

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

e-DISCUSSION FOR POSTGRADUATES

Date:08-06-2020

Session I: 10.45 am to 12 pm

Faculty: Dr. Jagannatha G.V
Dr. Nagaland
Dr.Cyril Benedict

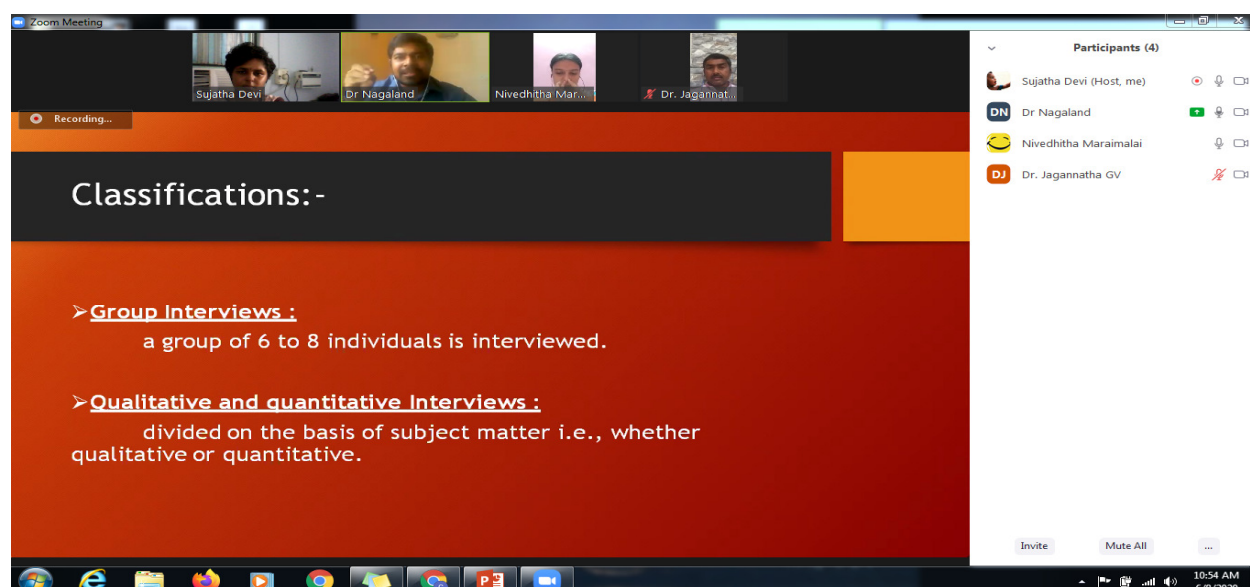
PG Students: Dr.Sujatha Devi
Dr.Niveditha

Total No of PG Students: 2/2

Discussion topic: Methods of Data Collection

Summary:

A brief recap of the previous class. The questionnaire form of data collection, the sequence of collection of data, its types, the essentials of a good questionnaire were discussed in brief. The concept of content validity, face validity, SME (Subject matter expert) , the advantages and disadvantages were explained. A brief about the schedule form of data collection, and the difference between questionnaire and schedule form of data collection was discussed in brief with suitable examples. The students were asked to find articles that have used questionnaire and schedule form of data collection for further discussion.



The screenshot shows a Zoom meeting interface. At the top, there are four video thumbnails of participants: Sujatha Devi, Dr. Nagaland, Niveditha Mar..., and Dr. Jagannatha GV. Below the thumbnails, a red banner reads "Recording...". The main content area displays a presentation slide titled "Classifications:-" in white text on a dark background. The slide lists two types of interviews: "Group Interviews" (a group of 6 to 8 individuals is interviewed) and "Qualitative and quantitative Interviews" (divided on the basis of subject matter i.e., whether qualitative or quantitative). To the right of the slide, a "Participants (4)" list shows the same four individuals with their respective icons and status indicators. At the bottom of the Zoom window, there are buttons for "Invite" and "Mute All", and a system tray showing the time as 10:54 AM on 6/8/2020.

Zoom Meeting

Recording...

Remaining Meeting Time: 05:52 | Upgrade to Pro

Classifications:-

- Open-ended questions
This gives the respondents the ability to respond in their own words.
- Close-ended or fixed alternative questions
This allows the respondents to choose one of the given alternatives.
Types:- Dichotomous questions and Multiple Questions.

11:19 AM
6/8/2020

Zoom Meeting 40-Minutes

You are viewing Dr Nagaland's screen

View Options

Recording...

Remaining Meeting Time: 02:46 | Upgrade to Pro

Essentials of Good Questionnaire

- Should be short and simple
- Follow a sequence of questions from easy to difficult one
- Technical terms should be avoided
- Should provide adequate space for answers in questionnaire
- Directions regarding the filling of questionnaire should be given
Physical Appearance - Quality of paper, Color
- Sequence must be clear

Mute Stop Video Security Participants Chat Share Screen Pause/Stop Recording Reactions End

11:22 AM
6/8/2020

Zoom Meeting

Recording...

Classifications:-

- Group Interviews :
a group of 6 to 8 individuals is interviewed.
- Qualitative and quantitative Interviews :
divided on the basis of subject matter i.e., whether qualitative or quantitative.

Participants (5)

- Sujatha Devi (Host, me)
- Dr. Nagaland
- Dr. Jagannatha GV
- Nivedhitha Maraimalai
- Dr. Cyril Benedict

Windows Taskbar: 10:59 AM 6/8/2020

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

e-DISCUSSION FOR POSTGRADUATES

Date:08.06.2020

Session II :1:15pm-2:05pm

Faculty: Dr. Jagannatha G.V
Dr.Nagappan
Dr.Cyril Benedict

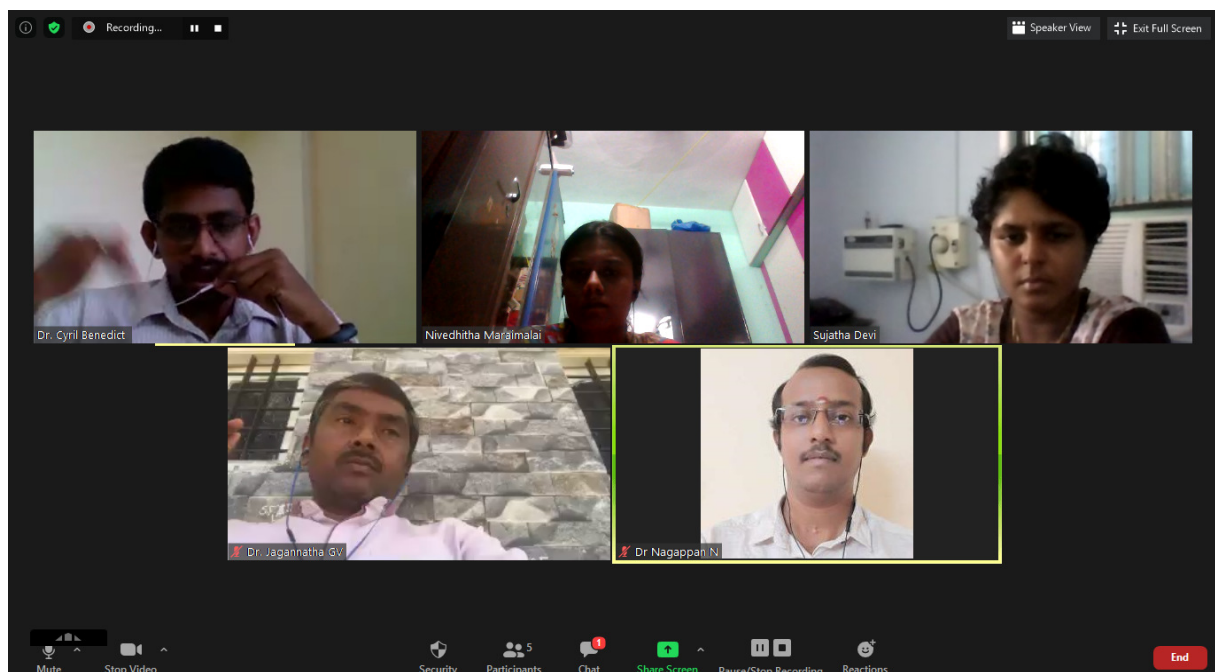
PG Students: Dr. Sujatha Devi
Dr. Nivedhitha M

Total No of PG Students: 2/2

Discussion topic: An outline on 'Library Dissertation'

Summary:

The postgraduates were explained about the 'Library Dissertation' for which, the topic has to be chosen in the next few months. An idea of how a topic can be chosen was given in detail. An outline of the steps to prepare a complete library dissertation was given in brief.



Recording... You are viewing Dr. Cyril Benedict's screen
Remaining Meeting Time: 00:10:00 | Upgrade to Pro

File Home Share View

Pin to Quick access Copy Paste Cut Copy path Paste shortcut Move to Copy to Delete Rename New folder New item Easy access Properties Open Open Recent Select all Select none Invert selection Clipboard

File Explorer: This PC > Cyril (E) > Department PHD > LD > Bioterrorism > LD - Copy

Name	Date modified	Type	Size
1 introduction	14-07-2019 01:40 PM	File folder	
2 HISTORY	14-07-2019 01:40 PM	File folder	
3 AGENTS	14-07-2019 01:40 PM	File folder	
4 METHODS RISK ASSESSMENT	14-07-2019 01:40 PM	File folder	
5 TYPES OF ATTACK	14-07-2019 01:40 PM	File folder	
6 MAKING OF BIO WEAPONS	14-07-2019 01:40 PM	File folder	
8 PREPAREDNESS	14-07-2019 01:40 PM	File folder	
9 SURVEILLANCE	14-07-2019 01:40 PM	File folder	
10 GOVERNMENT POLICIES	14-07-2019 01:40 PM	File folder	
11 ASSESSMENT	14-07-2019 01:40 PM	File folder	
12 RESPONSE	14-07-2019 01:40 PM	File folder	
13 MANAGEMENT	14-07-2019 01:40 PM	File folder	
GENETIC ENGINEERING prevention	14-07-2019 01:40 PM	File folder	
15 global health security	10-06-2017 12:18 AM	Microsoft Word D...	23 KB
BIBLIOGRAPHY	06-06-2017 12:19 PM	Microsoft Word D...	34 KB
bioterrorism and dentistry	09-06-2017 10:00 PM	Microsoft Word D...	290 KB
BT and India	05-06-2017 09:33 AM	Microsoft Word D...	21 KB
Introduction - Copy (44) - Copy - Copy - ...	19-03-2017 10:59 AM	Microsoft Word D...	17 KB
summary	19-03-2017 10:59 AM	Microsoft Word D...	17 KB

Quick access: Desktop, Documents, Downloads, Pictures, LOCKDOWN e-Li..., STATSMATE, Zoom, F batch, IV BDS, IV BDS 6, SS, Desktop, OneDrive, Benedict, This PC, Libraries, Network, Control Panel, Recycle Bin, Read, SPEED

Meeting Controls: Mute, Stop Video, Security, Participants, Chat, Share Screen, Pause/Stop Recording, Reactions, End

Recording... Speaker View Exit Full Screen

Participants (5)

- Nivedhitha Maraimalai (Host, me)
- Dr. Cyril Benedict
- Sujatha Devi
- Dr. Jagannatha GV
- Dr. Nagappan N

Meeting Controls: Mute, Stop Video, Security, Participants, Chat, Share Screen, Pause/Stop Recording, Reactions, End

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

e-DISCUSSION FOR POSTGRADUATES

Date:09-06-2020

Session I: 0.50 am to 12 pm

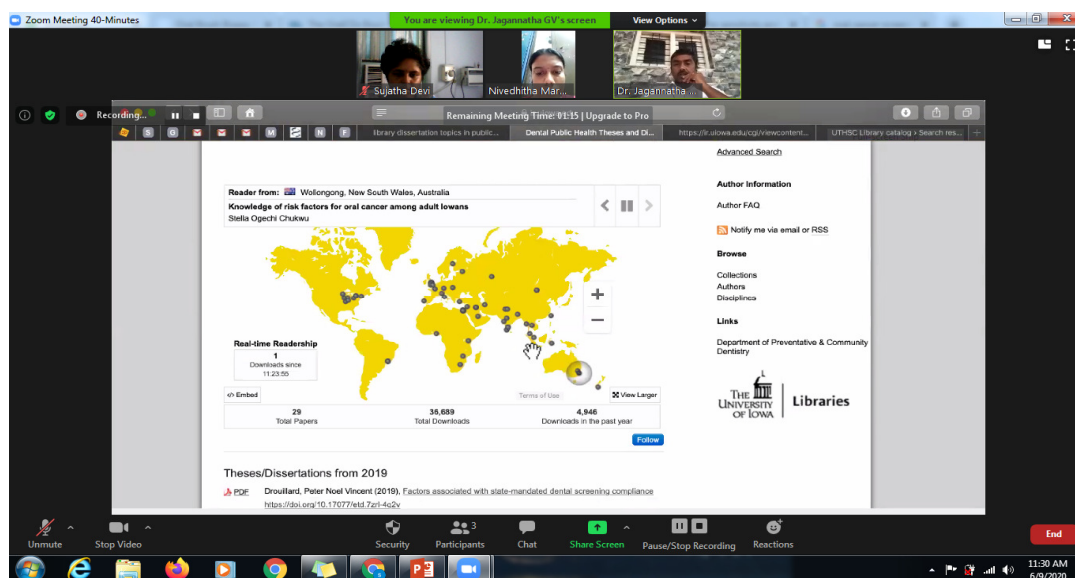
Faculty: Dr. Jagannatha G.V

PG Students: Dr.Sujatha Devi
Dr.Niveditha

Total No of PG Students: 2/2

**Discussion topic: An outline of Dissertation topic
Summary :**

A brief idea about how to select a dissertation topic and library dissertation topic was given. The necessity to think about the available recourses, funding, technical requirements, availability of samples for the study was spoken about. The various sites to look for the topic and the necessity to look for a peculiar topic was explained. An introduction to the Iowa university repository was given. The students were asked to go through the Dr. M. G. R medical university websites to get a better idea about the topic selection.



Zoom Meeting 40-Minutes

You are viewing Dr. Jagannatha GV's screen

View Options

Recording...

Remaining Meeting Time: 9:33 | Upgrade to Pro

library dissertation topics in public... Dental Public Health Theses and Di... https://ir.iowa.edu/cgi/viewcontent... UTHSC Library catalog | Search res...

Iowa Research Online
The University of Iowa's Institutional Repository

Home About FAQ My Account

Home > College of Dentistry & Dental Clinics > DENTISTRY-PREVENTIVE > DPH_ETD

DENTAL PUBLIC HEALTH THESES AND DISSERTATIONS

Enter search terms: Search

In this series

Advanced Search

Reader from: Wollongong, New South Wales, Australia
Knowledge of risk factors for oral cancer among adult Iowans
Stella Ogechi Chukwu

Author Information
Author FAQ
Notify me via email or RSS

Browse
Collections
Authors
Disciplines
Links

Unmute Stop Video Security Participants Chat Share Screen Pause/Stop Recording Reactions End

11:29 AM 6/9/2020

Zoom Meeting 40-Minutes

Gallery View

Participants (3)

- Sujatha Devi (Host, me)
- Dr. Jagannatha GV
- Nivedhitha Maraimalai

Nivedhitha Maraimalai's network bandwidth is low

Recording...

Nivedhitha Maraimalai

Mute Stop Video Security Participants Chat Share Screen Pause/Stop Recording Reactions End

Invite Mute All

10:56 AM 6/9/2020

Zoom Meeting

Recording...

Remaining Meeting Time: 0:43:33 | Upgrade to Pro

library dissertation topics in public... Dental Public Health Theses and D... <https://ir.uabwa.edu/cgi/viewcontent...> UTHSC Library catalog > Search res...

1. INTRODUCTION1

2. LITERATURE REVIEW4

Introduction:4

Definitions:4

Impact of ECC:5

Prevalence of ECC:7

Definition7

Prevalence of ECC Studies7

Summary of Prevalence Studies19

Incidence of ECC20

Incidence Definitions and Types20

Studies Focused on Incidence of ECC22

Studies Focused on Comparison of Incidence Rates of ECC Between Two or More Groups28

Incidence Data from Preventive Intervention Studies31

Summary of the Incidence Studies36

Risk Factors:37

Introduction37

Demographic Risk Factors38

Age38

Gender39

Race/Ethnicity42

SES43

Dietary Risk Factors45

Sugar consumption45

Breast Feeding, Night Feeding and Infant Formula53

Microbiological Risk Factors56

Mutans Streptococci Bacteria:56

Behavioral Risk Factors60

Presence of Visible Plaque60

Toothbrushing and the Use of Fluoridated Toothpaste60

11:27 AM
6/9/2020

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

e-DISCUSSION FOR POSTGRADUATES

Date:09.06.2020

Session II :1:15pm-2:10pm

Faculty: Dr. Jagannatha G.V
Dr.Nagaland

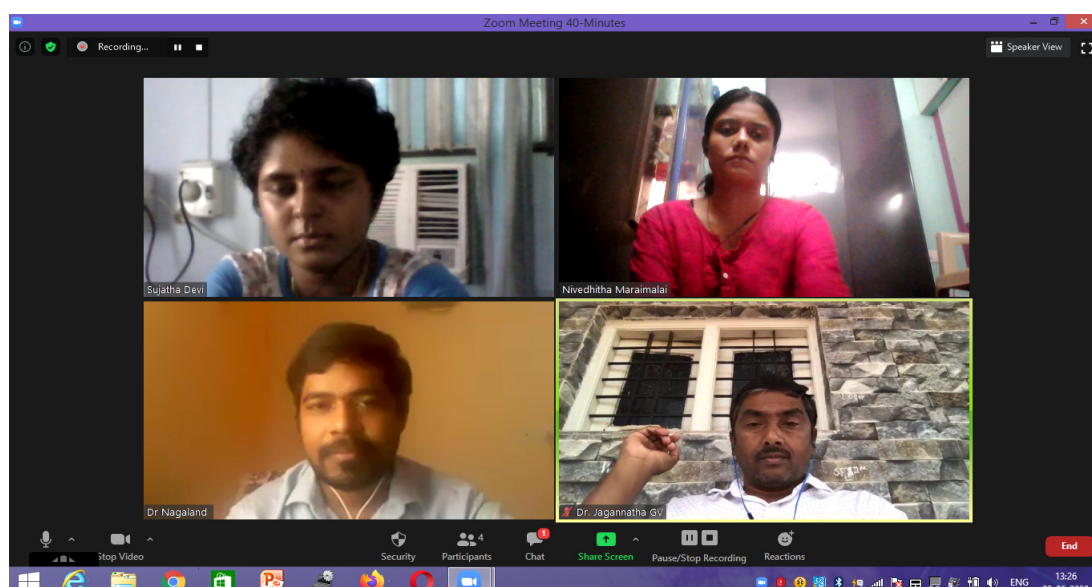
PG Students: Dr. Sujatha Devi
Dr. Nivedhitha M

Total No of PG Students: 2/2

Discussion topic: Dissertation searching and writing

Summary:

The post graduates were explained how they will have to search the dissertation topics.They were explained about the necessity of choosing the topic according to the current trends.They were explained about the feasibility of the study and how data can be collected.MGR University guidelines for the dissertation was explained.The deadline for getting approval of the dissertation topic and the submission of the dissertation to the university was informed to the postgraduates



Recording... You are viewing Dr Nagaland's screen View Options

File Edit View Window Help PGDissertation-Gui... x ? Sign In

Home Tools 1 / 8 116%

The Tamil Nadu Dr. M.G.R. Medical University, Chennai
GUIDELINES ON DISSERTATIONS FOR ALL PG COURSES

Post Graduate Medical Courses

The committee recommended to follow the guidelines stipulated by the Medical Council of India to approve the dissertations submitted by the post-graduate Medical students.

This will come into effect from **April 2014 Examination** onwards.

Doctor of Medicine (M.D.)/Master of Surgery (M.S.)
Thesis/Dissertation

Mute Stop Video Security Participants Chat Share Screen Pause/Stop Recording Reactions End

Nivedhitha Maraimalai
Sujatha Devi
Dr Nagaland
Dr. Jagannatha...
Start Free Trial

Recording... You are viewing Dr Nagaland's screen View Options

Nivedhitha Mar... Sujatha Devi Dr Nagaland Dr. Jagannath...

Chettinad
Dental College & Research Institute

Writing your thesis
where to start?

End Invite Mute All

Participants (4)
Nivedhitha Marai... (Host, me)
DN Dr Nagaland
DJ Dr. Jagannatha GV
Sujatha Devi

13:30 09-06-2020

7a method pics.pdf - Adobe Acrobat Reader DC

You are viewing Dr Nagaland's screen


View Options

Home Tools PGDissertation-Gui... 7a method pics.pdf x

Sign In

1 / 5 119%

Figure 1: Armamentarium required for oral examination



Nivedhitha Maraimalai

Sujatha Devi

Dr Nagaland

Dr. Jagannatha GV

Start Free Trial

Mute Stop Video Security Participants Chat Share Screen Pause/Stop Recording Reactions End

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

e-DISCUSSION FOR POSTGRADUATES

Date: 10.06.2020

Session I : 10:45pm-12:00pm; 2:30pm-3:30pm

Faculty: Dr. Jagannatha G.V

PG Students: Dr. Sujatha Devi
Dr. Nivedhitha M

Total No of PG Students: 2/2

Discussion topic: (i) WHO Oral Assessment Pro forma

(ii) Protocol during Covid-19 times

Summary:

A discussion on 'WHO oral assessment proforma' was conducted, differences between case history and oral health survey was discussed. The key differences between the WHO oral health assessment proforma of the years 1997 and 2013 were discussed. The students were asked to learn about survey, its types and the index age groups.

A session on the protocol need to be taken during Covid-19 times was conducted. The types of Corona viruses, history of Covid-19, professions with the highest risks of contracting the disease, symptoms, transmission, precaution needed to be taken at the college, general instructions to be given to the patients, attire protocol, disinfection and sterilization protocol, dental operatory control, treatment protocol, steps to be followed before discharging a patient, waste disposal were covered. The post graduates were asked to prepare a power point presentation on the protocols to be taken for their respective departments

Zoom Meeting

Recording

Remaining Meeting Time: 03:44

WHO oral health Assessment form: 10.06.2020 - s... Oral health surveys - basic methods <https://apps.who.int/iris/bitstream/handle/10665/4...>

Pathfinder surveys

The special factors associated with the most common oral diseases and the extensive experience gained in oral epidemiology over the past 25 years have enabled a practical, economic survey sampling methodology to be defined, called the "pathfinder" method.

The method used is a stratified cluster sampling technique, which aims to include the most important population subgroups likely to have differing disease levels. It also proposes appropriate numbers of subjects in specific index age groups in any one location. In this way, reliable and clinically relevant information for planning is obtained at minimum expense. The method is suitable for obtaining the following information:

- The overall prevalence of the common oral diseases and conditions affecting the population.
- Variations in disease level, severity and need for treatment in

5

Participants (16)

Find a participant

- SD Sujatha Devi (Me)
- PL Pavithra lakshmi N (Host)
- DJ Dr. Jagannatha GV
- Naafia Fathima
- H. Pavithra
- Namarrathaa Sre
- Nawin subhaganes
- NN Neha Naomi
- Nehrhika Kumaresan
- Nivedhitha Maraimalai
- PR Padmajaa Krishnan
- PR Pavithra Rajkumar
- Pavithra RathinaSwamy
- P Prabhavathi.s

Invite Unmute Me Raise Hand

11:20 AM 6/10/2020

Zoom Meeting

Recording

Chettinad
Dental College & Research Institute

DATE OF EXAMINATION

- Boxes 5-10
- Year, month and day are recorded here.
- Only year and month are entered into the computer data file.
- Day is recorded for the examiner to recheck a particular day's examinations.

IDENTIFICATION NUMBER:

- Boxes 11-14
- Each subject is assigned an identification number and the no. of digits should be same as the no. of people to be examined
- Care should be taken to not use the same number again.

Participants (16)

Find a participant

- SD Sujatha Devi (Me)
- PL Pavithra lakshmi N (Host)
- DJ Dr. Jagannatha GV
- Naafia Fathima
- Priya Darshini
- H. Pavithra
- Namarrathaa Sre
- Nawin subhaganes
- NN Neha Naomi
- Nehrhika Kumaresan
- Nivedhitha Maraimalai
- PR Padmajaa Krishnan
- PR Pavithra Rajkumar
- Pavithra RathinaSwamy

Invite Unmute Me Raise Hand

11:07 AM 6/10/2020

Zoom Meeting

Recording

Remaining Meeting Time: 05:18

Chettinad
Dental College & Research Institute

The codes and criteria are,

- 1 - No abnormal condition
- 2 - Malignant tumor (oral cancer)
- 3 - Leukoplakia
- 4 - Lichen planus
- 5 - Ulcerations (aphthous, herpetic, traumatic)
- 6 - Acute necrotizing gingivitis
- 7 - Candidiasis
- 8 - Abscess
- 9 - Other conditions (e.g. Kaposi sarcoma, hairy cell leukoplakia etc.)
- 9 - Not recorded

Location of lesions is recorded in box 40-42 as follows:

- 1 - Vermillion border
- 2 - Commissures
- 3 - Lips
- 4 - Sulci
- 5 - Buccal mucosa
- 6 - Floor of the mouth
- 7 - Tongue
- 8 - Hard and / or soft palate
- 9 - Alveolar ridges / gingiva
- 9 - Not recorded

Participants (15)

Find a participant

- SD Sujatha Devi (Me)
- PL Pavithra lakshmi N (Host)
- DJ Dr. Jagannatha GV
- H. Pavithra
- Naafia Fathima
- Namarrathaa Sre
- Nawin subhaganesh
- NN Neha Naomi
- Nehthika Kumaresan
- Nivedhitha Maraimalai
- PK Padmajaa Krishnan
- PR Pavithra Rajkumar
- Pavithra Rathinaswamy
- P Prabhavathi

11:39 AM
6/10/2020

Zoom Meeting

Recording

ATTENTION STATUS AND TREATMENT NEED

Primary teeth	Permanent teeth	STATUS	TREATMENT
Crown	Crown/Root		
A	0	0	Sound
B	1	1	Decayed
C	2	2	Filled, with decay
D	3	3	Filled, no decay
E	4	—	Missing, as a result of caries
—	5	—	Missing, any other reason
F	6	—	Fissure sealant
G	7	7	Bridge abutment, special crown or veneer/implant
—	8	8	Unrupted tooth, (crown)/unexposed root
T	—	—	Trauma (fracture)
—	9	9	Not recorded

11:41 AM
6/10/2020

Zoom Meeting

Recording

WHO oral health Assessment form- 10.06.2020 - s...

https://apps.who.int/iris/bitstream/handle/10665/8...

https://apps.who.int/iris/bitstream/handle/10665/8...

Oral Health Surveys Basic Methods

1.5.5 Clinical examination (Boxes 43 and 44)

The oral cavity is part of the orofacial complex and examiners should record any evident abnormality of the tissues of the face, nose, cheek or chin. The condition and its location are recorded using the following recommended codes:

Condition (Box 43)

- 0 = Normal
- 1 = Ulceration, sores
- 2 = Erosions
- 3 = Fissures
- 4 = Cancrum oris
- 5 = Enlarged lymph nodes
- 6 = Any other abnormality
- 9 = Not recorded

Location (Box 44)

- 1 = Face
- 2 = Neck
- 3 = Nose
- 4 = Cheeks
- 5 = Chin
- 6 = Commissures
- 7 = Vermillion border
- 8 = Jaws

1.5.5.1 Dentition status

(Boxes 45-108 in the Oral Health Assessment Form for Adults and 45-72 in the Oral Health Assessment Form for Children)

The examination for dental caries should be conducted with a plane mouth mirror. The use of radiography for detection of approximal caries is not recommended because the equipment is impractical to utilize in most field situations. Therefore, the use of fluorotics is not recommended. Although it is

11:38 AM
6/10/2020

2:40

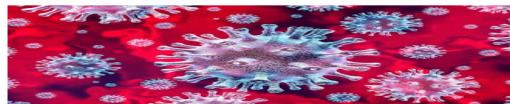
Zoom

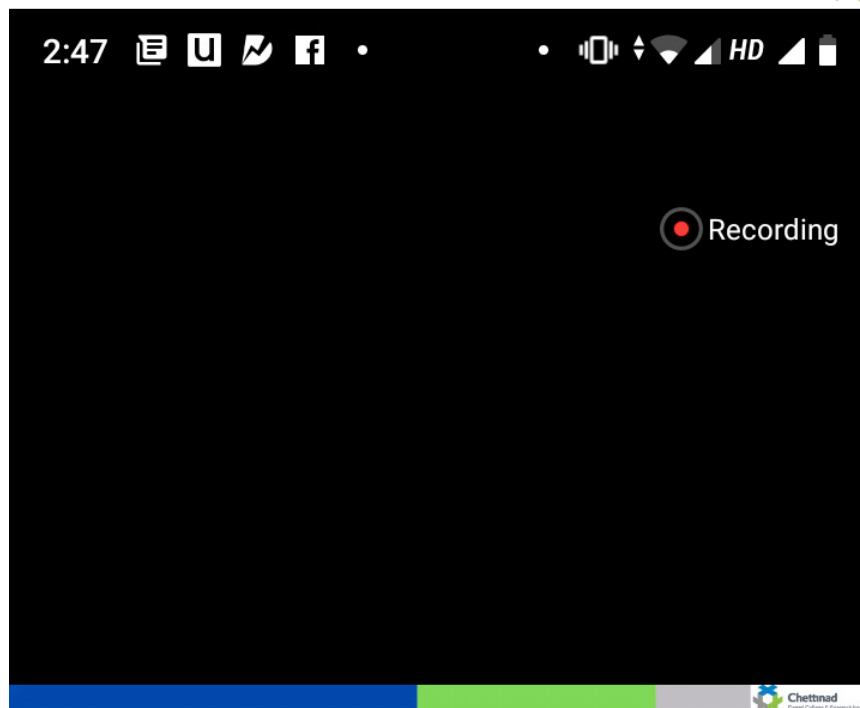
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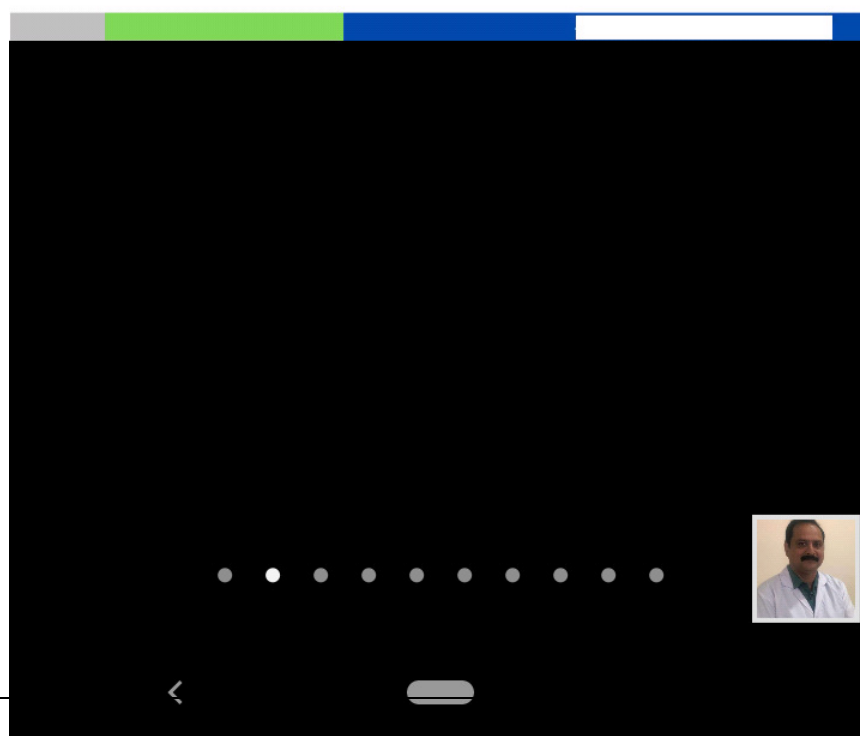
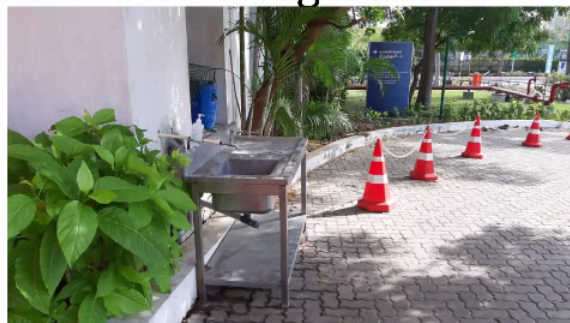
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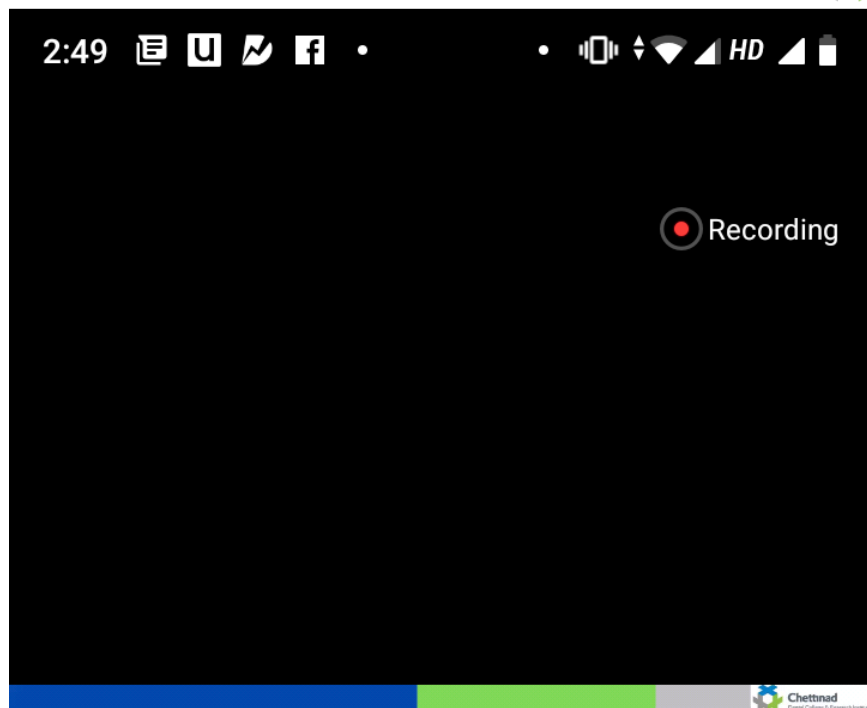
Biosafety Committee
SOP
COVID 19





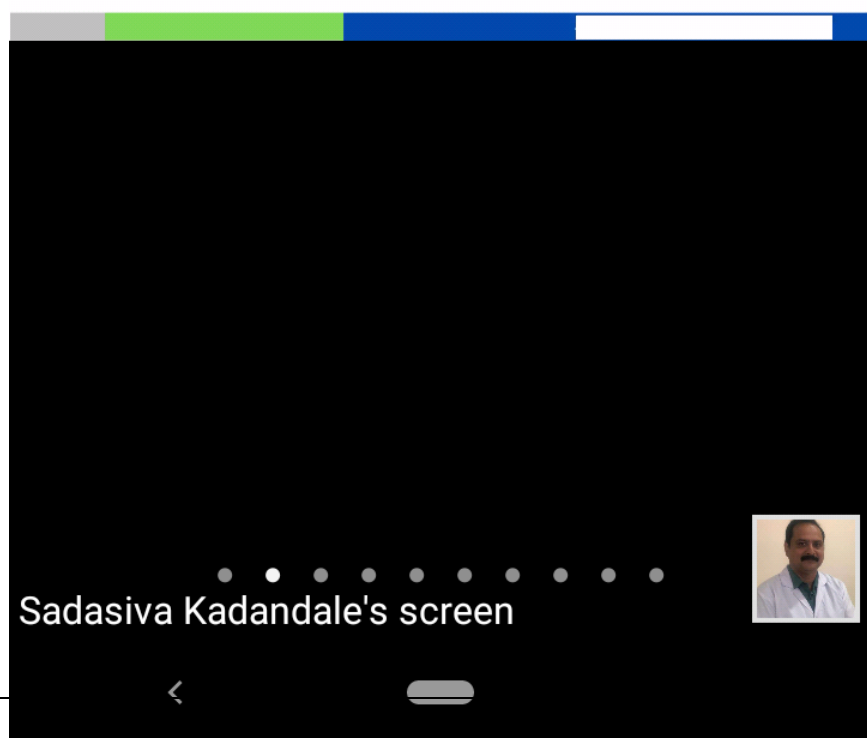
Before entering E block

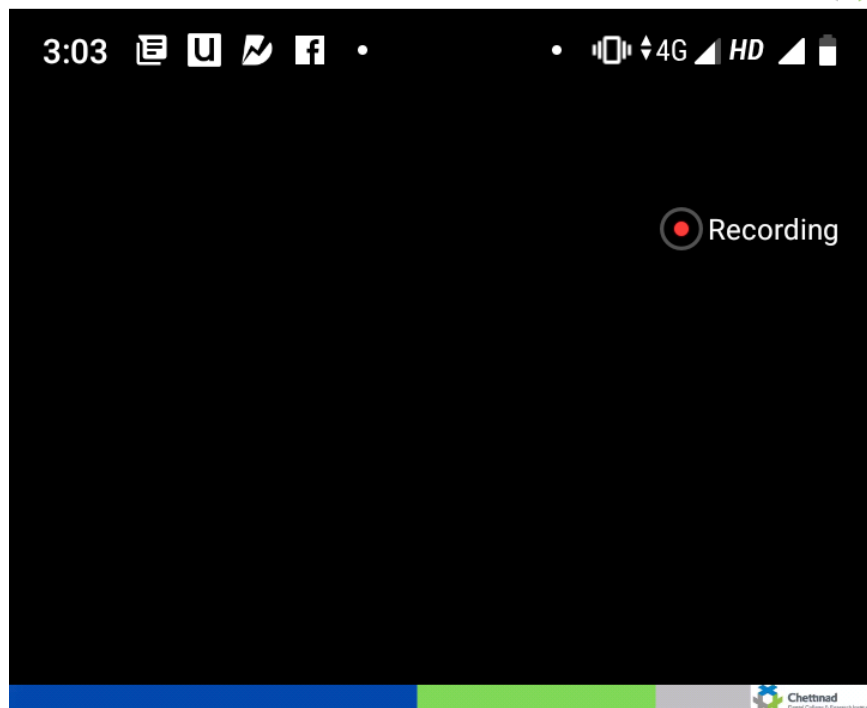




Schedule visit

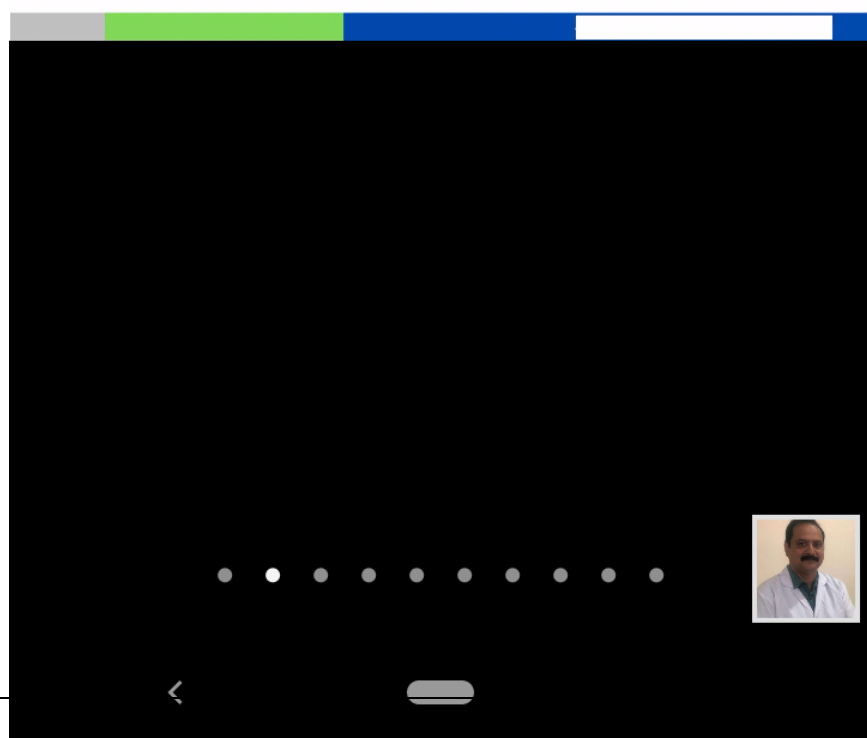
- non-emergency treatment to postpone their treatment plans to avoid cross-infection caused by clustering.
- Patients should be encouraged to take appointments or register online or telephonically to reduce gathering of people.
- Dental needs assessment should be done.
- Upon visit, the body temperature of all patients must be taken before procedure.

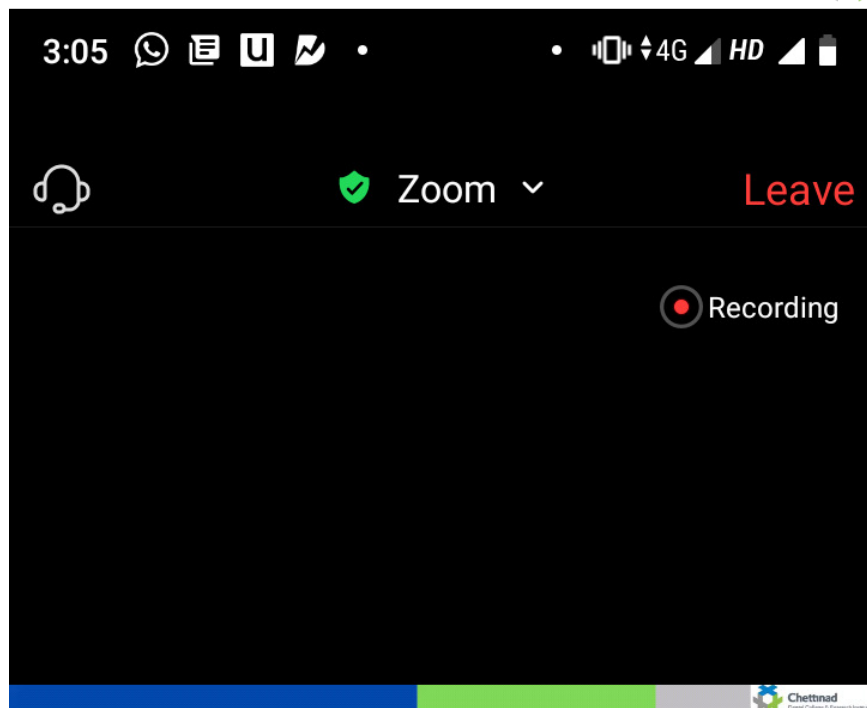




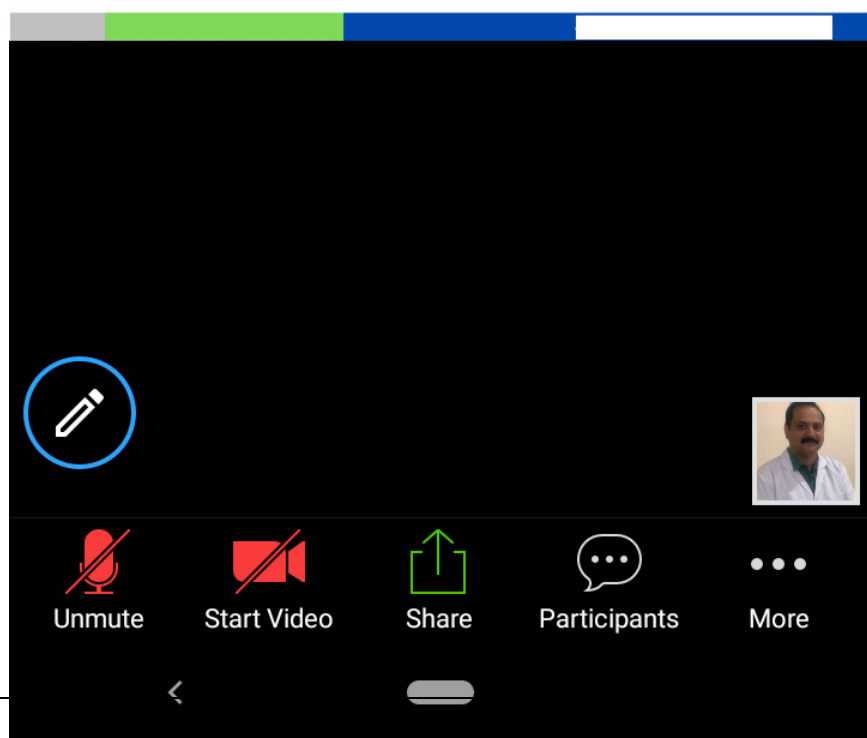
PATIENT DISCHARGE

- Patient advised to re-mask and proceed to reception area
- Electronic Treatment records only
- Cashless payment preferred





Use and disposal of PPE as per protocol



3:06     •

•  4G  

 Recording



3:06     •

•  4G  

 Recording



• • • • •
Sadasiva Kadandale's screen



DEPARTMENT OF PUBLIC HEALTH DENTISTRY

e-DISCUSSION FOR POSTGRADUATES

Date:10-06-2020

Session II: 6pm-6.30 pm

Faculty: Dr. Jagannatha G.V

PG Students: Dr.Sujatha Devi
Dr.Niveditha

Total No of PG Students: 2/2

Discussion topic: Revision of topics

Summary :

A brief discussion about the usefulness of the sessions and the important topics was done. The students were asked to do a presentation on Research methodology from the points understood from the Research Methodology online class. The students were asked to make a plan regarding the next week classes.



DEPARTMENT OF PUBLIC HEALTH DENTISTRY

e-DISCUSSION FOR POSTGRADUATES

Date:11-06-2020

Session I: 10.50 am– 11.30am

Faculty: Dr. Jagannatha G.V

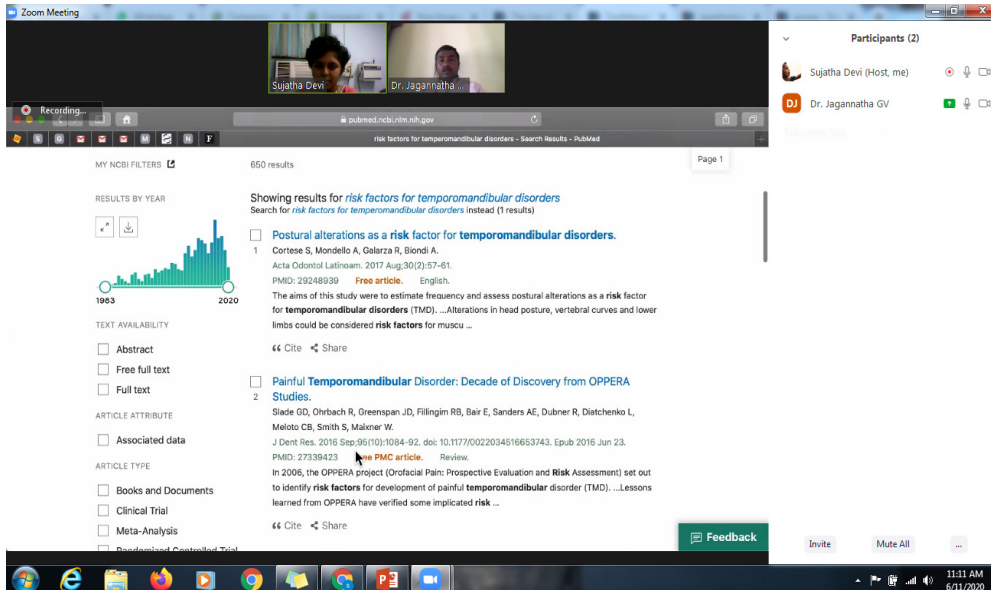
PG Students: Dr.Sujatha Devi

Total No of PG Students: 1/2

Discussion topic: How to do Journal Club Introduction

Summary :

A brief introduction to journal club was given. The various parts of the journal assessments like the title, print/online article,from which journal the article was taken,open/ paid journal ,the editors of the journal,speciality/non- speciality,is it peer reviewed , what type of peer review done,impact factor,primary author, whether the author is a specialist / experienced person,which type of article review/ observational, PMID, PMCID, DOi were explained. The types of proper introduction like summaristic / alarmistic was explained. The need to check whether recent references and standard references are mentioned in reference or not was explained.



The screenshot shows a Zoom meeting window with two participants: Sujatha Devi (Host) and Dr. Jagannatha GV. The main content area displays a search results page for 'risk factors for temporomandibular disorders'. The search results show 650 results. The first article is 'Postural alterations as a risk factor for temporomandibular disorders' by Cortese S, Mondello A, Galarza R, Biondi A, published in Acta Odontol Latinoam. 2017 Aug;30(2):57-61. The second article is 'Painful Temporomandibular Disorder: Decade of Discovery from OPPERA Studies' by Slade GD, Ohrbach R, Greenspan JD, Fillingim RB, Bair E, Sanders AE, Dubner R, Diatchenko L, Meloto CB, Smith S, Makin W, published in J Dent Res. 2016 Sep;95(10):1084-92. The desktop taskbar at the bottom shows various application icons and the system clock indicating 11:11 AM on 6/11/2020.

Zoom Meeting

Recording...

Sujatha Devi

Participants (2)

- Sujatha ... (Host, me) Mute More
- Dr. Jagannatha GV

Dr. Jagannatha GV

10:57 AM 6/11/2020

Zoom Meeting

Recording...

Sujatha Devi Dr. Jagannatha ...

Participants (2)

- Sujatha Devi (Host, me)
- Dr. Jagannatha GV

pubmed.ncbi.nlm.nih.gov

NIH National Library of Medicine National Center for Biotechnology Information

PubMed.gov

risk factors for temporomandibular disorders

Search

Advanced User Guide

Search results

Save Email Send to

PREV RESULT 6 of 650

> Pain Res Manag. 2018 Apr 17;2018:5053709. doi: 10.1155/2018/5053709. eCollection 2018.

Temporomandibular Disorders Among Dutch Adolescents: Prevalence and Biological, Psychological, and Social Risk Indicators

Carolina Marpaung^{1, 2}, Frank Lobbezoo¹, Maurits K A van Selms¹

Affiliations + expand

PMID: 29849843 PMCID: PMC5932427 DOI: 10.1155/2018/5053709

Free PMC article

Abstract

Aims: To assess the prevalence rates of pain-related temporomandibular disorders (TMDs) and

FULL TEXT LINKS

PMC Full text

ACTIONS

Cite Favorites

SHARE

Feedback

11:12 AM 6/11/2020

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

e-DISCUSSION FOR POSTGRADUATES

Date:12.06.2020

Session I :10:45pm-12:00pm

Faculty: Dr. Jagannatha G.V

PG Students: Dr. Sujatha Devi
Dr. Nivedhitha M

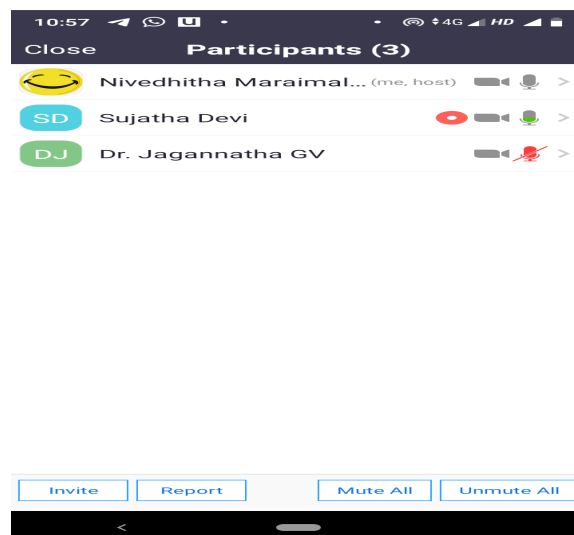
Total No of PG Students: 2/2

Discussion topic: Seminar on Oral cancer screening-1)Oral Brush Biopsy


2)Chemiluminescence by Dr.Sujatha Devi


Summary:


A presentation on Oral screening methods which included screening, types of screening, biases associated with screening, screening tests like oral brush biopsy, chemiluminescence, its advantages, disadvantages, sensitivity, specificity, positive predictive values, negative predictive values and recent advancements .A discussion was done on lead time and lead time bias.



10:57




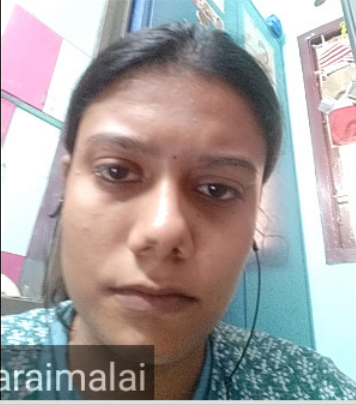





Zoom

End


 Recording




Nivedhitha Maraimalai





Sujatha Devi





Dr. Jagannatha GV

 Mute

 Stop Video

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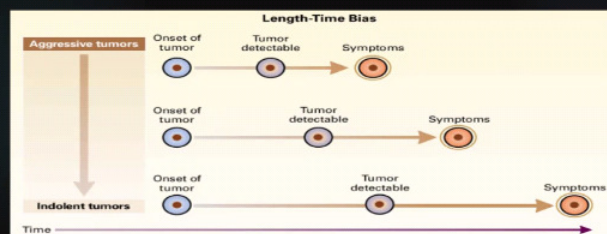
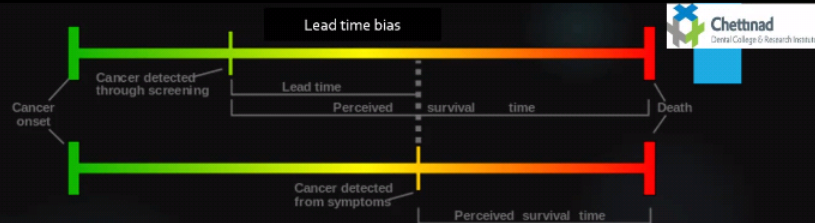
 Participants

 More

10:58

4G HD

Recording



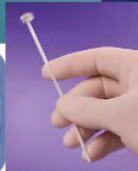
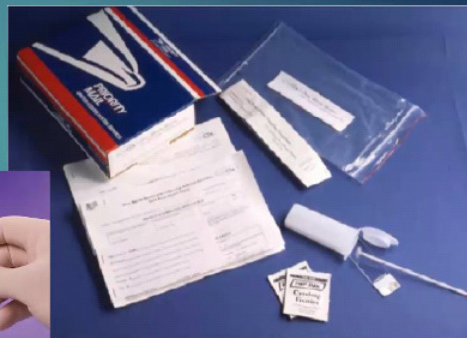
11:04

•    HD 

 Recording

Contents of the kit:

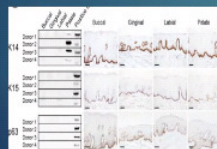
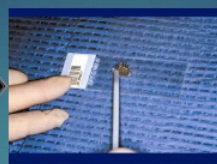
- ▶ Oral brush biopsy instrument
- ▶ Precoded glass slide
- ▶ Matching coded test requisition form
- ▶ Alcohol/ carbowax fixative pouch
- ▶ Preaddresses container for submitting the contents



11:05    •

•    

 Recording



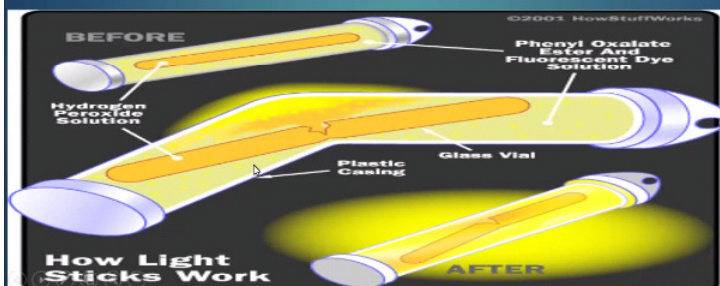
11:16

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 Recording

Chemiluminescence:

- It is the emission of light as a result of a chemical reaction.
 $A + B \longrightarrow \text{Intermediate product} \longrightarrow \text{Product} + \text{Light}$



DEPARTMENT OF PUBLIC HEALTH DENTISTRY

e-DISCUSSION FOR POSTGRADUATES

Date:12-06-2020

Session II:1.30pm – 2.15 pm

Faculty: Dr. Jagannatha G.V

PG Students: Dr.Sujatha Devi
Dr.Niveditha

Total No of PG Students: 2/2

Discussion topic: Oral cancer screening presentation part 2

-1)Toluidine blue 2)Velscope by Dr.Nivedhitha

Summary :

A presentation was done on oral cancer screening that included topics like what are cancer cells, etiology of cancer, incidence and age predilection, signs and symptoms of cancer. The architectural and cellular changes in dysplasia, the requirements of a screening test and its ideal features were explained in brief. A brief about toluidine blue staining, its usage, how it works, its advantages and disadvantages were explained with suitable articles. The concept of tissue auto fluorescence, the use of velscope, its advantages and disadvantages were also explained in brief. The students were asked to make a tabulation of the article, study methods, specificity, sensitivity, positive and negative predictive values, risk groups used in the study to get a better understanding.

Zoom Meeting

Recording...

Sujatha Devi Nivedhitha Mar... Dr. Jagannat...

Chettinad
Dental College & Research Institute

SCREENING OF ORAL CANCER- II
-NIVEDHITHA.M
1ST YEAR POST GRADUATE

Participants (3)
Sujatha Devi (Host, me)
Nivedhitha Maraimalai
Dr. Jagannatha GV

1:37 PM
6/12/2020

Zoom Meeting 40-Minutes

You are viewing Nivedhitha Maraimalai's screen

Sujatha Devi Nivedhitha Mar... Dr. Jagannat...

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Dental College & Research Institute

Permission granted to reproduce this illustration: Messrs LED Dental Inc.

ABNORMAL
Abnormal loss of fluorescence pattern associated with dysplastic epithelium and underlying stromal disruption.

NORMAL
Tissue produces normal fluorescence pattern.

BLUE EXCITATION LIGHT

Epithelium
Basement Membrane
Stroma

Normal Stroma
Abnormal Epithelial Cells
Disruption of Stromal Collagen

Figure 1: Diagram depicting the interaction of blue excitation light with normal and abnormal mucosa which results in FVR and FVL respectively when viewed through the VELscope handpiece. Adapted from Velscope enhanced oral assessment.¹⁶

Unmute Stop Video Security Participants Chat Share Screen Pause/Stop Recording Reactions

1:52 PM
6/12/2020

Zoom Meeting 40-Minutes

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View Options

Sujatha Devi Nivedhitha Mar... Dr. Jagannat...

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Dental College & Research Institute

FEATURES OF DYSPLASIA

CELLULAR CHANGES

- Abnormal variation in nucleus size
- Abnormal variation in nuclear shape
- Abnormal variation in cell size
- Abnormal variation in cell shape
- Increased nuclear cytoplasmic ratio
- Increase in nuclear size
- Atypical mitotic figures
- Increased number and size of nucleoli
- Hyperchromasia

Unmute Stop Video Security Participants Chat Share Screen Pause/Stop Recording Reactions End

1:42 PM 6/12/2020

Zoom Meeting

Sujatha Devi Nivedhitha Mar... Dr. Jagannat...

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an ineffective... all uncertainty of this particular technology as an oral cancer diagnostic or case-finding aid, the judicious use of the brush cytology in these scenarios may be clinically useful.

Toluidine blue staining

Toluidine blue (also known as toloum chloride) is a vital dye that may stain nucleic acids and abnormal tissues. It has been used for decades as an aid to the identification of mucosal abnormalities of the cervix as well as in the oral cavity. It has been valued by surgeons as a useful way of demarcating the extent of a lesion prior to excision. While not currently approved by the FDA for use as an oral cancer screening technique in the United States, toluidine blue has been championed in other parts of the world for several decades as a means of identifying clinically occult lesions in patients whose oral mucosa may otherwise be normal – that is, as a screening test or adjunct.¹⁷

Overall, there appears to be some evidence that toluidine blue can stain oral lesions and that it is useful as an adjunct to a clinical examination for the identification of potentially premalignant lesions. To date, however, it has only been evaluated in a secondary care environment in the hands of specialists. The literature on toluidine blue is large and a recent systematic review¹⁸ identified 77 publications. However, only 14 of these evaluated the ability of the dye to identify oral cancers that would not otherwise have been diagnosed by unaided clinical examination. Unfortunately, these studies are of limited relevance to the use of the dye as a screening test, because none were randomized controlled trials, none were conducted in a primary care setting, and most studies were case series conducted by specialists on high-risk populations, often with known lesions. Overall, the sensitivity of toluidine blue staining for the detection of oral cancers has ranged from 0.78 to 1.00 and the specificity from 0.31 to 1.00.

Critical evaluation of diagnostic aids for the detection of oral cancer

Mark W. Lingen^{1*}, John R. Kaimar^{2,3*}, Theodore Harrison^{4,7}, Paul M. Speight^{4,8}

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²Section of Oral and Maxillofacial Surgery, Pathology and Dental Anesthesiology, The Ohio State University College of Dentistry, Columbus, OH 43210, USA
³Departments of Health Studies, The University of Chicago, 5841 S. Maryland Avenue, Chicago, IL 60637, USA
⁴Departments of Oral Pathology, The University of Sheffield, Clarendon Road, Sheffield S10 2TA, Sheffield, UK

Received 20 April 2007; revised in revised form 21 June 2007; accepted 22 June 2007

KEYWORDS: Oral cancer; Premalignancy; Screening; Diagnosis

Summary: Historically, the screening of patients for signs of oral cancer and precancerous lesions has relied upon the conventional oral examination. A variety of commercial diagnostic aids and objective techniques are available to potentially assist in the screening of healthy patients for evidence of otherwise occult mucosal changes to expose the high-risk potential of clinically abnormal mucosal lesions. This manuscript systematically and critically examines

Prevent information

Unmute Stop Video Security Participants Chat Share Screen Pause/Stop Recording Reactions End

1:50 PM 6/12/2020

Zoom Meeting

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VELSCOPE

portable device


```
graph TD; A[AUTOFLUORESCENCE] --> B[BLUE EXCITATION LIGHT]; B --> C[NORMAL PALE GREEN]; B --> D[ABNORMAL/SUSPICIOUS TISSUE: DARK];
```

1:52 PM
6/12/2020

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STEPS IN APPLICATION:

- Rinse mouth with water for 20s
- Rinse with 1% acetic acid for 20s
- Rinse with 5ml of 1% Toluidine blue
- Rinse with 1% acetic acid for 20s
- Rinse with water

1:48 PM
6/12/2020

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

e-DISCUSSION FOR POSTGRADUATES

Date:13.06.2020

Session I :9:45pm-12:00pm

Faculty: Dr. Jagannatha G.V

PG Students: Dr. Sujatha Devi
Dr. Nivedhitha M

Total No of PG Students: 2/2


Discussion topic: Case History discussion

Summary:

.A recap on history of presenting illness was done.Importance of Dental history and the attitude of the patient towards dental treatment was discussed.Importance of family history was discussed.A discussion on food pyramid was done.The students were asked to find about the psychological aspect of oral health,types of brushes,food guide and food plate.

10:40    •


 Recording

PERSONAL HISTORY

- Number & age of siblings: (taken mainly for children)
- If patient is a married woman
 - ✓ Number of children
 - ✓ Delivery Complications
- Personal Habits
 - ✓ Smoking- number/ frequency/duration
 - ✓ Pan chewing- Frequency/ duration/ number
 - ✓ Alcoholism- Frequency/ duration/ quantity.



10:41

 Recording

■ Habits

- Habit can be defined as a fixed or constant practice established by frequent repetition (Dorland 1957).
- Mouth breathing / Thumb sucking/ Nail biting/ tongue thrusting/Bruxism.
- Thumb sucking indicates lack of feeding insecurity.
- Bruxism- stress, anxiety, worm infestations.
- Mouth breathing- Habitual, systemic causes.



10:42


4G HD



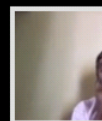
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 Recording**■ Habits**

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Participants






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11:58




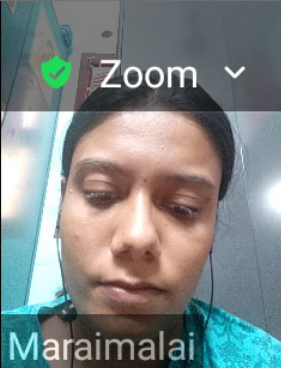
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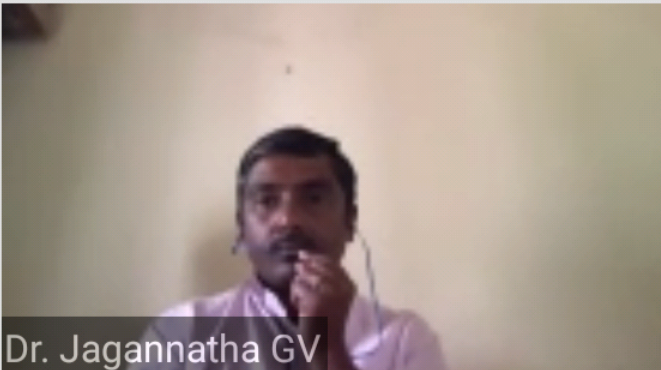
Nivedhitha Maraimalai




Sujatha Devi





Vishnu Kumar





Dr. Jagannatha GV

 Mute


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 Participants

 More

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11:59



HD 4G



Ragavi vijayan



11:59    •

  4G   

Close

Participants (5)



Nivedhitha Maraimalai (me)



Dr. Jagannatha GV (host)



Ragavi vijayan



Sujatha Devi



Vishnu Kumar



Invite



DEPARTMENT OF PUBLIC HEALTH DENTISTRY

e-DISCUSSION FOR POSTGRADUATES

Date:13-06-2020

Session II: 5.50pm -6.30 pm

Faculty: Dr. Jagannatha G.V

PG Students: Dr.Sujatha Devi
Dr.Niveditha

Total No of PG Students: 2/2

Discussion topic: Oral Hygiene Practices

Summary :

A brief discussion about the do's and don't of brushing, the effects of improper brushing was discussed in brief. The importance of brushing and its mechanism of prevention of plaque formation was explained. The main necessity of the tooth paste to be used for refreshment and lubrication for the brushing was explained the two types dentifrices cosmetic and therapeutic dentifrices were explained. The main categories of therapeutic dentifrices the fluoride containing and calculus inhibiting types were explained in brief. The students were asked to find out about the different types of dentifrices and its composition and action of the components.

