



KARPAGA VINAYAGA INSTITUTE OF DENTAL SCIENCES

GST Road, Chinna Kolambakkam, Padalam (po), Chengalpattu (dt)
Madhuranthagam(tk), Tamilnadu 603 308

LIST OF ACTIVITIES DONE IN COLLABORATING AGENCIES (MOU) FOR THE YEAR 2016- 2021

SI.NO	AGENCY	YEAR	ACTIVITY
1.	KARPAGA VINAYAGA COLLEGE OF ENGINEERING,MADHURANTHA GAM, CHENGALPETTU . (RESEARCH ACTIVITY)	2020-21	1
2.	VINAYAKA DENTAL LAB , CHEPAK,CHENNAI . (RESEARCH ACTIVITY)	2020-21	1
3.	ADI PARASAKTHI DENTAL COLLEGE AND HOSPITAL, MELMARUVATHUR . (FACULTY EXCHANGE AND STUDENT EXCHANGE)	2020-21	1
4.	INDIAN DENTAL ASSOCIATION(IDA)-SOUTH CHENNAI BRANCH (FACULTY EXCHANGE AND STUDENT EXCHANGE)	2019-20	1
5.	INDIAN DENTAL ASOCIATION (IDA)-SOUTH CHENNAI BRANCH . (FACULTY EXCHANGE AND STUDENT EXCHANGE)	2018-19	1
6.	INDIAN DENTAL ASSOCIATION (IDA)-SOUTH CHENNAI BRANCH (FACULTY EXCHANGE AND STUDENT EXCHANGE)	2016-17	1

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ACTIVITIES OF COLLABORATIVE PROGRAM

2020-2021

RESEARCH ACTIVITY

Dr. Tamizlmani J, Reader Department of Orthodontics

TOPIC: Comparative evaluation of color stability of different orthodontic elastomeric ligatures modules using spectrophotometer.

ABSTRACT:

AIM: The objective of this study is to evaluate discolouration of different elastomeric modules during leveling and aligning stage in patients undergoing fixed orthodontic therapy.

MATERIALS AND METHODS:

Thirty patients undergoing orthodontic treatment were selected. All patients underwent fixed orthodontic appliances with preadjusted edge wise appliances. Three types of elastomeric modules were selected (ORMCO, 3M, LANCET). The elastomeric modules were stretched and placed in 0.22 MBT bracket slot and assessed for the colour stability for a period of two weeks (To), three weeks (T1), Four weeks (T2). Colour stability (caffeine, Orange) of elastomeric modules on exposure to food beverages were assessed each for three months with break period of one month (Non consumption of beverages).

Duration of the study : six months

Inclusion criteria:

- Patients who were to undergo orthodontic treatment with pre adjusted edge wise appliance with 0.22 MBT slot.
- Patients with no history of any systemic illness
- Clinically healthy periodontium with no radiographic evidence of bone loss
- Individuals with permanent dentition



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Exclusion criteria:

- Subjects with any history of systemic disease or under any medication. Or under any medication
- Subjects with smoking and alcohol habits.

Instruments used : Digital spectrophotometer were used to calibrate the colour stability of elastomeric modules. The instrument were assessed from Department of Biotechnology, from Karpaga Vinayaga Engineering college.

FUNDING : Self funding.

PRINCIPAL INVESTIGATOR

DR.TAMIZHMANI

READER

DEPARTMENT OF ORTHODONTICS

KARPAGA VINAYAGA INSTITUTE OF DENTAL SCIENCES

GUIDED BY

DR.THIRUNAVUKKARASU

PROFFESOR & HOD

DEPARTMENT OF ORTHODONTICS

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ACTIVITIES OF COLLABORATIVE PROGRAM

2020-2021

RESEARCH ACTIVITY

Dr. Madhu bala , P.G. Student Department of Prosthodontics

“ EVALUATION OF THE COLOR STABILITY OF CAD-CAM MILLED PROVISIONAL RESTORATIONS ON EXPOSURE TO BEVERAGES– AN IN-VITRO STUDY”

INTRODUCTION:

Fabrication of provisional restoration is an important aspect in fixed partial denture treatment. The ideal provisional restoration must satisfy the requirements of pulp protection, esthetics, positional stability, occlusal function and marginal accuracy. These restorations are used as an intermediate stage for short or long-term placement on teeth between the time of tooth preparation until the definitive restorations are fabricated and placed. The evolution of CAD /CAM technology has allowed the successful use of different materials. It has been reported that CAD/ CAM provisional crowns were stronger and exhibited better marginal accuracy when compared to conventional provisional crowns.

OBJECTIVES:

To evaluate the color stability of CAD CAM milled provisional restorations on exposure to beverages.

METHODOLOGY:

Study design: In vitro study.

Study setting: Laboratory. (Department of Prosthodontics , Karpaga Vinayaga Institute Of Dental Sciences, Madhuranthagam.)

Study duration: 1month.

Study population: NA



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Sample size and sampling: Total samples: 160. Divided into 4 groups. Group A consist of CAD CAM milled PEEK, Group B consist of CAD CAM PMMA, Group C consist of CAD CAM Composite and Group D consist of conventional PMMA. Each group will be immersed in the following solutions such as tea, coffee, soft drink and distilled water.

Inclusion criteria: NA

Exclusion criteria: NA

Study instruments: Measurement of color using Spectrophotometer at VINAYAGA
DENTAL LAB

Data collection:

Materials: Four types of provisional restorative materials will be used: CAD CAM milled PEEK, PMMA and composite and conventional PMMA. Distilled water (control) and three types of beverages will be used: tea, coffee and soft drink. Storage of each sample in artificial saliva (ICPA wet mouth for dry mouth) in a closed container.

Operation Definition: 160 samples will be selected as follows: Group A consist of CAD CAM milled PEEK, Group B consist of CAD CAM PMMA, Group C consist of CAD CAM Composite and Group D consist of conventional PMMA. Each group will be immersed in the following solutions such as tea, coffee, soft drink and distilled water for 7 days. Samples baseline color values will be recorded by using a color spectrophotometer by an experienced operator. Color measurements will be recorded after immersion and color differences will be calculated among the groups.

Data analysis: The data will be compiled systematically in Microsoft excel spreadsheet and subjected to statistical analysis using statistical package for social sciences (SPSS) software.

Ethical issues: Permission applied to the institutional ethical committee.

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FACULTY EXCHANGE AND STUDENT EXCHANGE FOR THE YEAR 2020-2021

VENUE: CME HALL KARPAGA VINAYAGA EDUCATIONAL GROUP

DATE: TIMING: 10.30am to 11.30am

ORGANISER: ADI PARASAKTHI DENTAL COLLEGE AND HOSPITAL

KarpagaVinayaga Institute of Dental Sciences collaborated with Adi parasakthi dental college and hospital , Melmaruvathur conducted a Programme on 10,11 and 12 March 2021 on Cephalometric tracing and Surgical Treatment Planning.

From the Captain's Desk



It gives me immense pleasure in hosting postgraduates and young surgeons and orthodontists of Oral and Maxillofacial Surgery and Orthodontics from various colleges to participate in this preliminary session of Orthognathic Surgery (Cephalometric Tracing and Surgical Treatment Planning) to impart the importance of Basic Surgical Planning in Orthognathic Surgery. This preliminary session will be conducted in our Department skill lab of Karpaga Vinayaga Institute of Dental Science. All the participants will be given individual assistance in the preliminary session which will enhance their knowledge in basic surgical planning in orthognathic surgery.

I request the postgraduates, young surgeons and orthodontists of Oral and Maxillofacial Surgery and Orthodontics to utilise this 3 days workshop (Cephalometric Tracing and Surgical Treatment Planning) to your fullest.

I thank from the bottom of my heart the management of Karpaga Vinayaga Institute of Dental Science and Adhiparasakthi Dental College and Hospital for giving me this wonderful opportunity in taking knowledge to the young minds.

Prof. Dr. B. Balagoban, MD, Department of ODS, KIDS

This is just the beginning

For Registration Contact
Dr. Deepak Valu
Mob: 95660 44074

KIDS-Adhiparasakthi Confluence 2021
AN OMFS AND ORTHODONTICS CONFLUENCE

ADHIPARASAKTHI DENTAL COLLEGE AND HOSPITAL

KARPAGA VINAYAGA INSTITUTE OF DENTAL SCIENCES

An Inter Collegiate
3 DAY COMPREHENSIVE CERTIFICATE COURSE & WORKSHOP
On
Cephalometric Tracing and Surgical Treatment Planning
10, 11 & 12th MARCH 2021

BROCHER OF COLLOBORATIVE ACTIVITY AND WORKSHOP



KARPAGA VINAYAGA INSTITUTE OF DENTAL SCIENCES

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WELCOME SPEECH DR. DEEPAK



PRESENTATION FROM GUEST SPEAKER

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FACULTY EXCHANGE AND STUDENT EXCHANGE FOR THE YEAR 2019-2020

VENUE: CME Lecture Hall Karpaga Vinayaga Institute of medical sciences .

DATE: 06-09-2019 **TIMING:** 10.00am to 11.00am

ORGANISER : INDIAN DENTAL ASSOCIATION - SOUTH CHENNAI BRANCH

KarpagaVinayaga Institute of Dental Sciences collaborated with Indian Dental Association – South Chennai branch conducted a Programme on 06.09.2019.

Lecture on RESEARCH at CME Lecture hall Karpaga vinayaga institute of Medical sciences



TOKEN OF APPRECIATION

LECTURE BY DR.GANESH



TOTAL NO OF PARTICIPANTS	FACULTY , INTERNS AND FINAL YEARS	137
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SIGNATURE OF DEAN



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FACULTY EXCHANGE AND STUDENT EXCHANGE FOR THE YEAR 2018-19

VENUE:KUNNAVAKKAM

DATE:31.05.2019 TIMING: 12.00pm to 1.30pm

ORGANISER : INDIAN DENTAL ASSOCIATION - SOUTH CHENNAI BRANCH

KarpagaVinayaga Institute of Dental Sciences collaborated with Indian Dental Association – South Chennai branch conducted a Programme on 31.05.2019

Screening of Patient on Tobacco usage in the industrial place at Ambedkar street no.218 Kunnavakkam,Anjur,Kancheepuram.




ORGANIZING TEAM



SCREENING OF PATIENTS

TOTAL NO OF PARTICIPANTS	FACULTY and INTERNS	42
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FACULTY EXCHANGE AND STUDENT EXCHANGE FOR THE YEAR 2016-17

VENUE: HOTEL GRAND PALACE, PALLAVARAM, CHENNAI.

DATE: 10.07.2018 TIMING: 3.00pm to 4.00pm

ORGANISER : INDIAN DENTAL ASSOCIATION - SOUTH CHENNAI BRANCH

Karpaga Vinayaga Institute of Dental Sciences collaborated with Indian Dental Association – South Chennai branch conducted a Programme on 10.07.2018

Lecture on clinical pearls in conservative dentistry at hotel grand palace , pallavaram , Chennai .

INDIAN DENTAL ASSOCIATION - SOUTH CHENNAI BRANCH
CDE PROGRAM
on
**CLINICAL PEARLS IN
CONSERVATIVE DENTISTRY**

Speaker: Dr.S.M.Venkatesh, MDS
Professor, Conservative Dentistry & Endodontics
Ragas Dental College & Hospital

10th July, 2018 3.00 pm to 4.00 pm
Hotel Grand Palace, Pallavaram, Chennai

Registration fee
Rs 200/- for Non South Chennai IDA members
Free - South Chennai IDA members

President: Dr.T.Saravanan
CDE Convener: Dr.Vignesh Guptha
Secretary: Dr.V.Sudhakar

Sponsored by: ALKEM
Contact: Dr.Nagappan - Joint Secretary - 9884350036
Dr.Arunachalam - Treasurer - 9884305221



**BROCHER OF THE
PROGRAMME**

TOKEN OF APPRECIATION

TOTAL NO OF PARTICIPANTS	FACULTY, INTERNS, FINAL YEAR STUDENTS	70
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Meera Thirumakar

PRINCIPAL
KARPAGAVINAYAGA INSTITUTE OF DENTAL SCIENCES
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PALAYANOOR POST, MADURANTHAGAM TK,
KANCHEEPURAM DISTRICT-603 308.

SIGNATURE OF PRINCIPAL