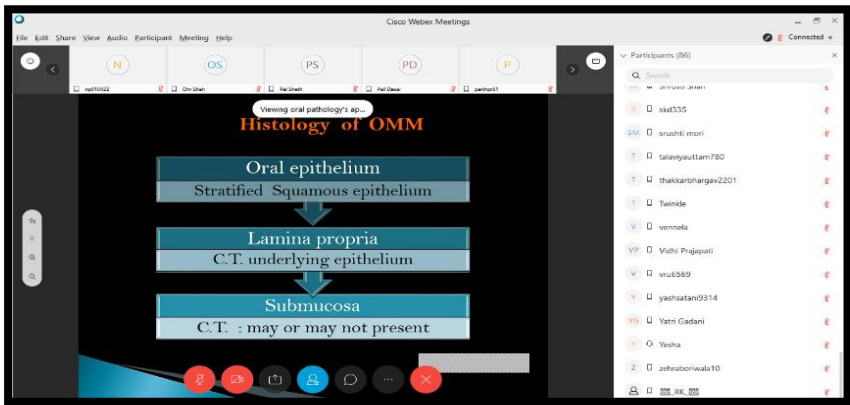
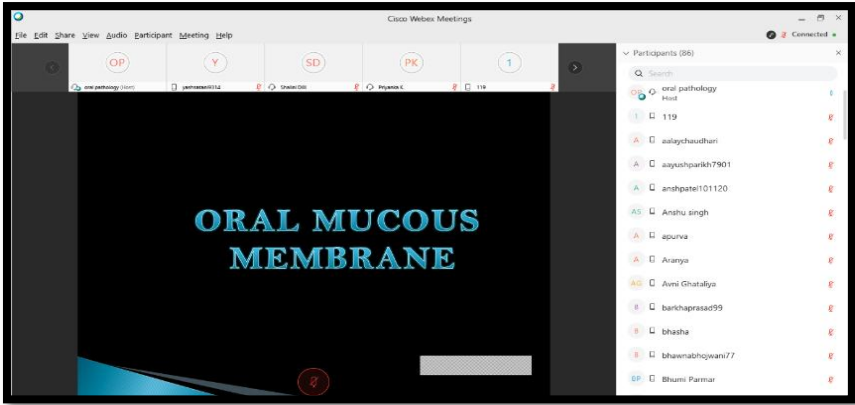
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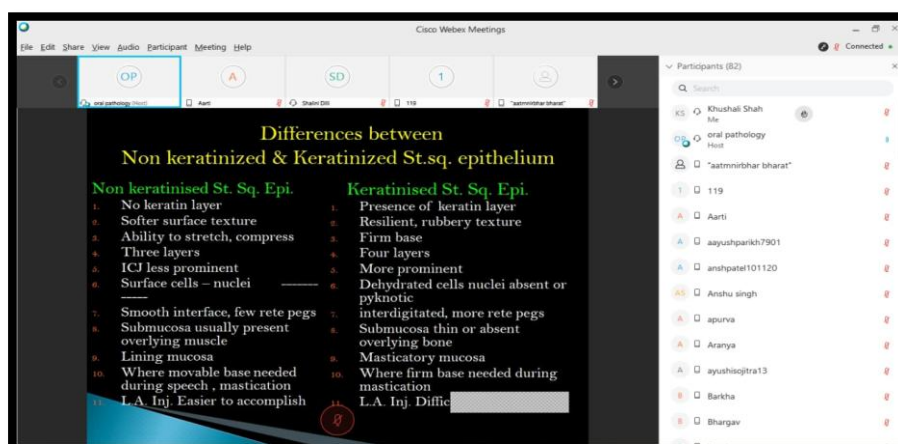
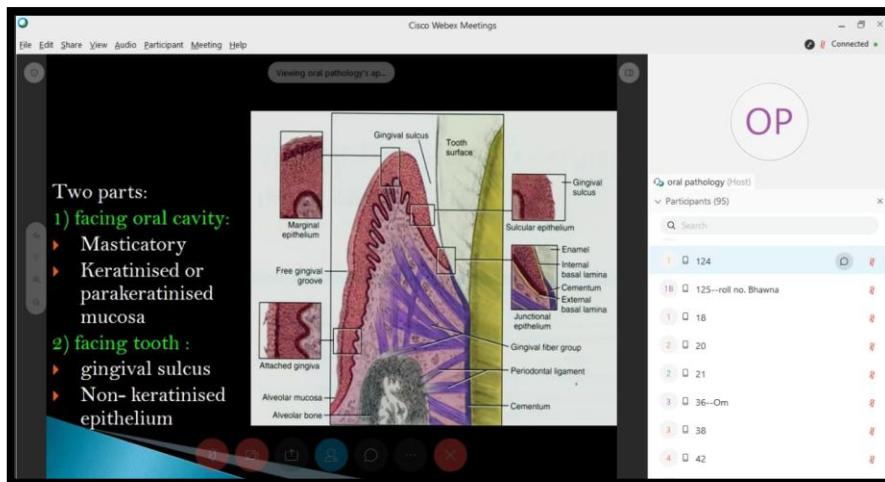
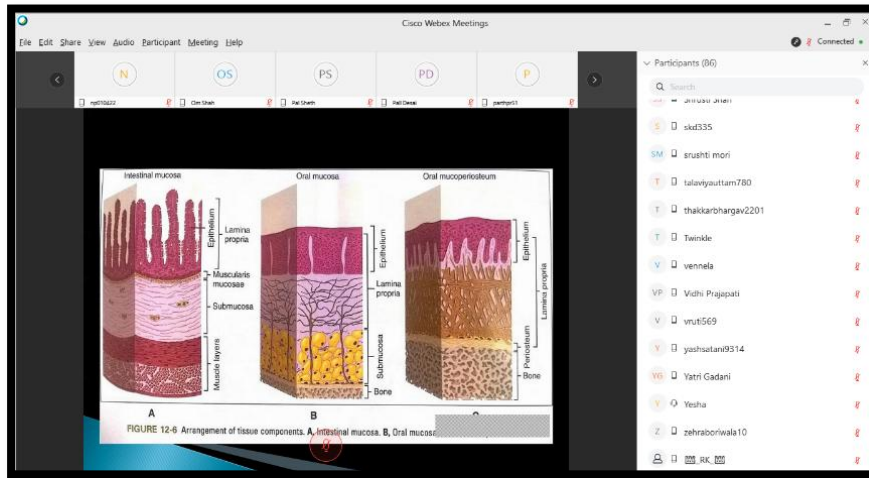


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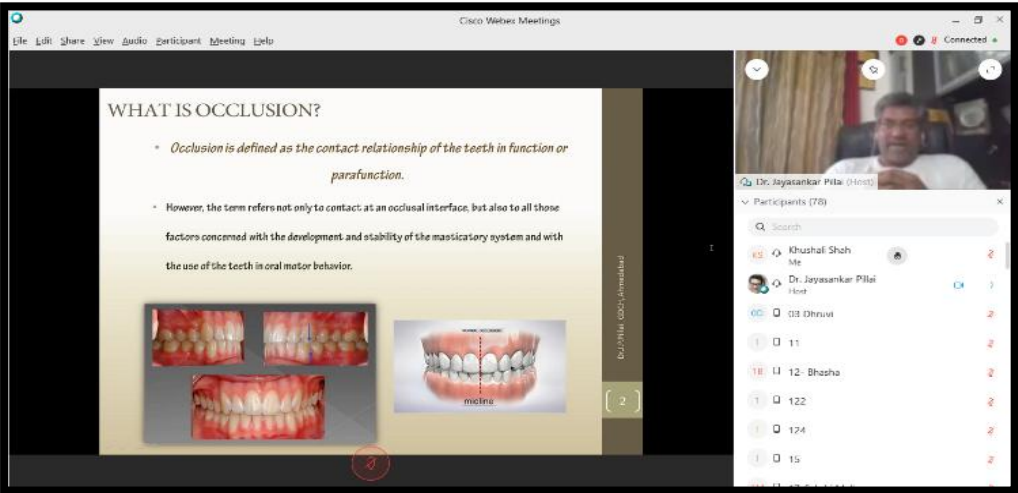
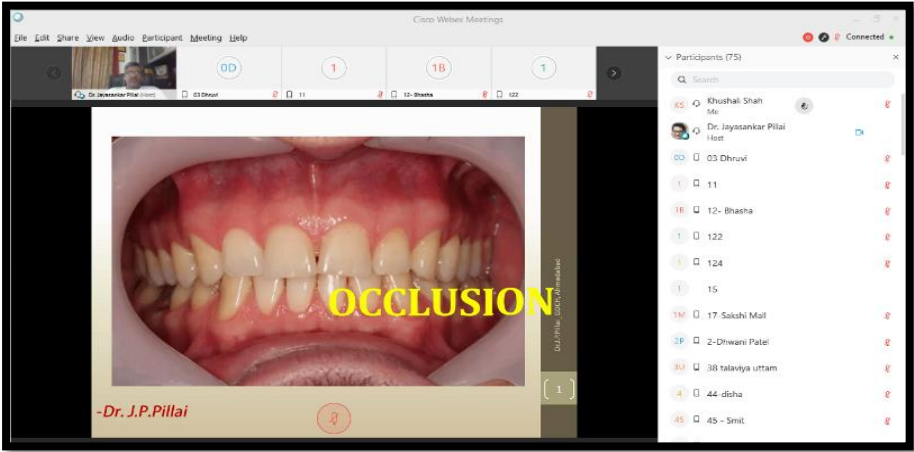


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3RD YEAR

Oral Pathology and Microbiology

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Participants (71)

Canalicular adenoma

Clinical features :

- Mainly in intraoral accessory salivary glands, most commonly the upper lip.
- Age 34-65 years.
- Female : male = 1.8 : 1
- Slow growing, well circumscribed, firm nodule which can be moved.

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Participants (65)

Acinic cell carcinoma – parotid tumor showing serous acinar cells along with clear cells.

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Participants (71)

Oncocytoma : cells are of oncocytic type. Tumor may be completely solid as illustrated



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Interconnecting cords of cells

Participants (71): Khushali Shah Me, oral pathology Host, Aditya Singh, Akarti Ojha, amishroff11, Anagha Bhale, Anjali Zala, anukrutjain24, Ayan Dutta, bhaktigandhi1111, Bhamati Parmar, Bhavesh Panchal, Bhavna kumari

Mucoepidermoid carcinoma

A. Mucicarmine stain
B. PAS stain

The two components of the tumor are large, pale, mucous secreting cells, which typically surround cystic spaces and sheets of epidermoid cells.

Participants (85): Khushali Shah Me, oral pathology Host, Aditya Singh, Anagha Bhale, Anjali Zala, anukrutjain24, Ayan Dutta, barchani, bhaktigandhi1111, Bhamati Parmar, Bhavesh Panchal, Bhavna kumari, parvinitati

Keratinization

Migration of cells from basal layer to gingival sul

Keratinized cell
Pyknotic nucleus
Granular cell
Kerathyalin granules
Prickle cell
Basal cell

Stratum corneum
Stratum granulosum
Stratum spinosum
Stratum basale

Participants (82): Khushali Shah Me, oral pathology Host, *atminirbhar bhara*, 119, Aarti, ayushparikh7901, anshatel101120, Anshu singh, apurva, Aranya, ayushisojitra13, Barkha, Bhargav