

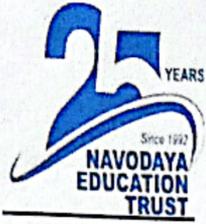


3.5.1: Average number of Collaborative activities for research, faculty exchange, student exchange/ Industry-internship etc. per year for the last five years

CERTIFIED COPIES OF COLLABORATION DOCUMENTS AND EXCHANGE VISITS

INDEX SHEET

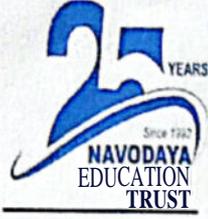
SR.NO	DESCRIPTION	PG.NO
1	CERTIFICATE OF THE HEAD OF THE INSTITUTION	2
2	Documentary evidence/agreement in support of collaboration	4



Navodaya Education Trust ®
Navodaya Dental College
Raichur



CERTIFICATE OF THE HEAD OF THE INSTITUTION



Navodaya Education Trust ®
Navodaya Dental College
Raichur



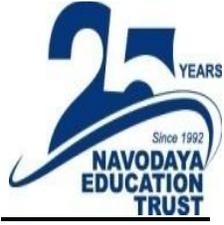
TO WHOMSOEVER IT MAY CONCERN

This is to certify that the number of Collaborative activities for research, faculty exchange, student exchange/ Industry-internship etc. per year for the last five years are given below:

YEAR	2020-21	2019-20	2018-19	2017-18	2016-17
TOTALNO OF ACTIVITY	22	27	17	16	14


PRINCIPAL

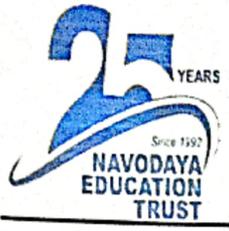
Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



Navodaya Education Trust ®
Navodaya Dental College
Raichur



Documentary evidence/agreement in support of collaboration



Navodaya Education Trust ®
Navodaya Dental College
Raichur



25/3/2021,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Neurosurgery, Nimhans
Bengaluru.

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Neurosurgery from 1-4-2021 to 30-4-2021

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr. Shakeel Ahmad Mir.

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur

*Forwarded with request
to consider*

3

Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



National Institute of Mental Health & Neurosciences

(Institute of National Importance), Bengaluru-560029

ರಾಷ್ಟ್ರೀಯ ಮನೋವಿಕಲ ಸ್ವಾಸ್ಥ್ಯ ಮತ್ತು ನರೋಪಚಾರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ, (ರಾಷ್ಟ್ರೀಯ ಮಹತ್ವದ ಸಂಸ್ಥೆ), ಬೆಂಗಳೂರು -560029
ರಾಷ್ಟ್ರೀಯ ಮನೋವಿಕಲ ಸ್ವಾಸ್ಥ್ಯ ಮತ್ತು ನರೋಪಚಾರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ (ರಾಷ್ಟ್ರೀಯ ಮಹತ್ವದ ಸಂಸ್ಥೆ), ಬೆಂಗಳೂರು-560029

Ref: NIMH/HS/NS/PGT/2021-22/20

Date: 29/05/2021

DEPARTMENT OF NEUROSURGERY

ATTENDANCE CERTIFICATE

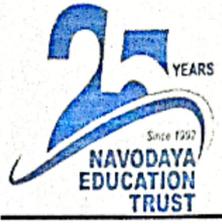
This is to certify that **DR. SHAKEEL AHMAD MIR**, Post graduate student from the Dept. of Oral & maxillofacial surgery from Navodaya Dental College has completed his training in the Department of Neurosurgery at this Institute from 01/04/2021 to 30/04/2021.

DR. DWARAKANATH S
Professor & HOD

ರಾಷ್ಟ್ರೀಯ ಮನೋವಿಕಲ ಸ್ವಾಸ್ಥ್ಯ ಮತ್ತು ನರೋಪಚಾರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ
DR. DWARAKANATH S
ಪ್ರೊಫೆಸರ್ & ಹೆಡ್
ನರೋಪಚಾರ ವಿಜ್ಞಾನ ವಿಭಾಗ
ಕೆ.ಎಂ.ಸಿ. 464
ನರೋಪಚಾರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ
ರಾಷ್ಟ್ರೀಯ ಮನೋವಿಕಲ ಸ್ವಾಸ್ಥ್ಯ ಮತ್ತು ನರೋಪಚಾರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ
ಬೆಂಗಳೂರು-560029

To
The Principal
Dept. of General Surgery,
Navodaya Dental College,
Raichur.

Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



25/2/2021,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Neurosurgery, Nimhans
Bengaluru.

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Neurosurgery from 1-3-2021 to 30-3-2021

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr. Tabassum.

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur

Request to permit

2

Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



National Institute of Mental Health & Neurosciences

(Institute of National Importance), Bengaluru-560029

ರಾಷ್ಟ್ರೀಯ ಮಹತ್ವದ ಸಂಸ್ಥೆಯಾಗಿ ಘೋಷಿಸಲಾಗಿದೆ, (ರಾಷ್ಟ್ರೀಯ ಮಹತ್ವದ ಸಂಸ್ಥೆಯಾಗಿ), ಬೆಂಗಳೂರು-560029
ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಅಧೀನದಲ್ಲಿ, (ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಅಧೀನದಲ್ಲಿ), ಬೆಂಗಳೂರು-560029

Ref: NIMH/HS/NS/1007/2020-21/16

Date: 30/03/2021

DEPARTMENT OF NEUROSURGERY

ATTENDANCE CERTIFICATE

This is to certify that **DR.TABASSUM**, Post graduate student from the Department of Oral & maxillofacial surgery from Navodaya Dental College has completed her training in the Department of Neurosurgery at this Institute from 01/03/2021 to 30/03/2021.

DR.DWARAKANATH S

Professor & HOD

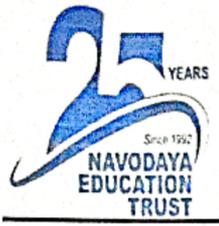
ಡಾ. ದ್ವಾರಕಾನಾಥ ಶ್ರೀನಿವಾಸ, ಪ್ರೊಫೆಸರ್ & ಹೆಡ್
Dr. DWARAKANATH SRINIVAS M.S. MCh
FACR (F. R.C.S. (S)) / Professor & Head
Department of Neurosurgery, Navodaya Dental College,
Raichur, Karnataka, India. Contact: 9448111111
National Institute of Mental Health & Neuro Sciences
Bangalore-560 029 India, Bengaluru-560 029 INDIA

To
The Principal
Dept. of General Surgery,
Navodaya Dental College,
Raichur.

Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.

☎ 26562121, 26995000, 26995100, 26995200, 269953000, 26995400

Fax : 91-80-26564830, 91-80-26562121, 91-80-26566811, Website: <http://www.nimhans.kar.nic.in>



25/1/2021,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Neurosurgery, Nimhans
Bengaluru.

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Neurosurgery from 1-2-2021 to 28-2-2021

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr. Dimple Jain

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur.

Requester to permit.

1

Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



National Institute of Mental Health & Neurosciences

(Institute of National Importance), Bengaluru-560029

ರಾಷ್ಟ್ರೀಯ ಮನಃಶಿಕ್ಷಣ ಮತ್ತು ನರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ, (ರಾಷ್ಟ್ರೀಯ ಮಹತ್ವದ ಸಂಸ್ಥೆ), ಬೆಂಗಳೂರು - 560029
ರಾಷ್ಟ್ರೀಯ ಮನಃಶಿಕ್ಷಣ ಮತ್ತು ನರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ (ರಾಷ್ಟ್ರೀಯ ಮಹತ್ವದ ಸಂಸ್ಥೆ) Bengaluru-560029

Ref: NIMH/HS/NS/PGT/2020-21/08

Date: 01/03/2021

DEPARTMENT OF NEUROSURGERY

ATTENDANCE CERTIFICATE

This is to certify that **DR. DIMPLE JAIN**, Post graduate student from the department of Department of Oral & maxillofacial surgery, has completed his training in the Department of Neurosurgery at this Institute from 01/02/2021 to 28/02/2021.

DR. DWARAKANATH S
Professor & HOD

To
The Principal
Department of Oral & maxillofacial surgery,
Navodaya Dental College,
Raichur.

Dr. GIRISH KATTI M.D.S.
PRINCIPAL

NAVODAYA DENTAL COLLEGE
RAICHUR-584 103

☎ 26562121, 26995000, 26995100, 26995200, 26995300, 26995400
Fax : 91-80-26564830, 91-80-26562121, 91-80-26566611, Website: www.nimhans.kar.nic.in

1/1/2020,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Durga Hospitals
Vishakhapatnam

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Head and Neck oncology from 15-1-2020 to 15-2-2020.

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr. Sherish M Mathew .

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur


PRINCIPAL
Navodaya Dental College,
RAICHUR



[A unit of M/s, SMILECARE MULTI SPECIALITY HOSPITALS INDIA (PRIVATE) LTD]
Durga Hospitals, 36-91-108, Beside SBI, Urvasi In., Kancharapalem,
N.H. 5, Visakhapatnam, PIN 530 008, Andhra Pradesh, INDIA
Email Id - durgahospitals1@gmail.com
Telephone Number: 0891 2558037, 2513636 Cell No 90300 12859

Certified ISO 9001:2008

Date:-15-02-2020

ATTENDANCE CERTIFICATE

This is to certify that Dr. Shreish M Mathew, post graduate student from Department of Oral and Maxillofacial surgery, Navodaya Dental College, Raichur has completed her training in Cleft posting at this hospital from 15-01-2020 to 15-02-2020.

To
The Principal
Navodaya Dental College
Raichur



S. D. V. Prasad
S.D.V.PRASAD

HR-MANAGER
DURGA HOSPITALS

Girish Katti

◆ 100 Bedded Multi Specialty Hospital ◆ ICU ◆ Digital X-Ray Unit ◆ Ultra Sound Scanning Machine ◆ CT Scan
◆ Dialysis Machines ◆ Laboratory Diagnostic Facilities ◆ 24 Hours Operation Theatres
◆ 24 Hours Lab ◆ 24 Hours pharmacy ◆ 24 x 7 Emergencies

Dr. GIRISH KATTI MDS
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



23/12/2020,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Brahma Kumaris Global Hospital And Research Centre
Mumbai.

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Head and Neck Oncology from 1-1-2021 to 31-1-2021

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr.Arhana Daisy Sophia Domingo.

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur.

Permitted
Vasanth
PRINCIPAL
Navodaya Dental College,
RAICHUR



— BRAHMA KUMARIS —
GLOBAL HOSPITAL & RESEARCH CENTRE
MANAGING
— BSES MUNICIPAL GENERAL HOSPITAL —

DATE -31.01.2021

TO WHOMSOEVER IT MAY CONCERN

THIS IS TO CERTIFY THAT DR. ARANHA DAISY SOPHIA DOMINGO HAS SUCCESSFULLY COMPLETED ONE MONTHS OBSERVERSHIP AT SWISS CLEFT & CRANIOFACIAL CENTRE, BSES MG HOSPITAL, MUMBAI FROM 01.01.2021 TO 31.01.2021. WE WISH HER ALL THE BEST AND BRIGHT FUTURE AHEAD.

DR. PARIT S. LADANI
PROJECT DIRECTOR
SWISS CLEFT CENTRE
BSES MG HOSPITAL
ANDHERI (W)

Dr. PARIT S. LADANI
B.D.S., M.D.S. (Oral & Maxillo-Facial Surgery)
Project Director &
Consultant Cleft & Maxillo-Facial Surgeon
BSES M.G. Hospital S.V. Road,
Opp. Bus Station Andheri (W) Mumbai -58

S. V. Road Opp. Railway Station, Andheri (W), Mumbai -400 058, INDIA • Tel: (91-22) 6648 7500 • Fax: (91-22) 2673 5000
E-mail: bsesmg_bk@ghrc-bk.org | www.globalhospitalmumbai.com

Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



4/12/2020,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Bhagwan Mahaveer Jain Hospital
Bangalore

Sub: Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Head And Neck Oncology from 15-12-2020 to 15-1-2021

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr. Pansuriyaishita Vallabbhai.

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur

permitted
Vansh
PRINCIPAL
Navodaya Dental College,
RAICHUR



**Bhagwan Mahaveer
JAIN HOSPITAL**
A Unit of Bhagwan Mahaveer Memorial Jain Trust
080 4087 5555 | 080 4110 0550-52
No. 17, Millers Road, Vasanthnagar
Bangalore 560052
website - www.bmjh.org

**Clinical
Services**



caring
with
compassion

Bangalore
Dated: 15.01.2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dr. Ishita Pansuriya, Post Graduate student, Department of Oral and Maxillofacial Surgery, Navodaya Dental college & hospital, Raichur, was posted for cleft Surgery under Smile Train at our hospital and regularly attended the posting from Dec 15th 2020 - Jan 15th 2021.

Dr. Krishnamurthy Bonanthaya
M.B.B.S, M.D.S, F.D.S.R.C.S, F.F.D.R.C.S
Consultant Maxillofacial Surgeon,
Project Director
Smile Train
Bhagwan Mahaveer Jain Hospital
Bangalore, India

Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



27/12/2019,

Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Neurosurgery, Nimhans
Bengaluru.

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Neurosurgery from 2-1-2020 to 31-1-2020

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student- Dr. Arhana Daisy Sophia domigo

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur

S. Srinivas
PRINCIPAL
Navodaya Dental College,
RAICHUR



National Institute of Mental Health & Neurosciences

(Institute of National Importance), Bengaluru-560029

ರಾಷ್ಟ್ರೀಯ ಮಹತ್ವದ ಸಂಸ್ಥೆಯಾಗಿ ಘೋಷಿಸಲಾಗಿದೆ, ಬೆಂಗಳೂರು-560029
ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಅಧೀನದಲ್ಲಿ, (ಪ್ರಮುಖ ಮಹತ್ವದ ಸಂಸ್ಥೆಯಾಗಿ) ಘೋಷಿಸಲಾಗಿದೆ, ಬೆಂಗಳೂರು-560029

Ref: NIMH/HS/NS/PGT/2020-21/09

Date: 31.01.2020

DEPARTMENT OF NEUROSURGERY

ATTENDANCE CERTIFICATE

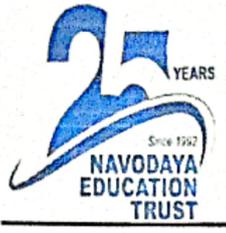
This is to certify that DR.ARANHA DAISY SOPHIA DOMINGO, Post graduate student from the department of OMFS, Navodaya Dental College and Hospital, Raichur has completed her training in the Department of Neurosurgery at this Institute from 02.01.2020 to 31.01.2020.

DR. DWARAKANATH S
Professor & HOD

To
The Principal
Navodaya Dental
College, Raichur.

ಶ್ರೀ ದ್ವಾರಕಾನಾಥ ಸೋನಿಯಾ, ಎಮ್.ಎಸ್.ಎಮ್.ಸಿ.
DR. DWARAKANATH SRINIVAS, M.S., M.Ch
ವೈದ್ಯಕೀಯ ಶಿಕ್ಷಣಾಧಿಕಾರಿ / Professor & Head
ಅನುಕ್ರಮಣಿಕೆ/Reg. No. KMC 46461
ವೈದ್ಯಕೀಯ ಶಿಕ್ಷಣಾಧಿಕಾರಿ / Department of Neurosurgery
ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಅಧೀನದಲ್ಲಿ, ರಾಜೀವ್ ಗಾಂಧಿ ನ್ಯಾಷನಲ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಮೆಂಟಲ್ ಹೆಲ್ತ್ & ನ್ಯೂರೊ ಸೈನ್ಸೆಸ್
ಬೆಂಗಳೂರು-560029

Dr. GIRISH KATTI M.B.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



23/12/2019
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Lake City Hospitals And Surgical Science
Bhopal

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Head and Neck Oncology from 1-1-2020 to 30-1-2020

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr. Abhilash Ajay Matele.

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur

Sewashita
PRINCIPAL
Navodaya Dental College,
RAICHUR



LAKECITY HOSPITAL & INSTITUTE OF SURGICAL SCIENCES PVT. LTD.

B-27, Kasturba Nagar, Near Chetak Bridge, Bhopal - 462023

Tel : 0755 - 2602501 2692502

Email : lakecityhospital@gmail.com Web : www.lakecityhospital.net

DATE 31/01/2020

ATTENDANCE CERTIFICATE

This is to certify that Dr. Abhilash Ajay Mahtole, Post Graduate Student from the Department of Oral and Maxillofacial Surgery, Navodaya Dental College and Hospital, Raichur has successfully completed his one - month training in Cleft Posting at this hospital from 01/01/2020 to 31/01/2020

To,

The Principal

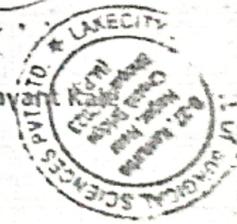
Navodaya Dental College

Raichur,

Dr. Anand Jayant

Director

Lakecity Hospital Bhopal



Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



9/12/2019,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Durga Hospitals
Vishakhapatnam

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Head and Neck Oncology from 15-12-2019 to 15-1-2020

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr. Chithaluru Aruna Jyothi.

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur


PRINCIPAL
Navodaya Dental College,
RAICHUR



DURGA
HOSPITALS

(A unit of M/s. SMILECARE MULTI SPECIALITY HOSPITALS INDIA (PRIVATE) LTD)
Durga Hospitals, 36-91-108, Beside SRI, Urvasi In., Kancharapalem,
N.H.-5, Visakhapatnam, PIN 530 008, Andhra Pradesh, INDIA
Email id. durgahospitals1@gmail.com
Telephone Number: 0891-2558037, 2513636 Cell No. 90300 12899

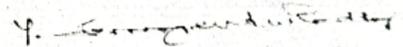
Certified ISO 9001:2008

Date:-15-01-2020

ATTENDANCE CERTIFICATE

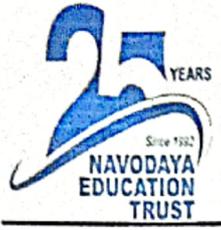
This is to certify that Dr. Chithaluru Aruna Jyothi,
post graduate student from Department of Oral and
Maxillofacial surgery, Navodaya Dental College,
Raichur has completed her training in Cleft posting
at this hospital from 15-12-2019 to 15-01-2020.

To
The Principal
Navodaya Dental College
Raichur


Managing Director
Dr. Y. SIVA NAGENDRA REDDY MDS
Authorised Medical Attendant
Dental & Maxillo-Facial Surgeon
Regd No. TN : 3402

◆ 100 Bedded Multi Specialty Hospital ◆ ICU ◆ Digital X Ray Unit ◆ Ultra Sound Scanning Machine ◆ CT Scan
◆ Dialysis Machines ◆ Laboratory Diagnostic Facilities ◆ The State-of-art 4 Operation Theatres
◆ 24 Hours Lab ◆ 24 Hours pharmacy ◆ 24 x 7 Emergencies

Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



24/10/2019,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Neurosurgery, Nimhans
Bengaluru.

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Neurosurgery from 1-11-2019 to 30-11-2019

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr. Aishwarya M U.

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital, Raichur

Scanshta
PRINCIPAL
Navodaya Dental College,
RAICHUR



National Institute of Mental Health & Neurosciences

(Institute of National Importance), Bengaluru-560029

ರಾಷ್ಟ್ರೀಯ ಮನಸ್ಸಿಕ ಸ್ವಾಸ್ಥ್ಯ ಮತ್ತು ನರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ, (ರಾಷ್ಟ್ರೀಯ ಮಹತ್ವದ ಸಂಸ್ಥೆ), ಬೆಂಗಳೂರು - 560029
ರಾಷ್ಟ್ರೀಯ ಮನಸ್ಸಿಕ ಆರೋಗ್ಯ ಮತ್ತು ನರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ (ರಾಷ್ಟ್ರೀಯ ಮಹತ್ವದ ಸಂಸ್ಥೆ) ಬೆಂಗಳೂರು-560029

Ref: NIMH/HS/NS/PGT/2019-20/08

Date: 12/12/2019

DEPARTMENT OF NEUROSURGERY

ATTENDANCE CERTIFICATE

This is to certify that **DR.AISHWARYA M U**, Post graduate student from the department of OMFS, Navodaya Dental College and Hospital, Raichur has completed her training in the Department of Neurosurgery at this Institute from 01.11.2019 to 30.11.2019.

DR. DWARAKANATH S

Professor & HOD

ಡಾ. ದ್ವಾರಕಾನಾಥ ಶ್ರೀನಿವಾಸ, ಎಂ.ಎಂ. ಎಸ್.ಸಿ.ಎಚ್.

Dr. DWARAKANATH SRINIVAS, M.S. M.Ch

ಮಹಾನ್ಮಾನ್ಯ ಮತ್ತು ವಿಭಾಗಾಧ್ಯಕ್ಷ / Professor & Head

ಅನುಕ್ರಮಿಕ/Reg. No. KMC 46461

ವೈದ್ಯಕೀಯ ವಿಜ್ಞಾನ ವಿಭಾಗ / Department of Neurosurgery

ರಾಷ್ಟ್ರೀಯ ಮನಸ್ಸಿಕ ಆರೋಗ್ಯ ಮತ್ತು ನರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ

National Institute of Mental Health & Neuro Sciences

ಬೆಂಗಳೂರು-560 029 ಇಂಡಿಯಾ, Bengaluru-560 029 INDIA

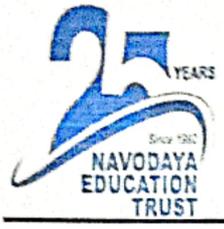
To
The Principal
Navodaya Dental
College, Raichur.

Dr. GIRISH KATTI M.D.S.

PRINCIPAL

NAVODAYA DENTAL COLLEGE

☎ 26562121, 26995400, 26561103, 26995400, 26995400, 26995400
Fax : 91-80-26564830, 91 80 26552121, 91 80-26566811, Website: <http://www.nimhans.kar.nic.in>



23/9/2019,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Neurosurgery, Nimhans
Bengaluru.

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Neurosurgery from 1-10-2019 to 31-10-2019.

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr. Pansuriya Ishita Vallabhai.

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur


PRINCIPAL
Navodaya Dental College,
RAICHUR



National Institute of Mental Health & Neurosciences

(Institute of National Importance), Bengaluru-560029

ನಾಶಿಕ ಸ್ವಾಸ್ಥ್ಯ ಉಚಿತ ವಿಜ್ಞಾನ ಸಂಸ್ಥಾನ, (ರಾಷ್ಟ್ರೀಯ ಮಹತ್ವದ ಸಂಸ್ಥಾನ), ಬೆಂಗಳೂರು -560029

ರಾಷ್ಟ್ರೀಯ ಮಹತ್ವದ ಅಧ್ಯಯನ ಮತ್ತು ಸಂಶೋಧನಾ ಸಂಸ್ಥೆ, (ರಾಷ್ಟ್ರೀಯ ಪ್ರಾಮುಖ್ಯತೆ ಸಂಸ್ಥೆ), ಬೆಂಗಳೂರು-560029

Ref: NIMH/HS/NS/PGT/2019-20/01

Date: 31/10/2019

DEPARTMENT OF NEUROSURGERY

ATTENDANCE CERTIFICATE

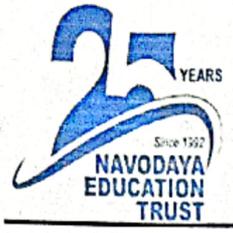
This is to certify that **DR.PANSURIYA ISHITA VALLABHBHAI**, Post graduate student from the department of OMFS, Navodaya Dental College and Hospital, Raichur has completed her training in the Department of Neurosurgery at this Institute from 01.10.2019 to 31.10.2019.

DR.MALLA BHASKARA RAO
Professor & HOD

Dr. Malla Bhaskara Rao, Professor & HOD, Department of Neurosurgery, National Institute of Mental Health & Neurosciences, Bengaluru-560029.

To
The Principal
Navodaya Dental
College, Raichur.

Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



26/8/2019,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Oncology, Tata Memorial Hospital
Mumbai.

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Head and Neck oncology from 3-9-2019 to 30-9-2019

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr. Arhana Daisy Sophia Domingo

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur


PRINCIPAL
Navodaya Dental College,
RAICHUR



TATA MEMORIAL CENTRE



Certificate

TATA MEMORIAL HOSPITAL CERTIFIES THAT

DR. Daisy Sophia Domingo Arunha

HAS SATISFACTORILY COMPLETED CLINICAL OBSERVERSHIP / TRAINING

IN THE DEPARTMENT OF Head & Neck Oncology

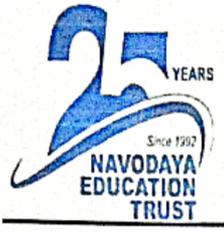
FROM 03 / 09 / 2019 TO 30 / 09 / 2019

Authorized signatory
Observer Cell

Head of Unit / Department

Director Academics

Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



28/1/2019,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
GSR Institute Of Craniofacial And facial Plastic Surgery
Hyderabad (Cleft Lip Society)

Sub: Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Craniofacial And facial Plastic Surgery from 2-4-2018 to 30-4-2018

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr.Darshan.

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur

Saurabh
PRINCIPAL
Navodaya Dental College,
RAICHUR



National Institute of Mental Health & Neurosciences

(Institute of National Importance), Bengaluru-560029

राष्ट्रीय मानसिक स्वास्थ्य एवं तंत्रिका विज्ञान संस्थान, (राष्ट्रीय महत्व का संस्थान), बैंगलूरु -560029
ರಾಷ್ಟ್ರೀಯ ಮನಃಶಿಕ್ಷಣ ಮತ್ತು ನರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ, (ರಾಷ್ಟ್ರೀಯ ಅತ್ಯುನ್ನತ ಸಂಸ್ಥೆ), ಬೆಂಗಳೂರು-560029

Ref: NIMH/IIS/AS/PGT/2018-19/03

Date: 01/05/2018

DEPARTMENT OF NEUROSURGERY

ATTENDANCE CERTIFICATE

This is to certify that **DR.DARQSHAN**, Post graduate student from the department of OMFS, Navodaya Dental College, Raichur has completed his training in the Department of Neurosurgery at this Institute from 02.04.2018 to 30.04.2018.

DR.DWARAKANATH SRINIVAS

Professor & HOD I/C

ಪ್ರೊಫೆಸರ್(ವಿಶೇಷ ಖನಿಜಿಯಮ್, ಕರ್ ನೆರಲ

Dr. DWARAKANATH SRINIVAS, M.Ch

ಪ್ರೊಫೆಸರ್/ HOD I/C

ಕರ್ನಾಟಕ ವೈದ್ಯಕೀಯ ಕಾಲೇಜು, ಕೆ.ಆರ್.ಎಸ್. ಸಿಟಿ, ಬೆಂಗಳೂರು-560029

ಕರ್ನಾಟಕ ವೈದ್ಯಕೀಯ ಕಾಲೇಜು, ಕೆ.ಆರ್.ಎಸ್. ಸಿಟಿ, ಬೆಂಗಳೂರು-560029

National Institute of Mental Health & Neurosciences

ರಾಷ್ಟ್ರೀಯ ಮನಃಶಿಕ್ಷಣ ಮತ್ತು ನರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ

ಬೆಂಗಳೂರು-560029

To
The Principal
Navodaya Dental
College, Raichur.

Dr. GIRISH KATTI M.D.S.

PRINCIPAL

NAVODAYA DENTAL COLLEGE

RAICHUR-584 103.

☎ 26562121, 26995000, 26995100, 26995200, 269953000, 26995400

Fax : 91-80-26564830, 91-80-26562121, 91-80-26566811, Website: <http://www.nimhans.kar.nic.in>

28/1/2019,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Neurosurgery, Nimhans
Bengaluru

Sub: Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Craniofacial And facial Plastic Surgery from 4-2-2019 to 28-2-2019

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr. Daraqshan.

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur


PRINCIPAL
Navodaya Dental College,
RAICHUR



CERTIFICATE

GSR

INSTITUTE OF CRANIOFACIAL
AND FACIAL PLASTIC SURGERY
(Unit of Hyderabad Cleft Society)

This is to certify that

Dr. DARAQSHAN

Post graduate student, Department of Oral & Maxillofacial Surgery,
NAVODAYA DENTAL COLLEGE & HOSPITAL, RAICHUR

has been doing Observership in this hospital for Cleft, Craniofacial and Facial Plastic Surgery from **4th February 2019 to 28th February 2019**. During this period she has been associated with ward management, out patient management, night duties, and pre-surgical work up of patients, surgical assistantship and craniofacial analysis for developmental defects and presented a seminar.

Her dealings with patients and staff are excellent.

I wish her the best for all future endeavors.

Dr. Ashish Fanan

GSR Hospital: 17-1-16455, Vinay Nagar, J. S. Sadan, Saidabadi, Hyderabad-509959, Andhra Pradesh, India

Telephone: +91 40 65764884, Facsimile: +91 40 24530000

Email: info@craniofacialinstitute.org

www.craniofacialinstitute.org

Dr. Gosla Srinivas Reddy

Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



24/5/2018,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
GSR Institute Of Craniofacial And facial Plastic Surgery
Hyderabad (Cleft Lip Society)

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Craniofacial And facial Plastic Surgery from 1-6-2018 to 30-1-2021

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr.Nitish Chandra Gupta.

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur


PRINCIPAL
Navodaya Dental College,
RAICHUR



CERTIFICATE

GSR

INSTITUTE OF CRANIOFACIAL
AND FACIAL PLASTIC SURGERY
(Unit of Hyderabad Cleft Society)

This is to certify that

Dr. NITISH CHANDRA GUPTA

Post graduate student, Department of oral & maxillofacial surgery,

NAVODAYA DENTAL COLLEGE, RAICHUR

has been doing Observership in this hospital for Cleft, Craniofacial and Facial Plastic Surgery from 1st JUNE 2018 to 30 JUNE 2018. During this period he has been associated with ward management, out patient management, night duties, and pre- surgical work up of patients, surgical assistantship and craniofacial analysis for developmental defects. His dealings with patients and staffs are excellent.

I wish him the best for all future endeavors.

Dr. Gosla Srinivas Reddy

Director

GSR Hospital 17-1-383/55, Vimar Nagar, L.S. Sadam, Saadabad Hyderabad, 500039, Andhra Pradesh, India
Telephone: +91 40 65764884, Facsimile: +91 40 24530000
Email: info@craniofacialinstitute.org
www.craniofacialinstitute.org

Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



RAICHUR

NET's
NAVODAYA DENTAL COLLEGE,

OFFICE OF THE PRINCIPAL

26/4/2018,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Neurosurgery, Nimhams
Bengaluru

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Neurosurgery from 1-5-2018 to 30-5-2018

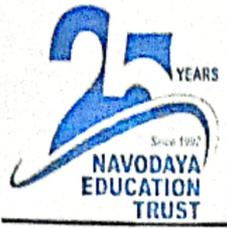
We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr.Chithaluru Aruna Jyothi.

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur

Seenuchet
PRINCIPAL
Navodaya Dental College,
RAICHUR



26/3/2018,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Neurosurgery, Nimhans
Bengaluru

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Neurosurgery from 2-4-2018 to 30-4-2018

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr.Arjun Das V.

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur

Seenu
PRINCIPAL
Navodaya Dental College,
RAICHUR



National Institute of Mental Health & Neurosciences

(Institute of National Importance), Bengaluru-560029

राष्ट्रीय मानसिक स्वास्थ्य एवं तंत्रिका विज्ञान संस्थान, (राष्ट्रीय महत्व का संस्थान), बंगलूर -560029
ರಾಷ್ಟ್ರೀಯ ಮನಸ್ಸಿನ ಆರೋಗ್ಯ ಮತ್ತು ನರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ, (ರಾಷ್ಟ್ರೀಯ ಪ್ರಾಮುಖ್ಯತೆ ಸಂಸ್ಥೆ), ಬೆಂಗಳೂರು 560029

Ref: NIMH/HS/NS/PGT/2018-19/03

Date: 01/05/2018

DEPARTMENT OF NEUROSURGERY

ATTENDANCE CERTIFICATE

This is to certify that **DR.ARJUN DAS V.S** Post graduate student from the department of OMFS, Navodaya Dental College, Raichur has completed his training in the Department of Neurosurgery at this Institute from 02.04.2018 to 30.04.2018.

DR.DWARAKANATH SRINIVAS

Professor & HOD I/C

ಪ್ರೊ. ದ್ವಾರಕಾನಾಥ ಶ್ರೀನಿವಾಸ, ಡಿ.ಎಚ್.ಐ.

Dr. DWARAKANATH SRINIVAS, MCh

ಪ್ರಾಚಾರ್ಯ / ಪ್ರೊಫೆಸರ್ & ಹೆಡ್ / ಐ.ಸಿ.

ಬೆಂಗಳೂರು-560029 / ರೆಜ. ನಂ. KMC 46461

ಪರಿಷ್ಕರಿಸಿದ ಮನಃವಿಜ್ಞಾನ ವಿಭಾಗ / Department of Neurosurgery

National Institute of Mental Health & Neurosciences

ರಾಷ್ಟ್ರೀಯ ಮನಸ್ಸಿನ ಆರೋಗ್ಯ ಮತ್ತು ನರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ

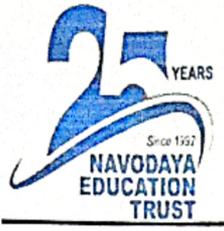
ಬೆಂಗಳೂರು-560029 / ರೆಜ. ನಂ. KMC 46461

To
The Principal
Navodaya Dental
College, Raichur.

Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.

☎ 26562121, 26995000, 26995100, 26995200, 269953000, 26995400

Fax : 91-80-26564830, 91-80-26562121, 91-80-26566811, Website: <http://www.nimhans.kar.nic.in>



26/3/2018,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Neurosurgery, Nimhans
Bengaluru

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Neurosurgery from 2-4-2018 to 30-4-2018.

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr. Nitish Chandra Gupta.

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur

Saunth
PRINCIPAL
Navodaya Dental College,
RAICHUR



National Institute of Mental Health & Neurosciences

(Institute of National Importance), Bengaluru-560029

राष्ट्रीय मानसिक स्वास्थ्य एवं तंत्रिका विज्ञान संस्थान, (राष्ट्रीय महत्व का संस्थान), बंगलूर -560029
ರಾಷ್ಟ್ರೀಯ ಮಾನಸಿಕ ಆರೋಗ್ಯ ಮತ್ತು ನರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ, (ರಾಷ್ಟ್ರೀಯ ಮಹತ್ವದ ಸಂಸ್ಥೆ), ಬೆಂಗಳೂರು-560029

Ref: NIMH/HS/NS/PGT/2018 19/01

Date: 01/05/2018

DEPARTMENT OF NEUROSURGERY

ATTENDANCE CERTIFICATE

This is to certify that **DR.NITISH CHANDRA GUPTA**, Post graduate student from the department of OMFS, Navodaya Dental College, Raichur has completed his training in the Department of Neurosurgery at this Institute from 02.04.2018 to 30.04.2018.

DR.DWARAKANATH SRINIVAS
Professor & HOD I/C

ಪ್ರೊ. ದ್ವಾರಕಾನಾಥ ಸೋನಿವಾಸ, ಎಂ.ಸಿ.ಎಸ್.

Dr. DWARAKANATH SRINIVAS, M.Ch

Professor / Head of Dept

ಅಧ್ಯಾಪಕ ಪ್ರೊ. ಡಿ. ದ್ವಾರಕಾನಾಥ ಸೋನಿವಾಸ

ಪೀಠಾಧ್ಯಾಪಕ ಮತ್ತು ನರ ವಿಜ್ಞಾನ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರು

National Institute of Mental Health & Neurosciences

ರಾಷ್ಟ್ರೀಯ ಮಾನಸಿಕ ಆರೋಗ್ಯ ಮತ್ತು ನರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ

Bengaluru-560029, Karnataka, India

To
The Principal
Navodaya Dental
College, Raichur.

Dr. GIRISH KATTI M.D.S.

PRINCIPAL

**NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.**



26/3/2018,
Raichur.

From,
Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial surgery
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Neurosurgery, Nimhams
Bengaluru

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Neurosurgery from 2-4-2018 to 30-4-2018

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student-Dr.Sherish M Mathew.

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Chitra Chakravarthy
Professor and Head of the department
Department of Oral & Maxillofacial Surgery
Navodaya Dental College & Hospital,
Raichur

Sherish M Mathew
PRINCIPAL
Navodaya Dental College,
RAICHUR



National Institute of Mental Health & Neurosciences

(Institute of National Importance), Bengaluru-560029

राष्ट्रीय मानसिक स्वास्थ्य एवं तंत्रिका विज्ञान संस्थान, (राष्ट्रीय महत्वा का संस्थान), बंगलूर - 560029
ರಾಷ್ಟ್ರೀಯ ಮಾನಸಿಕ ಆರೋಗ್ಯ ಮತ್ತು ನರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ, (ರಾಷ್ಟ್ರೀಯ ಪ್ರಾಮುಖ್ಯತೆ ಸಂಸ್ಥೆ) ಬೆಂಗಳೂರು-560029

Ref: NIMH/HS/NS/PGT/2018-19/02

Date: 01/05/2018

DEPARTMENT OF NEUROSURGERY

ATTENDANCE CERTIFICATE

This is to certify that **DR.SHERISH M MATHEW**, Post graduate student from the department of OMFS, Navodaya Dental College, Raichur has completed her training in the Department of Neurosurgery at this Institute from 02.04.2018 to 30.04.2018.

DR.DWARAKANATH SRINIVAS

Professor & HOD I/C

ಶ್ರೀ ದ್ವಾರಕಾನಾಥ ಶ್ರೀನಿವಾಸ, ಪ್ರೊಫೆಸರ್

Dr. DWARAKANATH SRINIVAS, M.Ch

ಅಧ್ಯಕ್ಷನಾಗಿಯೇ ಸೇವೆ ಸಲ್ಲಿಸುತ್ತಿರುವ
ತंत्रिका शल्य विज्ञान विभाग / Department of Neurosurgery
National Institute of Mental Health & Neurosciences
राष्ट्रीय मानसिक स्वास्थ्य एवं तंत्रिका विज्ञान संस्थान
बंगलूर - 560 029 - INDIA, Bengaluru - 560 029 INDIA

To
The Principal
Navodaya Dental
College, Raichur.

Dr. GIRISH KATTI M.D.S.

PRINCIPAL

NAVODAYA DENTAL COLLEGE

RAICHUR-584198

☎ 26562121, 26995000, 26995100, 26995200, 26995300, 26995400

☎ 91-80-26562121, 91-80-26566811, Website: <http://www.nimhans.kar.nic.in>



RAICHUR

NET's
NAVODAYA DENTAL COLLEGE,

OFFICE OF THE PRINCIPAL

26/6/2016,
Raichur.

From,
Dr. Prashant Patil
Professor and Head of the department
Department of Oral Medicine and Radiology
Navodaya Dental College & Hospital,
Raichur.

Through
The Principal,
Navodaya Dental College & Hospital,
Raichur.

To,
The Director,
Kidwai Memorial Institute of Oncology,
KMIO Campus, Dr. M H Mariagowda road,
Near Bangalore Dairy, Bengaluru.

Sub : Request for 1st year PG postings

Respected Sir/Madam,

As per the curriculum of RGUHS, the 1st year post graduate students are required to attend a one month posting in the Department of Head & Neck Oncology from 1-7-2016 to 30-7-2016

We request you to kindly allow our students to attend the posting at your esteemed institute. It would be an enriching experience for my students to attend the postings at your institute. Hereby, enclosing the name of the PG student - Dr. Jyothsna J

Kindly consider and oblige.

Thanking you,
Yours faithfully,

Dr. Prashant Patil
Professor and Head of the department
Department of Oral Medicine and Radiology
Navodaya Dental College & Hospital,
Raichur

permitted
Vansh
PRINCIPAL
Navodaya Dental College,
RAICHUR



ಕಿಡ್ವಾಯಿ ಸ್ಮಾರಕ ಗಂಧಿ ಸಂಸ್ಥೆ

ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸ್ವಾಯತ್ತತಾ ಸಂಸ್ಥೆ
ಪ್ರಾದೇಶಿಕ ಆರೋಗ್ಯ ಸಂಶೋಧನೆ ಮತ್ತು ಚಿಕಿತ್ಸಾ ಕೇಂದ್ರ

KIDWAI MEMORIAL INSTITUTE OF ONCOLOGY

GOVERNMENT OF KARNATAKA AUTONOMOUS INSTITUTION
(REGIONAL CENTRE FOR CANCER RESEARCH & TREATMENT
MEMBER OF INTERNATIONAL UNION AGAINST CANCER)

PHONE : 91 - 80 - 26560722 (DIRECTOR)
91 - 80 - 26094000
FAX : 91 - 80 - 26560723

ಡಾ. ಎಂ.ಎಚ್. ಮಂಗವಾಡ ರಸ್ತೆ,
ಬೆಂಗಳೂರು - 560 029.
Dr. M.H. Mangowda Road,
Bengaluru - 560 029
KARNATAKA, INDIA.
Dated: 22-6-2016

No. KMIO/AC/Post Oral/1030/2016

To,
The Prof. & Head,
Dept. of Oral Medicine & Radiology,
Navodaya Dental College & Hospital,
Mantralayam Road,
Raichur-584103.

Sir,

Sub:- Training Programme of Post Graduate student - Reg.
Ref:- Letter dated: 9-6-2016

Dr. Jyothsna. J. Post Graduate student of Navodaya Dental College & Hospital, Raichur is permitted to undergo training at this Institute in the Departments of Oral Oncology, Radiodiagnosis and Radiotherapy for the period from 1-7-2016 to 30-7-2016 on payment of Rs. 5,000/-. As KMIO does not have hostel facilities for outside P.G's, student may be informed to make her own arrangement.

Period of Postings	Departments
1-7-2016 to 15-7-2016	Oral Oncology
16-7-2016 to 22-7-2016	Radiodiagnosis
23-7-2016 to 30-7-2016	Radiotherapy

On arrival concerned is instructed to contact P.G. Co-ordinator, Academic Cell at 10.00 AM to complete necessary formalities.

Thanking you,

Yours Sincerely,


DIRECTOR

NOTE: Postings once issued cannot be changed.

Registered under Karnataka Societies Registration Act 1960, Regn. No. S475/79-80 Donations to this Institute are exempt from Income Tax U/S 80G of IT Act, 1961. Website : www.kidwai.kar.nic.in



Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.



Report of the collaborative research activity Department of Periodontology, Rishiraj College of Dental Sciences & Research Centre, Bhopal.

Dr. Jeevanand Deshmukh Prof & Head of the Department of Periodontics of our institution, Navodaya Dental College & Hospital Raichur has collaborated with Department of Periodontology, Rishiraj College of Dental Sciences & Research Centre, Bhopal. The project entitled Is periodontitis an independent risk factor for subclinical atherosclerosis? was self-supported for the duration of 1 year.

> [Singapore Dent J.](#) 2016 Dec;37:9-13. doi: 10.1016/j.sdj.2016.10.004.

Is periodontitis an independent risk factor for subclinical atherosclerosis?

Richa Khatri¹, Jeevanand Deshmukh², Ratika Shrivastava³, Saurabh Gupta⁴, Abhishek Kawadkar⁵, K Vinaya Kumar⁶

Affiliations – collapse

Affiliations

- 1 Department of Periodontology, Rishiraj College of Dental Sciences & Research Centre, 462036, Gandhinagar, Bhopal. Electronic address: khatri.richa44@gmail.com.
- 2 Department of Periodontology, Rishiraj College of Dental Sciences & Research Centre, 462036, Gandhinagar, Bhopal. Electronic address: jeevandeshmukh@gmail.com.
- 3 Department of Periodontology, Rishiraj College of Dental Sciences & Research Centre, 462036, Gandhinagar, Bhopal. Electronic address: ratika.kishore@gmail.com.
- 4 Department of Periodontology, Rishiraj College of Dental Sciences & Research Centre, 462036, Gandhinagar, Bhopal. Electronic address: saurabhsirji@gmail.com.
- 5 Department of Periodontology, Rishiraj College of Dental Sciences & Research Centre, 462036, Gandhinagar, Bhopal. Electronic address: dentistabhishek@rediffmail.com.
- 6 Department of Pedodontics, Modern Dental College and Research Centre, Indore. Electronic address: vinayakumar53@gmail.com.

PMID: 27916256 DOI: [10.1016/j.sdj.2016.10.004](#)

[Free article](#)

Abstract

Objectives: The aim of this study was to assess the interrelationship between periodontitis and atherosclerosis by comparing the ultrasound and clinical markers of atherosclerosis in systemically healthy patients with and without periodontitis and whether periodontitis can be an independent risk factor for atherosclerosis.



Report of the collaborative research activity Department of Periodontology, Rishiraj College of Dental Sciences & Research Centre, Bhopal.

Dr. Jeevanand Deshmukh Prof & Head of the Department of Periodontics of our institution, Navodaya Dental College & Hospital Raichur has collaborated with Department of Periodontology, Rishiraj College of Dental Sciences & Research Centre, Bhopal. The project entitled Merge to emerge - An interdisciplinary approach for management of periodontally compromised orthodontically treated patient was self-supported for the duration of 1 year.

Merge to emerge - An interdisciplinary approach for management of periodontally compromised orthodontically treated patient

Jeevanand Deshmukh ¹, Richa Khatri ², Nagarani Buguda ¹, Deepali Sakelle ²

Affiliations – collapse

Affiliations

- 1 Department of Periodontology, Navodaya Dental College and Hospital, Raichur, Karnataka, India.
- 2 Rishiraj Dental College and Research Center, Bhopal, Madhya Pradesh, India.

PMID: 29386806 PMCID: [PMC5767996](#) DOI: [10.4103/jisp.jisp_107_16](#)

[Free PMC article](#)

Abstract

In the modern day dental practice, synergy is fundamental. This synergistic effect must exist among various disciplines of dentistry for proper diagnosis, treatment planning, sequencing and execution of treatment in complex and challenging dental situations. Such collaborative effect between an orthodontist and a periodontist is essential as both works with same element, the tooth as crown-root unit with its supporting tissues. The orthodontic treatment is carried out through the medium of periodontium, so a healthy tooth supporting system is an essential prerequisite. Every potential candidate for orthodontic treatment should undergo a thorough periodontal examination. Any lousily diagnosed or conducted orthodontic treatment could be a facilitator of periodontal inflammatory or infectious process especially when the patient's oral hygiene is explicitly deficient. This case report demonstrates a challenging situation to a periodontist where patient had completed her orthodontic treatment but ended up with severe periodontal disease. The patient was thoroughly examined and a comprehensive treatment was planned and executed. Regenerative surgical procedures were done using platelet rich fibrin and hydroxyapatite bone graft. Patient was followed up for 2 years. As

Letter of Intent for Collaboration of Academic Research work

Between

Navodaya Dental College and Balanku Hospital, Raichur

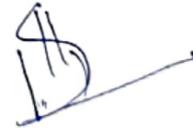
1. Navodaya Dental College and Balanku Hospital, Raichur have consented to collaborate for academic and research activities.
2. Both the Institutes/ Organizations can utilize the facilities for academic and research work.
3. The intent of collaboration is purely for academic knowledge updation and research activities without any financial obligations.

In witness whereof we give our consent hereto signed for all such collaborative activities for the period of three years from 13/06/2019 to 12/06/2022.


Principal

Navodaya Dental College
Mantralayam Road, Raichur

PRINCIPAL
Navodaya Dental College,
RAICHUR



Authorized signatory

Balanku Hospital

Basavanagar, Raichur-584102

BALANKU HOSPITAL

Basava Nagar Layout,

Basavana Bhavi Chowk,

Opp.Munnurwadi School, RAICHUR-02

Letter of Intent for Collaboration of Academic Research work

Between

Navodaya Dental College and Balanku Hospital, Raichur

1. Navodaya Dental College and Balanku Hospital, Raichur have consented to collaborate for academic and research activities.
2. Both the Institutes/ Organizations can utilize the facilities for academic and research work.
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In witness whereof we give our consent hereto signed for all such collaborative activities for the period of three years from 13/06/2016 to 12/06/2019.


Principal
Navodaya Dental College
Mantralayam Road, Raichur
PRINCIPAL
Navodaya Dental College,
RAICHUR


Authorized signature
Balanku Hospital
Basavanagar, Raichur-584102
Basavanna Hospital
Basavana Bhavi Chowk,
Opp.Munnurwadi School, RAICHUR-02

Letter of Intent for Collaboration of Academic Research work

Between

Navodaya Dental College and VVR Chaitanya Hospital, Raichur

1. Navodaya Dental College and VVR Chaitanya Hospital, Raichur have consented to collaborate for academic and research activities.
2. Both the Institutes/ Organizations can utilize the facilities for academic and research work.
3. The intent of collaboration is purely for academic knowledge updation and research activities without any financial obligations.

In witness whereof we give our consent hereto signed for all such collaborative activities for the period of three years from 12/05/2016 to 11/05/2019.


Principal

Navodaya Dental College
Mantralayam Road, Raichur
PRINCIPAL
Navodaya Dental College,
RAICHUR


Authorized signatory

VVR Chaitanya Hospital
Lingsugur Road, Raichur-584101

V.V.R. CHAITANYA HOSPITAL
Paddy Colony, RAICHUR - 584 101.
Ph : 651865, 220184

Letter of Intent for Collaboration of Academic Research work

Between

Navodaya Dental College and VVR Chaitanya Hospital, Raichur

1. Navodaya Dental College and VVR Chaitanya Hospital, Raichur have consented to collaborate for academic and research activities.
2. Both the Institutes/ Organizations can utilize the facilities for academic and research work.
3. The intent of collaboration is purely for academic knowledge updation and research activities without any financial obligations.

In witness whereof we give our consent hereto signed for all such collaborative activities for the period of three years from 12/05/2019 to 11/05/2022.


Principal

Navodaya Dental College
Mantralayam Road, Raichur

PRINCIPAL
Navodaya Dental College,
RAICHUR


Authorized signature

VVR Chaitanya Hospital
Lingsugur Road, Raichur-584101

V.V.R. CHAITANYA HOSPITAL
Paddy Colony, RAICHUR - 584 101.
Ph : 651865, 220184



Navodaya Education Trust®
Navodaya Dental College
Raichur



**REPORT OF RESEARCH WORK SUBMITTED TO THE
RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE**

Dr. Prashant B Patil, Prof & Head Department of Oral Medicine & Radiology of our institution, Navodaya Dental College & Hospital Raichur, The project was guided and self supported for the duration of 1 year. As a result of their joint research, we submitted a research work titled **“ROLE OF MAXILLARY SINUS IN SEX DETERMINATION- MORPHOMETRIC ANALYSIS USING CBCT”** to **RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE**.

**RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BENGALURU,
KARNATAKA**



**ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE
INSTITUTION**

This is to certify that the dissertation entitled **“ROLE OF MAXILLARY SINUS IN SEX DETERMINATION: MORPHOMETRIC ANALYSIS USING CONE BEAM COMPUTED TOMOGRAPHY”** is a bonafide research work done by **Dr. CHITTURI PRASHANTHI** in partial fulfillment of the requirements for the degree of Master of Dental Surgery in Department of Oral Medicine and Radiology.


PROF. & HEAD
Dept. of Oral Medicine & Radiology
Navodaya Dental College, Raichur
Dr. PRASHANT B PATIL
Professor and HOD
Department of Oral Medicine
and Radiology,
Navodaya Dental College & Hospital
Raichur - 584103


PRINCIPAL
Navodaya Dental College,
RAICHUR
Navodaya Dental College & Hospital
Raichur – 584103



Navodaya Education Trust®
Navodaya Dental College
Raichur



**REPORT OF RESEARCH WORK SUBMITTED TO THE
RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE**

Dr. Prashant B Patil, Prof & Head Department of Oral Medicine & Radiology of our institution, Navodaya Dental College & Hospital Raichur, The project was guided and self supported for the duration of 1 year. As a result of their joint research, we submitted a research work titled **“PREVALENCE OF TOBACCO CONSUMPTION, KNOWLEDGE ON TOBACCO LEGISLATION AND AWARENESS OF TOBACCO RELATED HEALTH HAZARDS AMONG ADOLESCENTS IN RAICHUR DISTRICT”** to **RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE**.

**RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES,
BANGALORE, KARNATAKA**

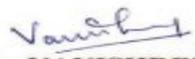


**ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE
INSTITUTION**

This is to certify that the dissertation entitled **“PREVALENCE OF TOBACCO CONSUMPTION, KNOWLEDGE ON TOBACCO LEGISLATION AND AWARENESS OF TOBACCO RELATED HEALTH HAZARDS AMONG ADOLESCENTS IN RAICHUR DISTRICT”** is a bonafide research work done by **Dr. ASMA.R.MANIYAR** under the guidance of **DR PRASHANT B PATIL** Professor & Head ,Department of Oral Medicine and Radiology, Navodaya Dental College & Hospital, Raichur.


Dr. PRASHANT B PATIL

Professor and Head
Department of Oral Medicine and
Radiology,
Navodaya Dental College & Hospital,
Raichur – 584103


Dr. VANISHREE

Principal,
Navodaya Dental College &
Hospital,
Raichur – 584103
PRINCIPAL
Navodaya Dental College,
RAICHUR



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Raichur



**REPORT OF RESEARCH WORK SUBMITTED TO THE
RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE**

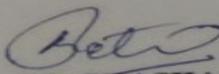
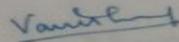
Dr. Prashant B Patil, Prof & Head Department of Oral Medicine & Radiology of our institution, Navodaya Dental College & Hospital Raichur, The project was guided and self supported for the duration of 1 year. As a result of their joint research, we submitted a research work titled “**GENOTOXIC AND CYTOTOXIC EFFECTS OF INTRAORAL AND EXTRAORAL RADIOGRAPHS ON ORAL EPITHELIUM OF ADULTS**” to **RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE**.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BENGALURU,
KARNATAKA



**ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE
INSTITUTION**

This is to certify that the dissertation entitled “**GENOTOXIC AND CYTOTOXIC EFFECTS OF INTRAORAL AND EXTRAORAL RADIOGRAPHS ON ORAL EPITHELIUM OF ADULTS**” is a bonafide research work done by **DR. AMREEN ALAM** in partial fulfillment of the requirements for the degree of Master of Dental Surgery in Department of Oral Medicine and Radiology.

Signature of the HOD	Signature of the Principal
 DR. PRASHANT PATIL Professor and Head Department of Oral Medicine and Radiology, Navodaya Dental College & Hospital, Raichur – 584103	 Dr. VANISHREE PRINCIPAL Principal, Navodaya Dental College, Navodaya Dental College & RAICHUR Hospital, Raichur – 584103



Navodaya Education Trust®
Navodaya Dental College
Raichur



**REPORT OF RESEARCH WORK SUBMITTED TO THE
RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE**

Dr. Prashant B Patil, Prof & Head Department of Oral Medicine & Radiology of our institution, Navodaya Dental College & Hospital Raichur, The project was guided and self supported for the duration of 1 year. As a result of their joint research, we submitted a research work titled “ASSESSMENT OF MANDIBULAR CANAL AND ITS VARIATIONS IN CBCT” to RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES,
BENGALURU, KARNATAKA



**ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF
THE INSTITUTION**

This is to certify that the dissertation entitled “ASSESSMENT OF MANDIBULAR CANAL AND ITS VARIATIONS USING CBCT” is a bonafide research work done by **Dr. PRIYADARSHINI S** in partial fulfillment of the requirements for the degree of Master of Dental Surgery in Department of Oral Medicine and Radiology.

Dr. PRASHANT PATIL Professor and Head, Department of Oral Medicine and Radiology, Navodaya Dental College & Hospital, Raichur – 584103	Dr. SANTOSH H Principal, Navodaya Dental College & Hospital, Raichur – 584103
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Navodaya Dental College
Raichur



**REPORT OF RESEARCH WORK SUBMITTED TO THE
RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE**

Dr. Prashant B Patil, Prof & Head Department of Oral Medicine & Radiology of our institution, Navodaya Dental College & Hospital Raichur, The project was guided and self supported for the duration of 1 year. As a result of their joint research, we submitted a research work titled “**CANDIDA CARRIAGE AMONG TOBACCO USERS WITH AND WITHOUT ASSOCIATED ORAL MUCOSAL LESIONS**” to **RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE**.

**ENDORSEMENT BY THE HOD, PRINCIPAL / HEAD OF THE
INSTITUTION**

This is to certify that the dissertation entitled “**ORAL CANDIDA CARRIAGE AMONG TOBACCO USERS WITH AND WITHOUT ASSOCIATED ORAL MUCOSAL LESIONS**” is a bonafide research work done by **Dr. BUSHRA MOHD KAROBARI** under the guidance of **Dr. PRASHANT PATIL**, Professor & Head, Department of Oral Medicine and Radiology, Navodaya Dental College & Hospital, Raichur.

Seal & Signature of the HOD
PROF. & HEAD
Dept. of Oral Medicine & Radiology
Navodaya Dental College, Raichur
Name: Dr. PRASHANT PATIL

DATE: 28/11/17

PLACE: RAICHUR

Seal & Signature of the Principal

Name: DR. SANTOSH HUNASGI
PRINCIPAL
Navodaya Dental College
RAICHUR.

DATE: 28/11/17

PLACE: RAICHUR

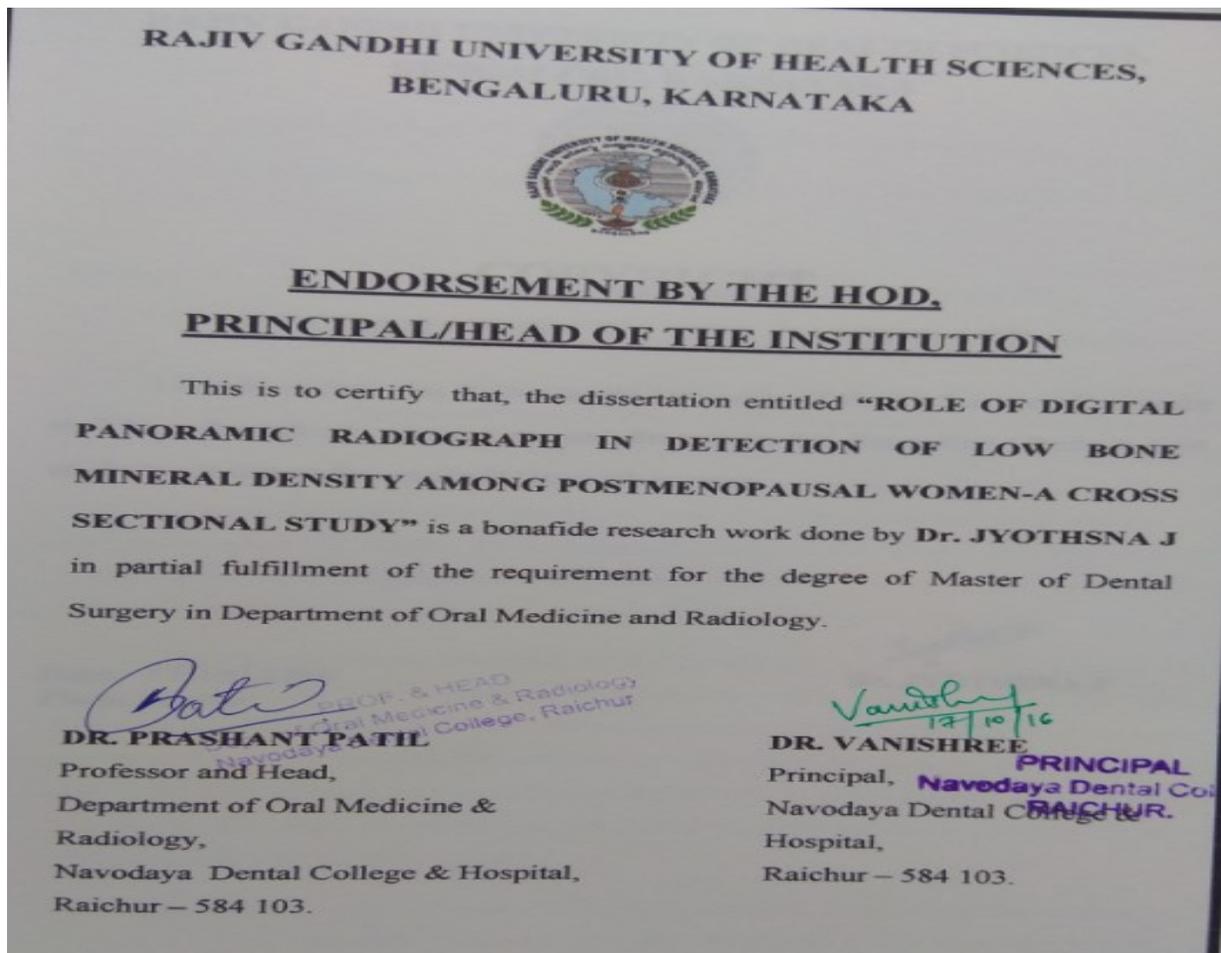


Navodaya Education Trust®
Navodaya Dental College
Raichur



**REPORT OF RESEARCH WORK SUBMITTED TO THE
RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE**

Dr. Prashant B Patil, Prof & Head Department of Oral Medicine & Radiology of our institution, Navodaya Dental College & Hospital Raichur, The project was guided and self supported for the duration of 1 year. As a result of their joint research, we submitted a research work titled “**ROLE OF DIGITAL PANAROMIC RADIOGRAPH IN DETECTION OF LOW BONE DENSITY AMONG POST MENOPAUSAL WOMEN- COMPARATIVE STUDY**” to **RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE.**





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Raichur



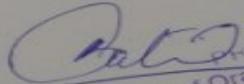
**REPORT OF RESEARCH WORK SUBMITTED TO THE
RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE**

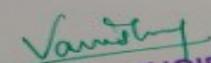
Dr. Prashant B Patil, Prof & Head Department of Oral Medicine & Radiology of our institution, Navodaya Dental College & Hospital Raichur, The project was guided and self supported for the duration of 1 year. As a result of their joint research, we submitted a research work titled “ **THE ACCURACY OF PREDICTING AGE FROM MANDIBULAR 3RD MOLARS USING DEMIRJANS AND KOHLER METHOD - A COMPARATIVE STUDY**” to **RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE.**

**RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES,
BANGALORE, KARNATAKA**

**ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF
THE INSTITUTION**

This is to certify that the dissertation entitled “**THE ACCURACY OF PREDICTING AGE FROM MANDIBULAR 3RD MOLARS USING DEMIRJIAN’S REVISED METHOD AND KOHLER’S METHOD – A COMPARATIVE STUDY**” is a bonafide research work done by **Dr ASMITA P NANDRE** under the guidance of **Dr. PRASHANT B PATIL** Professor & Head, Department of Oral Medicine & Radiology, Navodaya Dental College & Hospital, Raichur.


Dr. PRASHANT B PATIL
Professor & Head
Department of Oral Medicine &
Radiology
Navodaya Dental College & Hospital,
Raichur-584103.


Dr. VANISHREE
Principal
Navodaya Dental College,
RAICHUR.
Navodaya Dental College & Hospital,
Raichur-584103.



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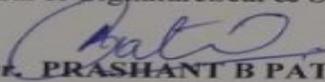
**REPORT OF RESEARCH WORK SUBMITTED TO THE
RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE**

Dr. Prashant B Patil, Prof & Head Department of Oral Medicine & Radiology of our institution, Navodaya Dental College & Hospital Raichur, The project was guided and self supported for the duration of 1 year. As a result of their joint research, we submitted a research work titled “**COMPARE THE EFFECTIVENESS OF LYCOPENE – A CAROTENOID ANTIOXIDANT WITH INTRALESIONAL STEROID INJECTIONS IN PATIENTS WITH ORAL SUBMUCOUS FIBROSIS – A CLINICAL STUDY**” to **RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE**.

**ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF
THE INSTITUTION**

This is to certify that the dissertation entitled “**COMPARE THE EFFECTIVENESS OF LYCOPENE –A CAROTENOID ANTIOXIDANT WITH INTRALESIONAL STEROID INJECTIONS IN PATIENTS WITH ORAL SUBMUCOUS FIBROSIS-A CLINICAL STUDY**” is a bonafide research work done by **Dr Anusuya G Savalagi** under the guidance of **Dr. PRASHANT B PATIL** Professor & Head, Department of Oral Medicine & Radiology, Navodaya Dental College & Hospital, Raichur.

Navodaya Dental College, Raichur.
Dept. of Oral Medicine & Radiology
PROF. & HEAD
Seal & Signature Seal & Signature


Dr. PRASHANT B PATIL

Professor & Head
Department of Oral Medicine &
Radiology
Navodaya Dental College & Hospital,
Raichur- 584103.

Dr. PADMANABHAN
Principal

Navodaya Dental College & Hospital,
Raichur- 584103.

Letter of Intent for Collaboration of Academic Research work

Between

Navodaya Dental College and New Amrutha Medical and Research Centre, Raichur

1. Navodaya Dental College and New Amrutha Medical and Research Centre, Raichur have consented to collaborate for academic and research activities.
2. Both the Institutes/ Organizations can utilize the facilities for academic and research work.
3. The intent of collaboration is purely for academic knowledge updation and research activities without any financial obligation.

In witness whereof we give our consent hereto signed for all such collaborative activities for the period of three years from 13/06/2016 to 12/06/2019.


Principal
Navodaya Dental College
Mantralayam Road, Raichur
PRINCIPAL
Navodaya Dental College,
RAICHUR


Authorized signatory
New Amrutha Medical & Research Centre
Siya Talab, Raichur-584102
Head of the Institute
New Amrutha Medical And
Research Center (Raichur) Pvt. Ltd.

Letter of Intent for Collaboration of Academic Research work

Between

Navodaya Dental College and New Amrutha Medical and Research Centre, Raichur

1. Navodaya Dental College and New Amrutha Medical and Research Centre, Raichur have consented to collaborate for academic and research activities.
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In witness whereof we give our consent hereto signed for all such collaborative activities for the period of three years from 13/06/2019 to 12/06/2022.


Principal
Navodaya Dental College
Mantralayam Road, Raichur
PRINCIPAL
Navodaya Dental College,
RAICHUR


Authorized signatory
New Amrutha Medical & Research Centre
Siya Talab, Raichur-584102
Head of the Institute
New Amrutha Medical And
Research Center (Raichur) Pvt. Ltd.

Letter of Intent for Collaboration of Academic Research work

Between

Navodaya Dental College and Hi-Tec Diagnostic Centre, Raichur

1. Navodaya Dental College and Hi-Tec Diagnostic Centre, Raichur have consented to collaborate for academic and research activities.
2. Both the Institutes/ Organizations can utilize the facilities for academic and research work.
3. The intent of collaboration is purely for academic knowledge updation and research activities without any financial obligations.

In witness whereof we give our consent hereto signed for all such collaborative activities for the period of three years from 10/08/2019 to 09/08/2022.


Principal

Navodaya Dental College
Mantralayam Road, Raichur
PRINCIPAL
Navodaya Dental College,
RAICHUR



Authorized signatory
Hi-Tec Diagnostic Centre
Androon Quilla, Raichur-584103
Dr. A.S. Aanand M.B.B.S.,MD.
Shree Hi-Tec Diagnostic Centre
3-9-55, Dr. Anantha Rao Clinic's
Building Beroon Quilla,
Jain Temple Road, RAICHUR.
Cell : 9916785378 Regd. No. : 43474

Letter of Intent for Collaboration of Academic Research work

Between

Navodaya Dental College and Hi-Tec Diagnostic Centre, Raichur

1. Navodaya Dental College and Hi-Tec Diagnostic Centre, Raichur have consented to collaborate for academic and research activities.
2. Both the Institutes/ Organizations can utilize the facilities for academic and research work.
3. The intent of collaboration is purely for academic knowledge updation and research activities without any financial obligations.

In witness whereof we give our consent hereto signed for all such collaborative activities for the period of three years from 09/08/2016 to 08/08/2019.



Principal

Navodaya Dental College
Mantralayam Road, Raichur

PRINCIPAL

Navodaya Dental College,
RAICHUR



Authorized signatory

Hi-Tec Diagnostic Centre
Androon Quilla, Raichur-584103

Dr. A.S. Anand M.B.B.S., M.D.

Shree Hi-Tech Diagnostic Centre

3-9-55, Dr. Anantha Rao Clinic's

Building Beroon Quilla,

Jain Temple Road, RAICHUR.

Cell: 9916785378 Regd.No.: 43404

Letter of Intent for Collaboration of Academic Research work

Between

Navodaya Dental College and VGK Heart Institute, Raichur

1. Navodaya Dental College and VGK Heart Institute, Raichur have consented to collaborate for academic and research activities.
2. Both the Institutes/ Organizations can utilize the facilities for academic and research work.
3. The intent of collaboration is purely for academic knowledge updation and research activities without any financial obligations.

In witness whereof we give our consent hereto signed for all such collaborative activities for the period of three years from 16/11/2019 to 15/11/2022.


Principal

Navodaya Dental College
Mantralayam Road, Raichur

PRINCIPAL

Navodaya Dental College,
RAICHUR

Authorized signatory

VGK Heart Institute
Azad Nagar, Raichur-584103



Dr. Ajit V. Kulkarni

MD, DM (Cardiology), PCI Chandigarh

VGK Heart Institute

4th Floor, # 1-9-21 & 22/1,
Vijay Poly Clinic & Nursing Home
Azad Nagar, RAICHUR-584 101

Letter of Intent for Collaboration of Academic Research work

Between

Navodaya Dental College and VGK Heart Institute, Raichur

1. Navodaya Dental College and VGK Heart Institute, Raichur have consented to collaborate for academic and research activities.
2. Both the Institutes/ Organizations can utilize the facilities for academic and research work.
3. The intent of collaboration is purely for academic knowledge updation and research activities without any financial obligations.

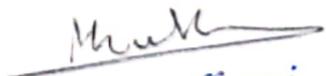
In witness whereof we give our consent hereto signed for all such collaborative activities for the period of three years from 16/11/2016 to 15/11/2019.


Principal

Navodaya Dental College
Mantralayam Road, Raichur

PRINCIPAL
Navodaya Dental College,
RAICHUR

Authorized signatory
VGK Heart Institute
Azad Nagar, Raichur-584103


Dr. Anil V. Kulkarni
MD, DM (Cardiology), PGI Chandigarh

VGK Heart Institute
4th Floor, # 1-9-21 & 22/1,
Vijay Poly Clinic & Nursing Home
Azad Nagar, RAICHUR-584 101

Letter of Intent for Student Exchange Program for Academic Activities

Between

Navodaya Dental College and AME's Dental College, Raichur

1. Navodaya Dental College and AME's Dental College, Raichur have consented to collaborate for Student Exchange Program which may result in intellectual exploration and broadening of academic professional and cultural prospective.
2. Both the Institutes/ Organizations can utilize the facilities for academic and other student related collaborative research work.
3. The intent of collaboration is purely for academic knowledge, research and overall professional development.
4. The student posting list be sent to the Head of the Institution and also the attendance and other academic activities on completion of the program.
5. The posted student should follow rules and regulations set by host Institute.

In witness whereof we give our consent hereto signed for all such collaborative activities for the period of three years from 01/08/2019 to 31/07/2022.


Principal

Navodaya Dental College
Mantralayam Road, Raichur-584103
PRINCIPAL
Navodaya Dental College,
RAICHUR


Principal

AME's Dental College
Bijanagere Road, Raichur-584103
PRINCIPAL
A.M.E.S DENTAL COLLEGE
RAICHUR



Navodaya Education Trust



NAVODAYA DENTAL COLLEGE AND HOSPITAL

RAICHUR

**REPORT OF collaborative research activity with Central Research Laboratory (CRL)
Navodaya Medical College(NMC), Raichur.**

Dr. Jeevanand Deshmukh Prof & Head Department Of Periodontics of our institute, Navodaya Dental College And Hospital, Raichur, has collaborated with CRL, NMC. The project was guided by Dr. Sindhura and self supported for the duration of 1 year. As a result of their joint research we submitted a research work titled "COMPARITIVE EVALUATION OF SERUM RETINOL BINDING PROTEIN 4 (RBP-4) LEVELS IN OBESE AND NON-OBESE PATIENTS WITH AND WITHOUT CHRONIC PERIODONTITIS FOLLOWING NONSURGICAL PERIODONTAL THERAPY - A CLINICOBIOCHEMICAL STUDY" to RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCE BANGLORE.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BENGALURU,
KARNATAKA



ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE
INSTITUTION

This is to certify that the dissertation entitled "COMPARITIVE EVALUATION OF SERUM RETINOL BINDING PROTEIN 4 (RBP-4) LEVELS IN OBESE AND NON-OBESE PATIENTS WITH AND WITHOUT CHRONIC PERIODONTITIS FOLLOWING NON-SURGICAL PERIODONTAL THERAPY - A CLINICOBIOCHEMICAL STUDY." Is a bonafide research work done by Dr. LAMBE NEERUJA MAHESH under the guidance of Dr. SINDHURA H., Associate Professor, Department of Periodontology.

<p>Seal and signature of HOD</p> <p style="text-align: center;">PROF. & HEAD Dept. of Periodontics Navodaya Dental College</p> <p>Dr. JEEVANAND DESHMUKH Professor and Head Department of Periodontology Navodaya Dental College & Hospital, Raichur - 584103</p> <p>Date: Place: Raichur</p>	<p>Seal and signature of Principal</p> <p style="text-align: center;">PRINCIPAL Navodaya Dental College, Principal, RAICHUR Navodaya Dental College & Hospital, Raichur - 584103.</p> <p>Date: Place: Raichur.</p>
---	---

DATE: 20/2/2021

From

The Head of Department

Department of Periodontology,

Navodaya Dental College,

Raichur.

TO,

The Principal

Navodaya Medical College, Raichur

Through,

The Principal

Navodaya Dental College, Raichur

Subject- Permission for conducting the thesis research work in Central Research Lab Navodaya Medical College

Respected Sir

I, the undersigned, Head of Department of Periodontology Navodaya Dental College, request you to grant to my Post Graduate student Dr Lambe Neeruja Mahesh to carry out her research work "Comparative Evaluation Of Serum Retinol Binding Protein 4 (RBP-4) Levels In Obese And Non-Obese Patients With And Without Chronic Periodontitis Following Nonsurgical Periodontal Therapy - A Clinicobiochemical Study" in the central research laboratory. guided by Dr. Sindhuza H.

Kindly do the needful.

Thanking you,

Yours Faithfully,

Dr. Jeevanand Deshmukh

HOD Department of Periodontology,

Navodaya Dental College,

Raichur.

PROF & HEAD
Department of Periodontology
Navodaya Dental College, Raichur
Signature

forwarded to principal Navodaya Medical
College with request to permit the
applicant (PG student NDC) to utilize the
research lab facilities.

Sindhuza
20/2/2021
PRINCIPAL
Navodaya Dental College
RAICHUR



Navodaya Education trust



NAVODAYA DENTAL COLLEGE AND HOSPITAL

**REPORT OF COLABORATIVE RESEARCH RESEARCHACTIVITY
WITH CRL, NAVODAYA MEDICAL COLLEGE, RAICHUR**

Dr.JeevanandDeshmukh,Prof&Head Department of Periodontology of our institution ,Navodaya Dental College &Hospital,Raichur has collaborated with CRL of Navodaya medical college. The project was guided byDr .JeevanandDeshmukh,Professor & Self supported for 1 year. As a result of their joint research , we submitted a research work titled "COMPARITIVE EVALUATION OF CLINICAL PERIODONTAL MEASUREMENTS AND PLASMA CLUSTERIN LEVELS IN OBESE AND NON OBESE INDIVIDUALS – A COMPARATIVE STUDY"

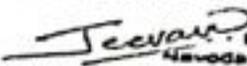
RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BENGALURU,
KARNATAKA



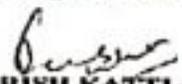
**ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE
INSTITUTION**

This is to certify that the dissertation entitled "COMPARITIVE EVALUATION OF CLINICAL PERIODONTAL MEASUREMENTS AND PLASMA CLUSTERIN LEVELS IN OBESE AND NON OBESE INDIVIDUALS. A COMPARITIVE STUDY." Is a bonafide research work done by Dr. ABIGHNA MANNEPALLI under the guidance of Dr. JEEVANAND DESHMUKH, Professor & Head, Department of Periodontology.

Seal and signature of HOD


PHUF & HEAD
Dept. of Periodontia
Navodaya Dental College, Raichur
Dr. JEEVANAND DESHMUKH
Professor and Head
Department of Periodontology
Navodaya Dental College & Hospital,
Raichur – 584103

Seal and signature of Principal


Dr. GIRISH KATTI
Principal, Navodaya Dental College,
Navodaya Dental College &
Hospital, Raichur – 584103.

Date: 20-02-2021

From

The Head of Department,
Department of Periodontology,
Navodaya Dental College,
Raichur.

To,

The Principal,
Navodaya Medical College, Raichur

Through,

The Principal
Navodaya Dental College, Raichur

Subject- Permission for conducting the thesis research work in Central Research Lab Navodaya Medical College.

Respected Sir,

I, the undersigned, Head of Department of Periodontology, Navodaya Dental College, request you to grant permission to my Post Graduate student Dr. Abighna Mannepalli to carry out her research work "Comparative evaluation of clinical periodontal measurements and plasma clusterin levels in obese and non obese individuals. A comparative study" in Central Research Lab- Navodaya Medical College, under my guidance.

Kindly do the needful.

Thanking you,

Yours Faithfully

Dr. Jeevanad deshmukh

HOD of periodontology

Navodaya Dental College

Raichur

Jeevanad
PROF & HEAD
Dept. of Periodontia
Navodaya Dental College, Raichur

PRINCIPAL
Navodaya Dental College,
RAICHUR

Prasanna
20/2/21

*Forwarded to principal
Navodaya Medical College
with a request to permit
Pg student to utilize
Research Lab facilities for
her thesis work.*



NAVODAYA DENTAL COLLEGE AND HOSPITAL

Report of the collaborative research activity with CRL (Central Research laboratory),Navodaya Medical College,Raichur

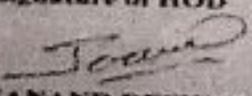
Dr . Jeevanand Deshmukh ,Prof & Head ,Department of Periodontology of our institution ,Navodaya Dental College & Hospital ,Raichur has collaborated with CRL of Navodaya Medical College.The project was guided by Dr.Asif .K ,Professor & Self supported for 1 year,As a result of their joint research , we submitted a research work titled "TO EVALUATE THE EFFICACY OF DENTIFRICE CONTAINING ACTIVE OXYGEN ON PLAQUE AND GINGIVAL STATUS IN PATIENTS WITH GINGIVITIS : A CLINICO MICROBIOLOGICAL STUDY " to RAJIV GANDHI UNVERSITY OF HEALTH SCIENCES BANGALORE .

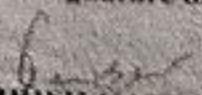
RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BENGALURU,
KARNATAKA



ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "TO EVALUATE THE EFFICACY OF DENTIFRICE CONTAINING ACTIVE OXYGEN ON PLAQUE AND GINGIVAL STATUS IN PATIENTS WITH GINGIVITIS: A CLINICO-MICROBIOLOGICAL STUDY." is a bona-fide research work done by Dr. RITTIKRAJ SANDILYA KATAKI under the guidance of Dr. ASIF K, Professor, Department of Periodontology.

Seal and signature of HOD

 Dr. JEEVANAND DESHMUKH
 PROF & HEAD
 Professor and Head
 Dept. of Periodontia
 Navodaya Dental College, Raichur
 Department of Periodontology
 Navodaya Dental College & Hospital,
 Raichur - 584103

Seal and signature of Principal

 Dr. GIRISH KATTI
 Principal,
 Navodaya Dental College & Hospital, Raichur - 584103.

Date: 03/12/2021
 Place: Raichur

Date: 03/12/2021
 Place: Raichur

Dr. GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
584103



Report of the collaborative research activity Department of Periodontology, Rishiraj College of Dental Sciences & Research Centre, Bhopal.

Dr. Jeevanand Deshmukh Prof & Head of the Department of Periodontics of our institution, Navodaya Dental College & Hospital Raichur has collaborated with Department of Periodontology, Rishiraj College of Dental Sciences & Research Centre, Bhopal. The project entitled An assessment of anti-citrullinated protein antibody in systemically healthy individuals with or without chronic periodontitis: A case-control study was self-supported for the duration of 1 year.

> [J Indian Soc Periodontol](#). Nov-Dec 2020;24(6):525-529. doi: 10.4103/jisp.jisp_141_20.
Epub 2020 Sep 21.

An assessment of anti-citrullinated protein antibody in systemically healthy individuals with or without chronic periodontitis: A case-control study

Ankita Rajaram Yadav¹, Jeevanand Deshmukh¹, Mandakal Venkatapur Devarathnamma¹, Asif Kardal¹, Mitali Bhagchandani¹, Ratika Srivastava²

Affiliations — collapse

Affiliations

- ¹ Department of Periodontics, Navodaya Dental College and Hospital, Raichur, Karnataka, India.
- ² Department of Periodontics, Rishiraj College of Dental Sciences and Research Center, Bhopal, Madhya Pradesh, India.

PMID: 33424168 PMCID: [PMC7781259](#) DOI: [10.4103/jisp.jisp_141_20](#)

[Free PMC article](#)

Abstract

Background: Periodontitis has been implicated as a risk factor for rheumatoid arthritis (RA).

Aim: This study aimed to assess the relationship between RA and chronic periodontitis (CP) by evaluating the serum levels of the anti citrullinated protein antibody (ACPA) which is a marker of RA in systemically healthy individuals with and without CP.

Materials and methods: This case-control study enrolled 40 systemically healthy individuals. Participants were divided into two groups, i.e., CP group Systemically healthy chronic periodontitis (CPSH) ($n = 20$) and control group Systemically healthy (SH) ($n = 20$), matched for age and gender. The CP patients were evaluated for periodontal parameters, namely probing pocket depth, clinical attachment loss, percentage of the site involved with attachment loss, and number of teeth present. A

NAVODAYA DENTAL COLLEGE AND HOSPITAL

RAICHUR

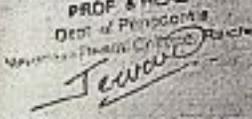
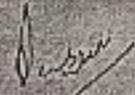
**REPORT OF RESEARCH WORK SUBMITTED TO THE RAJIV
GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE**

Dr .JeevanandDeshmukh ,Prof& Head ,Department of Periodontology of our institution ,Navodaya Dental College & Hospital ,Raichur. The project was guided by Dr.JYOTHI ,Professor & Self supported for 1 year. As a result of their joint research , we submitted a research work titled "ESTIMATION OF SERUM PROCALCITONIN LEVELS AS AN INFLAMMATORY MARKER IN INDIVIDUALS WITH CHRONIC PERIODONTITIS AND CHRONIC MIGRAINE - A CROSS SECTIONAL CLINICO-BIOCHEMICAL STUDY " to RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE .



**ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE
INSTITUTION**

This is to certify that the dissertation entitled "HOST MODULATION THERAPY" is a bonafide research work done by Dr. NANDITHA SANKAR under the guidance of Dr.JYOTHI, Professor Department of Periodontology.

Seal and signature of HOD PROF & HEAD Dept. of Periodontology Navodaya Dental College & Hospital, Raichur	Seal and signature of Principal
	
Dr. JEEVANAND DESHMUKH Professor and Head Department of Periodontology Navodaya Dental College & Hospital, Raichur - 584103 Date: Place: Raichur	Dr. GIRISH KATTI Principal, Navodaya Dental College & Hospital, Raichur - 584103 Date: Place: Raichur,



Dr. GIRISH KATTI M.D.S.
PRINCIPAL

NAVODAYA DENTAL COLLEGE
RAICHUR-584 103.

NAVODAYA DENTAL COLLEGE AND HOSPITAL

RAICHUR

REPORT OF RESEARCH WORK SUBMITTED TO THE RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE

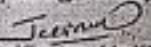
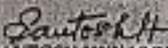
Dr. Jeevanand Deshmukh, Prof & Head, Department of Periodontology of our institution, Navodaya Dental College & Hospital, Raichur. The project was guided by Dr. JEEVANAND DESHMUKH, Professor & Self supported for 1 year. As a result of their joint research, we submitted a research work titled "AN ASSESSMENT OF ANICITRULLINATED PROTEIN ANTIBODY (ACPA) IN SYSTEMICALLY HEALTHY INDIVIDUALS WITH OR WITHOUT CHRONIC PERIODONTITIS - A CASE CONTROL STUDY" to RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES,
KARNATAKA, BENGALURU



ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "AN ASSESSMENT OF ANI CITRULLINATED PROTEIN ANTIBODY (ACPA) IN SYSTEMICALLY HEALTHY INDIVIDUALS WITH OR WITHOUT CHRONIC PERIODONTITIS: A CASE - CONTROL STUDY." is a bonafide research work done by Dr. ANKITA YADAV under the guidance of Dr. JEEVANAND DESHMUKH, Professor & Head, Department of Periodontology and Oral Implantology, Navodaya Dental College and Hospital, Raichur.

 And Signature of the HOD, PROF. & HEAD Dept. of Periodontology Navodaya Dental College, Raichur. Dr. JEEVANAND DESHMUKH Professor and Head Department of Periodontology Navodaya Dental College & Hospital, Implantology, Raichur-584103 Date: 9-11-2019 Place: Raichur	 And Signature of the Principal Dr. SANTOSH HUNAGI PRINCIPAL Navodaya Dental College, Raichur Navodaya Dental College & Hospital, Raichur-584103 Date: 9-11-2019 Place: Raichur
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Dr. GIRISH KATTI M.D.S.
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 RAICHUR-584 103.

NAVODAYA DENTAL COLLEGE AND HOSPITAL

RAICHUR

REPORT OF RESEARCH WORK SUBMITTED TO THE RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE

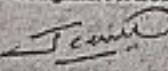
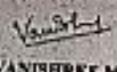
Dr. Jeevanand Deshmukh, Prof & Head, Department of Periodontology of our institution, Navodaya Dental College & Hospital, Raichur. The project was guided by Dr. ASIF K, Professor & Self supported for 1 year. As a result of their joint research, we submitted a research work titled "EFFECT OF NON SURGICAL PERIODONTAL THERAPY ON CREVICULAR FLUID IL-8 LEVEL IN CHRONIC PERIODONTITIS PATIENTS CAE CONTROL CLINICOBICHEMICAL STUDY" to RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BANGALURU,
KARNATAKA



ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "EFFECT OF NON SURGICAL PERIODONTAL THERAPY ON CREVICULAR FLUID IL-8 LEVEL IN CHRONIC PERIODONTITIS PATIENTS - A CASE CONTROL, CLINICO-BIOCHEMICAL STUDY" is a bonafide research work done by Dr. SRADHA PRADHAN under the guidance of Dr. ASIF K, Professor, Department of Periodontology.

Seal and signature of HOD	Seal and signature of Principal
	
Dr. JEEVANAND DESHMUKH Professor and Head Department of Periodontology Navodaya Dental College & Hospital, Raichur - 584103 PROF. & HEAD Dept. of Periodonts Navodaya Dental College, Raichur	Dr. VANISHREE M Principal, Navodaya Dental College & Hospital, Raichur - 584103. PRINCIPAL Navodaya Dental College, RAICHUR
Date: 17/10/2020 Place: Raichur	Date: 17/10/2020 Place: Raichur.


GIRISH KATTI M.D.S.
PRINCIPAL
NAVODAYA DENTAL COLLEGE
RAICHUR-584103.

Letter of Intent for Student Exchange Program for Academic Activities

Between

Navodaya Dental College and AME's Dental College, Raichur

1. Navodaya Dental College and AME's Dental College, Raichur have consented to collaborate for Student Exchange Program which may result in intellectual exploration and broadening of academic professional and cultural prospective.
2. Both the Institutes/ Organizations can utilize the facilities for academic and other student related collaborative research work.
3. The intent of collaboration is purely for academic knowledge, research and overall professional development.
4. The student posting list be sent to the Head of the Institution and also the attendance and other academic activities on completion of the program.
5. The posted student should follow rules and regulations set by host Institute.

In witness whereof we give our consent hereto signed for all such collaborative activities for the period of three years from 01/08/2016 to 31/07/2019.


Principal

Navodaya Dental College
Mantralayam Road, Raichur-584103

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Navodaya Dental College.
RAICHUR


Principal

AME's Dental College
Bijanagere Road, Raichur-584103

PRINCIPAL
A.M.E.S DENTAL COLLEGE
RAICHUR

Letter of Intent for Collaboration of Academic Research work

Between

Navodaya Dental College and Dr.Pathan's ENT Nursing Home,
Raichur

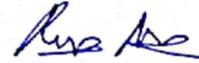
1. Navodaya Dental College and Dr.Pathan's ENT Nursing Home, Raichur have consented to collaborate for academic and research activities.
2. Both the Institutes/ Organizations can utilize the facilities for academic and research work.
3. The intent of collaboration is purely for academic knowledge updation and research activities without any financial obligations.

In witness whereof we give our consent hereto signed for all such collaborative activities for the period of three years from 25/02/2016 to 24/11/2019.



Principal

Navodaya Dental College
Mantralayam Road, Raichur



Authorized signatory

Dr.Pathan's ENT Nursing Home
Androon Quilla, Raichur-584101
Dr. RIZWAN PATHAN

MBBS md (ENT)

Consultant ENT. Surgeon

KMC No. 40715

☛ No 2-2-8, Androon Quilla, RAICHUR

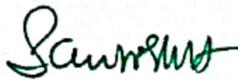
Letter of Intent for Collaboration of Academic Research work

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Raichur

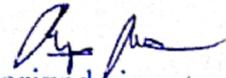
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Principal

Navodaya Dental College
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Authorized Signatory

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MBBS md (ENT)

CONSULTANT ENT. Surgeon

KMC No. 40715

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Letter of Intent for Collaboration of Academic Research work

Between

Navodaya Dental College and Naveen Multispecialty Hospital,
Raichur

1. Navodaya Dental College and Naveen Multispecialty Hospital, Raichur have consented to collaborate for academic and research activities.
2. Both the Institutes/ Organizations can utilize the facilities for academic and research work.
3. The intent of collaboration is purely for academic knowledge updation and research activities without any financial obligations.

In witness whereof we give our consent hereto signed for all such collaborative activities for the period of three years from 10/08/2019 to 09/08/2022.


Principal

Navodaya Dental College
Mantralayam Road, Raichur

Navodaya Dental College,
Raichur



Authorized Signatory
Naveen Multispecialty Hospital
IB Road, Raichur-584103



Letter of Intent for Collaboration of Academic Research work

Between

Navodaya Dental College and Naveen Multispecialty Hospital,
Raichur

1. Navodaya Dental College and Naveen Multispecialty Hospital, Raichur have consented to collaborate for academic and research activities.
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Principal

Navodaya Dental College
Mantralayam Road, Raichur

PRINCIPAL

Navodaya Dental College,
RAICHUR



Authorized signatory

Naveen Multispecialty Hospital
IB Road, Raichur-584103





Report of the collaborative research activity with Navodaya medical college and hospital

Report of the collaborative research activity with Navodaya Medical college ,Raichur, with Navodaya dental college, Raichur for Using Digital Weighing and Ph meter by post graduate student Dr.Yashaswini for her study on Invitro Evaluation of Corrosion of Stainless Steel orthodontic brackets by change in mass :influence of different tooth paste, article is under process for publication

Dr.Sugareddy, Prof & Head of the Department of Orthodontics and dentofacial orthopaedics of our institution, Navodaya Dental College & Hospital Raichur has collaborated with Navodaya Medical College & Hospital Raichur. The project was self-supported for the duration of 1 year.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES
BENGALURU, KARNATAKA

ENDORSEMENT BY THE HOD, PRINCIPAL, HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "AN IN VITRO EVALUATION OF CORROSION OF STAINLESS STEEL ORTHODONTIC BRACKETS BY CHANGE IN MASS: INFLUENCE OF DIFFERENT TOOTHPASTES" is a bonafide research work done by **Dr. YASHASWINI K.V.** under the guidance of **Dr. SUGAREDDY** Professor & Head, Department of Orthodontics & Dentofacial Orthopedics, Navodaya Dental College & Hospital, Raichur

<p><i>[Signature]</i> Seal and signature of HOD Dr. SUGAREDDY Professor & HOD Department of Orthodontics & Dentofacial Orthopedics Navodaya Dental College & Hospital, Raichur - 584103</p> <p>Date: 02/12/2021 Place Raichur</p>	<p><i>[Signature]</i> Seal and signature of Principal Dr. GIRISH KATTI Principal Navodaya Dental College & Hospital, Raichur - 584103</p> <p>Date: 02/12/2021 Place Raichur</p>
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[Signature]
 PR. F. & HEAD
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 Navodaya Dental College, Raichur

[Signature]

Dr. GIRISH KATTI M.D.S.
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Report of the collaborative research activity with UNITEST-10, ACME Engineers PUNE, India

Report of the collaborative research activity with UNITEST-10, ACME Engineers PUNE, India with Navodaya dental college, Raichur for obtaining Shear Bond Strength by Universal Testing Machine in the year 2020 by post graduate student Dr. Bhargav Krishna Sriram for his study on Evaluation of Shear Bond Strength of Orthodontic Brackets on various Remineralized Enamel surface using Self Etch System, article is under process for publication

Dr.Sugareddy, Prof & Head of the Department of Orthodontics and Dentofacial Orthopaedics of our institution, Navodaya Dental College & Hospital Raichur has collaborated with UNITEST-10,ACME Engineers PUNE, India. The project was self-supported for the duration of 1 year.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES,
BENGALURU, KARNATAKA.

ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled -"EVALUATION OF SHEAR BOND STRENGTH OF ORTHODONTIC BRACKETS ON VARIOUS REMINERALIZED ENAMEL SURFACES USING SELF ETCH SYSTEM" is a bonafide research work done by Dr. BHARGAV KRISHNA SRIRAM under the guidance of Dr. RAJESH KUMAR Professor Department of Orthodontics & Dentofacial Orthopaedics, Navodaya Dental College & Hospital, Raichur

<p><i>Seal and signature of HOD</i></p> <p>Dr. SUGAREDDY Prof. & HOD Department of Orthodontics & Dentofacial Orthopaedics Navodaya Dental College & Hospital, Raichur - 581103 Date: 17/12/2020 Place: Raichur</p>	<p><i>Seal and signature of Principal</i></p> <p>DR. GIRISH KATTI Principal Navodaya Dental College & Hospital, Raichur - 581103 Date: 17/12/2020 Place: Raichur</p>
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Signature
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Dept. of Orthodontia
Navodaya Dental College, Raichur

Dr. GIRISH KATTI M.D.S.
PRINCIPAL
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Report of the collaborative research activity with Central Manufacturing Institute Of Technology and University of Agriculture Science

Report of the collaborative research activity with 3D Profilometer from Central Manufacturing Institute Of Technology ,Bangalore, and University of Agriculture Science, Raichur, with Navodaya Dental College, Raichur for Evaluation of Adhesive Remnants and Stain Susceptibility in the year 2020 by post graduate student Dr.Vishala G K for his study on Evaluation of Adhesive Remnants of three different orthodontic Adhesive System after Debonding and to Compare Stain Susceptibility of three Different Clean up Procedures- An Invitro Study, article is under process for publication, Dr.Sugareddy, Prof & Head of the Department of Orthodontics and dentofacial orthopaedics of our institution, Navodaya Dental College & Hospital Raichur has collaborated with Central Manufacturing Institute of Technology, Bangalore and University of Agriculture Science, Raichur. The project was self-supported for the duration of 1 year.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES,
BENGALURU, KARNATAKA.

ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled - "EVALUATION OF ADHESIVE REMNANTS OF THREE DIFFERENT ORTHODONTIC ADHESIVE SYSTEM AFTER DEBONDING AND TO COMPARE STAIN SUSCEPTIBILITY OF THREE DIFFERENT CLEANUP PROCEDURES"- AN INVITRO STUDY is a bonafide research work done by Dr. VISHALA G K under the guidance of Dr. DURGA PRASAD Professor, Department of Orthodontics & Dentofacial Orthopedics, Navodaya Dental College & Hospital, Raichur

<p>Seal and signature of HOD</p> <p><i>[Signature]</i> Dr. SUGAREDDY Professor & HOD Department of Orthodontics & Dentofacial Orthopaedics Navodaya Dental College & Hospital, Raichur - 584103 Date: 10/12/2020 Place Raichur</p>	<p>Seal and signature of Principal</p> <p><i>[Signature]</i> Dr. GIRISH KATTI PRINCIPAL Navodaya Dental College, & Hospital Raichur - 584103 Date: 10/12/2020 Place Raichur</p>
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[Signature]
PRINCIPAL & HEAD
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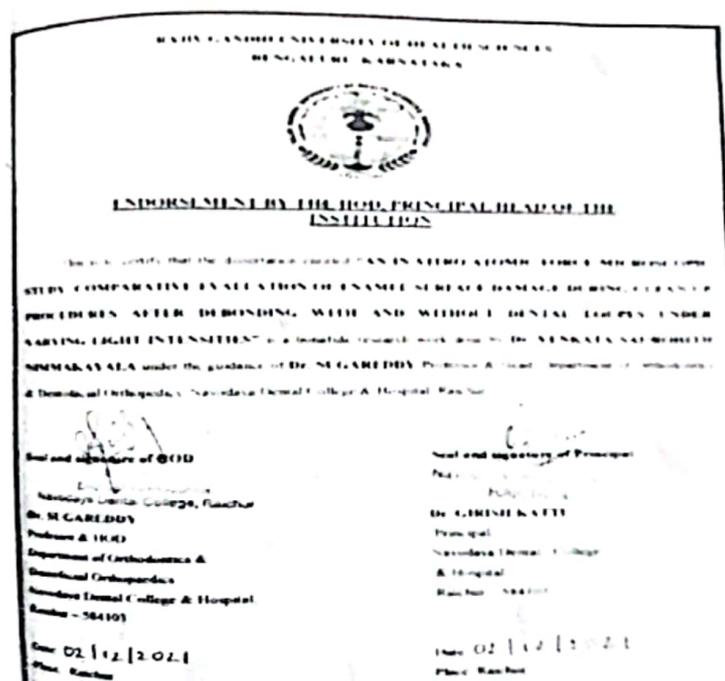
Dr. GIRISH KATTI M.D.S.
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Report of the collaborative research activity with University of Agriculture Science

Report of the collaborative research activity with University of Agriculture Science, Raichur and Navodaya Dental college and hospital, Raichur for obtaining topographic images by Atomic Force Microscope in the year 2020 by post graduate student Dr. Sai Rohith for her study on An invitro Atomic Force Microscopic Study : Comparative evaluation of enamel surface damage during cleanup procedures after debonding with and without dental loupes under varying light intensities article is under process for publication

Dr. Sugareddy, Prof & Head of the Department of Orthodontics and Dentofacial Orthopaedics of our institution, Navodaya Dental College & Hospital Raichur has collaborated with University of Agriculture Science, Raichur. The project was self-supported for the duration of 1 year.



[Handwritten signature]
PROF. & HEAD
Dr. Sugareddy
Navodaya Dental College & Hospital, Raichur

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Dr. GIRISH KATTI M.D.S.
PRINCIPAL

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Report of the collaborative research activity with University of Agriculture Science

Report of the collaborative research activity with University of Agriculture Science, Raichur and Navodaya Dental college and hospital, Raichur for obtaining topographic images by Atomic Force Microscope in the year 2019 by post graduate student Dr. Sharanya Sasidharan for her study on Comparison of Enamel Nanotopography After Interproximal Reduction With Burs and Polishing Aids Under Atomic Force Microscope: An Invitro Study, article is under process for publication

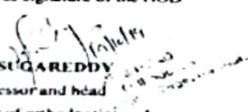
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RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES,
BENGALURU, KARNATAKA.



**ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF
THE INSTITUTION**

This is to certify that the dissertation entitled - "COMPARISON OF ENAMEL NANOTOPOGRAPHY AFTER INTERPRONIMAL REDUCTION WITH BURS & POLISHING AIDS UNDER ATOMIC FORCE MICROSCOPE: AN-IN-VITRO STUDY" is a bonafide research work done by Dr. SARANYA SASIDHARAN under the guidance of Dr. SUGAREDDY.

<p>Seal & signature of the HOD</p>  <p>Dr. SUGAREDDY Professor and head Dept of orthodontics and Dentofacial orthopedic Navodaya dental college & Hospital, Raichur-584103.</p> <p>Date 19/10/19 Place Raichur</p>	<p>Seal & Signature of the Principal</p>  <p>Dr. SANTOSH HUNNUR Principal, Navodaya Dental College, RAICHUR Navodaya Dental College & Hospital Raichur -584103.</p> <p>Date 19/10/19 Place Raichur</p>
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Prof. & Head
Dept. of Orthodontics
Navodaya Dental College, Raichur

Principal

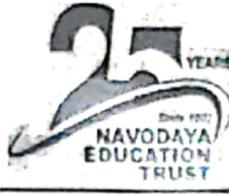
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Navodaya Dental College & Hospital

Raichur - 584103

Report of the collaborative research activity with biochemistry lab Navodaya medical college Raichur

Dept of pedodontics Navodaya dental college raichur has collaborated with biochemistry lab Navodaya medical college Raichur . The project was self supported for the duration of 1 year. As a result of joint effort we published JNSBM, 2021 Jan-June;12(1):109-112 an article titled "Urease Activity In Saliva And Plaque As Endogenous Protection Against Dental Caries In Institutionalized Blind Children.

Vinod Kumar, Anisha Nanda, K. Harish Bhat, Pallavi Ashrit, Aleena Babu, M. K. Shakir

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Original Article

Urease Activity in Saliva and Plaque as Endogenous Protection against Dental Caries in Institutionalized Blind Children

Vinod Kumar, Anisha Nanda, K. Harish Bhat¹, Pallavi Ashrit¹, Aleena Babu, M. K. Shakir

Department of Pedodontics and Preventive Dentistry, Navodaya Dental College and Hospital, ¹Department of Biochemistry, Navodaya Medical College and Hospital, Raichur, Karnataka, India

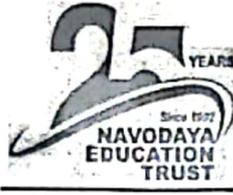
Abstract

Background: Urease activity has been proposed to have a significant effect on dental caries, showing reduced caries activity with increased urease levels. Thus, the aim of the study was to evaluate the ureolytic activities of saliva and plaque in caries-active and caries-free institutionalized blind children. **Materials and Methods:** Fifty-two institutionalized blind children were divided into two equal groups using decayed, missing, and filled Teeth index as Group A – caries free and Group B – caries active. Urease activity was measured by collecting saliva and plaque samples from them. Children were refrained from any oral hygiene procedures during the 12 h preceding the sample collection. Urease enzyme activity was obtained by carrying out biochemical procedures. Mann-Whitney test was used to determine the statistical significance of the data. **Results:** In saliva, caries-free group had higher mean urease levels of 1.82 ± 0.497 as compared to caries-active group which had mean urease levels of 0.445 ± 0.304 . In plaque, caries-active group had lower mean urease levels of 0.877 ± 0.942 as compared to caries-free group which had mean urease levels of 1.570 ± 0.918 . The specific urease activity in saliva and plaque was significantly higher in individuals with low caries rates. **Conclusion:** Caries-free children had a higher ammonia generation activity by urease for both saliva and plaque samples than low caries-active children. High levels of alkali production in the oral environment were related to caries-free children.

Keywords: Alkali, ammonia, caries, urease

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Report of the collaborative research activity with biochemistry lab Navodaya medical college Raichur

Dept of pedodontics Navodaya dental college raichur has collaborated with biochemistry lab Navodaya medical college Raichur . The project was self supported for the duration of 1 year. As a result of joint effort we published an article in JNSBM, 2021 Jan-June; 12(1):113-116 titled "Correlations Of Oral Bacterial Urea Catabolism with Caries Experience in Normal Weight Children And Underweight children" with the following authors of the published paper Vinod Kumar, Aleena Babu, K. Harish Bhat, Pallavi Ashrit, Anisha Nanda, M. K. Shakir

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Original Article

Correlations of Oral Bacterial Urea Catabolism with Caries Experience in Normal-Weight Children and Underweight Children

Vinod Kumar, Aleena Babu, K. Harish Bhat¹, Pallavi Ashrit¹, Anisha Nanda, M. K. Shakir

Department of Pedodontics and Preventive Dentistry, Navodaya Dental College and Hospital, ¹Department of Biochemistry, Navodaya Medical College and Hospital, Raichur, Karnataka, India

Abstract

Background: Alkali generation by oral bacteria plays a key role in plaque pH homeostasis and may be inhibitory to the initiation and progression of dental caries. A substantial body of evidence is beginning to accumulate, which indicates that the modulation of the Alkali generating potential of dental biofilms may be a promising strategy for caries control. **Aim:** The aim of the study was to determine the capacity of oral samples to produce ammonia from urea and its relation to caries experience in normal-weight children and underweight children. **Materials and Methods:** Urease activity was measured in the saliva and plaque of 25 caries-active (CA) individuals who have normal weight and 25 CA individuals who are underweight. Urease activity was obtained from the ammonia produced by the incubation of plaque and salivary samples in urea. Independent sample *t*-test and Pearson's correlation were used to compare the differences and to correlate the urease levels and caries experience between groups. **Results:** The results showed that the mean urease levels in saliva were higher in All are positive value-1.2192±1.012 as compared to that of underweight children-0.78-0.676. The mean urease levels in plaque were lower in normal-weight children-0.1120-0.12206 as compared to that of underweight children-0.4824-0.5215. **Conclusion:** In underweight children, the caries activity was higher along with increased urease activity in saliva and lower urease activity in plaque, whereas in normal-weight children, the caries activity was lower with increased urease activity in saliva and lower urease activity in plaque.

Keywords: Alkali, ammonia, urease

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Navodaya Dental College & Hospital

Raichur - 584103

Report of the collaborative research activity

Dept of pedodontics Navodaya dental college raichur has collaborated with Department of Pedodontics and Preventive Dentistry, Sri Hasanamba Dental College and Hospital, Hassan, Karnataka, 2Department of Pedodontics and Preventive Dentistry, Geetanjali Dental College and Research Institute, Udaipur, Rajasthan, India. The project was self supported for the duration of 1 year. As a result of joint effort we published an article in JISPPD2019 January-March; 37(1):18-24 titled "Pediatricians knowledge and attitude towards digit sucking habit in children " with the following authors of the published paper Vinod Kumar, Veena Shivanna, Rajkumar Chowdary Kopuri

J Indian Soc Pedod Prev Dent. Jan-Mar 2019;37(1):18-24. doi: 10.4103/JISPPD.JISPPD_136_18.

Knowledge and attitude of pediatricians toward digit sucking habit in children

Vinod Kumar ¹, Veena Shivanna ², Rajkumar Chowdary Kopuri ³

Affiliations

PMID: 30804303 DOI: 10.4103/JISPPD.JISPPD_136_18

Abstract

Background: Finger sucking and prolonged dummy sucking are the most prevalent oral habits among infants, toddlers, and children. Pediatricians are more likely to see infants and children much earlier than dentists. Thus, it is essential for these specialists to be aware of the harmful nature of digit sucking habit and its associated complications.

Aims and objectives: The present study was designed to evaluate the knowledge and attitude among pediatricians about digit sucking habit in children.

Methodology: The survey was carried out using a self-administered questionnaire which was delivered to the study subjects by hand or by mail. The returned questionnaires from the pediatricians were statistically analyzed using descriptive statistics (percentage).

Results: This study showed that many respondents were unaware that oral habits could be responsible for malocclusion. A high percentage of respondents preferred not to examine oral features in digit sucking child. Among the etiological factor that may contribute to digit sucking habit in a child, most of the respondents expressed that habitual, psychological and inadequate parental care are possible causes. Most of the participants answered that parental and child counseling is essential to stop the habit. Most of the respondents did not refer the digit sucking child to the dentist for the better management of associated malocclusion.

Conclusion: Knowledge and attitude among pediatricians about digit sucking habit in children were found to be unsatisfactory. Continuing dental education programs and symposiums can be conducted for pediatricians to enhance their knowledge about pernicious oral habits.

Keywords: Attitude; digit sucking; knowledge; oral habits.

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Report of the collaborative research activity

Dept of Pedodontics Navodaya dental college Raichur has collaborated with Department of Dentistry, Government Medical College, Srikakulam, Andhra Pradesh, 1Department of Periodontics, PSM College of Dental Sciences and Research, Akkikavu, Trichur, Kerala, Department of Oral Maxillofacial Pathology, Malla Reddy Institute of Dental Sciences, Suraram, Hyderabad, Telangana, Department of Pedodontics and Preventive Dentistry, Sri Hasanamba Dental College and Hospital, Hassan, Karnataka, India, Department of Public Health, WKU, USA, Department of Public Health, Faculty of Dentistry, AIMST University, Bedong, Kedah, Malaysia. The project was self supported for the duration of 1 year. As a result of joint effort we published an article in JNSBM, 2020 July-Dec; 11(2):183-88 titled "Knowledge and Attitude of School Teachers toward Thumb-Sucking Habit in Children " with the following authors of the published paper

Vinod Birra, Mathai Thomas, Kranti Kiran Reddy Ealla, Vinod Kumar, Sowmya Marri, Durga Prasad Mudrakola, Veena Shivanna

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Original Article

Mini Series on microbial and dental problems

Knowledge and Attitude of School Teachers toward Thumb-Sucking Habit in Children

Vinod Birra, Mathai Thomas¹, Kranti Kiran Reddy Ealla², Vinod Kumar³, Sowmya Marri⁴, Durga Prasad Mudrakola⁵, Veena Shivanna⁶

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Abstract

Background: Thumb sucking is the most prevalent oral habits among toddlers infants and children. Children spend considerable amount of time in school. Hence, school teachers, especially primary school teachers can play an important role in developing health habits in their students. There are lack of studies on the assessment of teacher's knowledge and attitude about thumb-sucking habit. **Aim:** The study was undertaken to determine the knowledge and attitude of school teachers toward thumb-sucking habit in children. **Methodology:** Pretested questionnaires that involved paper and pen were distributed to the study participants in person and the filled questionnaires were collected on the same day. Then, the completely filled questionnaires were statistically analyzed using descriptive statistics (percentage). **Results:** Many respondents were unaware of thumb-sucking habit. High percentage of the study participants adopted similar methods to stop thumb-sucking habit in school children. Many teachers indicated that the Internet was the leading source of information about thumb-sucking habit. Furthermore, many teachers were willing to learn more about the prevention and management of the thumb-sucking habit. Most of the study participants felt that counseling of parents and child is very important to stop the habit. Large percentages of teachers were unaware of the role of the dentist in the management of thumb-sucking habit and its associated malocclusion. **Conclusion:** In this study, the primary school teachers lack the knowledge about thumb-sucking habit in children and their attitude was also found to be unsatisfactory. They need educational programs and symposiums to update their knowledge about the pernicious oral habits.

Keywords: Attitude, knowledge, oral habits, teachers, thumb sucking

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Report of the collaborative research activity

Dept of Pedodontics Navodaya dental college raichur has collaborated with Department of Oral Pathology, Dental College Raichur Karnataka, Department of Oral Pathology, Guru Gobind Singh College of Dental Sciences and Research Centre, Bhuranpur, Madhya Pradesh, India. The project was self supported for the duration of 1 year. As a result of joint effort we published an article in J Pharm Bioallied Sci 2017 dental supplement Nov; Vol 9: S147-153 titled "Knowledge and Attitude of Dental Surgeons about Ocular Complications Due to Dental Infection" with the following authors of the published paper Prahalad Hunsigi, Vinod Kumar, M. R. Pradeep, B. C. Arun

J Pharm Bioallied Sci. 2017 Nov;9(Suppl 1):S147-S153. doi: 10.4103/jpbsJPBS_108_17.

Knowledge and Attitude of Dental Surgeons about Ocular Complications Due to Dental Infection

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Affiliations

PMID: 29284955 PMID: PMCS731003 DOI: 10.4103/jpbsJPBS_108_17

Free PMC article

Abstract

Background: Ocular complications such as ophthalmia, defective vision, orbital cellulitis, and blindness (temporary or permanent) are rare complications due to dental infection. Currently, there is lack of guidelines in preventing and managing ocular problems. Hence, we assessed the dentist's knowledge and attitudes about ocular complications due to dental infection.

Materials and methods: A cross-sectional prospective survey selecting practicing dentists or academicians was carried out through e-mail using a standardized self-administered questionnaire. The data were statistically analyzed using descriptive statistics (percentage).

Results: Only 25% participants knew about ocular complications due to dental infection. Journals and internet were the key sources of information among dentists. Majority of participants responded that ocular complications are underreported in the literature. Large proportion (90%) of the participants advocated research on ocular complications due to dental infection. Many participants indicated the prevention of ocular complications.

Conclusion: In our observation, dentist's knowledge about ocular complications due to dental infection was poor, and the awareness and practice of taking preventive measures were satisfactory. There is need for providing adequate information about ocular problems in the curriculum of dentistry. Dentists should be trained about prevention and initial management of ocular complications due to dental infection through special educations such as continuing dental educations, workshops, and symposium.

Keywords: Dental; ocular; ophthalmia; orbital cellulitis.


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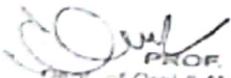
Dr.Chitra Chakravarthy, Prof & Head Department of Oral & Maxillofacial Surgery of our institution, Navodaya Dental College & Hospital Raichur, has collaborated with Spark Eye & Dental Care Hospital, Hyderabad. The project was guided & self-supported for duration of 1 year. As a result of their joint research, we submitted a research work titled "Assessment of reproducibility of craniometric measurements by using 2D analysis, CBCT & 3D printed model" To RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE.

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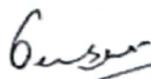


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This is to certify that the dissertation entitled "ASSESSMENT OF REPRODUCIBILITY AND RELIABILITY OF CRANIOMETRIC MEASUREMENTS BY USING 2D ANALYSIS, CBCT AND 3D PRINTED MODEL" is a bonafide research work done by DR.DIMPLE JAIN under the guidance of DR. CHITRA CHAKRAVARTHY, Professor, Department of Oral & Maxillofacial Surgery, Navodaya Dental College & Hospital, Raichur


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DOMINGO under the guidance of DR. CHITRA CHAKRAVARTHY,
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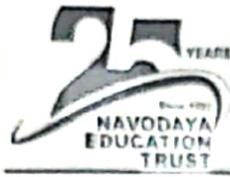
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Report of the collaborative research activity with Spark Eye & Dental Care Hospital, Hyderabad.

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Technical Note

Craniofacial
Trauma &
Reconstruction Open

Cast Metal Surgical Guides: An Affordable Adjunct to Oral and Maxillofacial Surgery

Craniofacial Trauma & Reconstruction Open
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Chitra Chakravarthy, MDS¹, Daisy Aranha, MDS¹,
Santosh Kumar Malyala, PhD¹, and Ravi S Patil, MDS¹

Abstract
Additive manufacturing or 3-dimensional (3D) printing technology has an incredible ability to create complex constructs with high accuracy. Surgical guides printed using this technology allows the transfer of the virtual surgical plan to the operating table, optimizing aesthetic outcomes, and functional rehabilitation. A vast variety of materials are currently being used in medical 3D printing, including metals, ceramics, polymers, and composites. The guides fabricated with titanium have high strength, excellent biocompatibility, and are sterilizable but take time to print and are expensive. We have thus followed a hybrid approach to fabricate an inexpensive surgical guide using metal where the advantage of 3D printing technology has been combined with the routinely followed investment casting procedure to fabricate guides using nickel-chromium, which has all the advantages of a metal and is cost-effective.

Keywords
additive manufacturing, additive manufacturing, investment metal casting, surgical guide, metal guide, 3D printing, TiNi alloy/iron

Received 4 March 2020; accepted 11 August 2020

Additive manufacturing (AM) or 3-dimensional (3D) printing is gaining more and more attention, especially in the head and neck surgical operations. This technology has an inexhaustible ability to create complex constructs with high accuracy. Maxillofacial surgical procedures benefit immensely as it improves the esthetic and functional outcomes along with the predictability of the procedure.¹ Surgical guides allow the transfer of the virtual surgical plan to the operating table.

The ideal guide design should be such that it is not too bulky to block the surgical field and interfere with the steps of procedure or not too thin that it is likely to break and lacks strength or withstand the procedure. It should be biocompatible and should not have traces of the material at the surgical site. Surgical guides are generally designed and printed using biocompatible resin. This is designed following a specific computer aided design and computer aided manufacturing process. Although semi-conductivity materials have the property of high stiffness along with its fine detailing quality, it may be expensive and not easily

available in all centers.² It also becomes brittle when exposed to ultraviolet curing light. Guides fabricated with titanium have high strength, low density, resistance to corrosion, and excellent mechanical properties.³ Additionally, they have good biocompatibility and are sterilizable, which makes it ideally suited for medical prostheses, dental implants, and surgical guides. Despite all these benefits, the major drawback is that they take time to print and are expensive.⁴ To overcome these, we developed a hybrid approach to fabricate an inexpensive surgical guide using

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Dr.Chitra Chakravarthy, Prof & Head Department of Oral & Maxillofacial Surgery of our institution, Navodaya Dental College & Hospital Raichur, has collaborated with SHREE TIRUMALA CBCT CENTER, Raichur. The project was guided & self-supported for duration of 1 year. As a result of their joint research, we submitted a research work titled "COMPRESSIVE SCREW DENTAL IMPLANTS VS CONVENTIONAL DENTAL IMPLANTS-A COMPARATIVE CLINICAL AND CBCT STUDY". To RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE.

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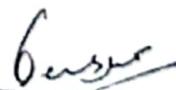
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COMPARATIVE CLINICAL AND CBCT STUDY" is a bonafide research work
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and Hospital, Raichur.

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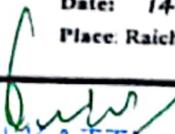

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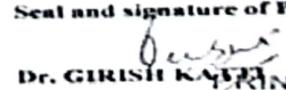
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This is to certify that the dissertation entitled "COMPARATIVE EVALUATION OF EFFICACY AND MECHANICAL RESISTANCE OF HERBERT SCREW VERSUS LAG SCREW IN THE MANAGEMENT OF MANDIBULAR ANTERIOR FRACTURE: AN IN-VITRO AND IN-VIVO STUDY" is a bonafide research work done by Dr. TABASSUM under the guidance of Dr. CHITRA CHAKRAVARTHY, HOD & Professor, Department of Oral and Maxillofacial Surgery, Navodaya Dental College and Hospital, Raichur.

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REPORT OF COLLABORATIVE RESEARCH ACTIVITY WITH OTHER INSTITUTES

Dr Zaheer Ahmed , Professor, Department of Public Health Dentistry, of our institute has collaborated for research activity with dental students of coastal Andra Pradesh .three college and duration of this study 1months, the study was self supported . The joint study was published in article titled "ASSESSMENT OF KNOWLEDGE, ATTITUDE AND PRACTICES ON FIXED DOSE COMBINATIONS AMONG POST GRADUATE DENTAL STUDENTS J Int Soc Prev Community Dent 2016;6 (Suppl 3): S243-S247.

Narayana R. Vinnakota, Kamal S. Shaik and Naveen K. Boppana, Departments of Public Health Dentistry , V. Krishna, Department OF Periodontics, Lenora Institute of Dental Sciences, Rajahmundry, Andhra Pradesh, V. Viswanath, Department of Public Health Dentistry, Sibar Institute of Dental Sciences, Guntur, Andhra Pradesh

Original Article

Assessment of knowledge, attitude, and practices on fixed dose combinations among postgraduate dental students

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Abstract

Aim: To assess the knowledge, attitude, and practices of fixed dose combination drugs among postgraduate dental students. Materials and Methods: A cross-sectional study was carried out among postgraduate dental students of dental colleges in coastal Andhra Pradesh. Three colleges were randomly selected and students of all the three years were included. Data was collected from the specialties of oral medicine and radiology, oral surgery, endodontics, pedodontics, periodontology, and public health dentistry. The total sample was 90 postgraduate students, informed consent was obtained from the participants, and a pretested questionnaire was distributed to them. Data was analyzed using the Statistical Package for the Social Sciences version 20 software. Results: Out of 90 postgraduates, 31 were males and 57 were females. Thirty-five percent were aware of the essential medical list (EML), among them 11% were from oral medicine and radiology and 6.7% were from pedodontics. However, most of them were unaware of the number of fixed dose combination drugs present in the World Health Organization EML. None of them were able to name at least a single banned fixed dose combination drug. Most of them were unaware of the advantages and disadvantages of using fixed dose combination drugs. Amoxicillin with clavulanic acid was the most common drug prescribed by students (73.3%) followed by ofloxacin with ornidazole (54.4%), ibuprofen with paracetamol (53.3%), and sulfamethoxazole with trimethoprim (6%). Most of them were unaware of the rationality in using fixed dose combination drugs. Common sources of information were medical representatives 43 (47.8%), internet 39 (43.3%), and 12 (13.3%) reported using WHO EML. Conclusion: There is an urgent need to improve knowledge on the rationality for using fixed dose combination, EML, and banned fixed dose combination in India to the promote rational use of fixed dose combination.

Key words: Essential medical list, fixed dose combinations, knowledge

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REPORT OF COLLABORATIVE RESEARCH ACTIVITY WITH OTHER INSTITUTES

Dr Somanath Reddy K. , Reader, Department of Public Health Dentistry, of our institute has collaborated for research activity with central sericulture ,research and training institute (CSR&TI) ,Mysore the study was done for 4 months the study was self supported . The joint study was published in article titled "SUBJECTIVE AND OBJECTIVE ORAL HEALTH INDICATORS AMONG INDIAN ADULT POPULATION INTERNATIONAL JOURNAL OF CURRENT RESEARCH Vol. 8, Issue, 11, November, 2016"

Neha Gupta, Senior Lecturer, Department of Oral Medicine and Radiology, People's College of Dental Sciences and Research, Bhopal, Madhya Pradesh, Ritu Gupta ,Senior Lecturer, Ashish Singla, Reader, Basavaraj Patthi, Professor and Head ,Department of Public Health Dentistry, D.J. College of Dental Sciences and Research, Modinagar, Uttar Pradesh, Arun Kumar Acharya ,Professor and Head ,Department of Public Health Dentistry, Navodaya Dental College and Hospital, Raichur ,Venkatesh Goud, Senior Lecturer, Department of Public Health Dentistry, Malla Reddy Institute of Dental Sciences, Hyderabad, Telangana .



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RESEARCH ARTICLE

SUBJECTIVE AND OBJECTIVE ORAL HEALTH INDICATORS AMONG INDIAN ADULT POPULATION

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ABSTRACT

Background: Occupational stress is becoming increasingly globalized. Research scientists, technicians and laborers are under stress due to irregular work pattern and prolonged working hours, making this group vulnerable to change their regular dietary habits and lifestyle. Thus, the present study was conducted to assess the impact of oral conditions on quality of life among employees of Central Sericulture, Research and Training Institute (CSR&TI), Mysore, and to assess the relationship between clinical measures of oral health status, dental caries and oral health related quality of life. **Methods:** Cross-sectional data from all the scientists, technicians and laborers of CSR&TI, Mysore, was collected. A 14-item Oral Health Impact Profile to assess oral health related quality of life was used and clinical examination was done to record DMFT according to WHO criteria 1997. **Results:** The prevalence of caries was 76.2%. The mean DM, MI, FI and DMFT were 1.98±2.49, 1.04±1.71, 0.49±1.00 and 3.57±3.19 respectively. The most prevalently affected OHIP-14 domain was physical pain (64.76%). Caries status was found to be significantly correlated with most of the domains of OHIP-14. **Conclusion:** Clinical indicators of oral health status, dental caries was found to be associated with OHIP-14 scores and has an impact on oral health related quality of life.

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REPORT OF RESEARCH WORK PUBLISHED to the
INTERNATIONAL JOURNAL OF DENTAL SCIENCE AND INNOVATIVE
RESEARCH (IJDSIR)

Dr. Prashant B Patil, Prof & Head Department of Oral Medicine & Radiology of our institution, Navodaya Dental College & Hospital Raichur, The project was guided and self supported for the duration of 1 year. As a result of their joint research, we submitted a research work titled "CLINICAL EFFICACY OF ALOE VERA AND TRIAMCINOLONE ACETONIDE IN THE MANAGEMENT OF MINOR RECURRENT APHTHOUS STOMATITIS- A RANDOMISED DOUBLE-BLIND CLINICAL STUDY" to RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE.



International Journal of Dental Science and Innovative Research (IJDSIR)
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Volume - 2, Issue - 6, November - December - 2019, Page No. : 79 - 89

Clinical Efficacy of Aloe Vera and Triamcinolone Acetonide in the Management of Minor Recurrent Aphthous Stomatitis- A Randomised Double-Blind Clinical Study

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Type of Publication: Original Research Paper

Conflicts of Interest: Nil

Abstract

Aim: To compare the therapeutic effects of Aloe Vera and triamcinolone acetonide in alleviating the healing duration and pain in recurrent aphthous ulcers.

Methodology: A double-blind clinical trial was carried out on 60 clinically diagnosed RAS patients in the department of Oral Medicine and Radiology. Patients were selected by simple random sampling technique; the study sample was divided into three groups with 20 patients in each group. Group A received placebo, group B Aloe Vera and group C triamcinolone acetonide 0.1% respectively. Treatment outcome was evaluated and improvement in the size and pain score of the ulcer was evaluated. The statistical analysis was done using ANOVA and Chi-square test where p=0.05 was statistically significant.

Results: The results of the study showed female preponderance (68.3%) as compared to males (31.6%) and affecting younger age group (21-25 years) for RAS. Although triamcinolone acetonide was effective in

alleviating the pain score in initial stage of the study with mean and standard deviation 1.40±1.14 as compared to Aloe Vera (2.65±1.79) p<0.05. However at the end of the study no statistically significant difference was observed between the groups. Topical Aloe Vera gel showed almost similar response with respect to reducing the RAS size and healing compared to triamcinolone acetonide and was equally effective in alleviating the pain associated with RAS.

Conclusion: The results of the present study show evidence that Aloe Vera gel is well tolerated and effective in treating recurrent aphthous stomatitis (RAS).

Keywords: Recurrent Aphthous Stomatitis, ulcer size, pain, Aloe Vera, Triamcinolone acetonide.

Introduction

Recurrent aphthous stomatitis (RAS) is one of the most common lesions of the oral cavity, with a wide range of reported prevalence from 5 to 50% in different populations. [1-4] RAS is one of the most common and poorly understood mucosal disorders. It is found in men

Corresponding Author: Dr Sarah Nazeer, Ijdsir Volume-2 Issue 6, Page No. 79 - 89

Page 79

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Report of collaborative research activity with Department of General Pathology, Navodaya Medical College & Hospital Raichur

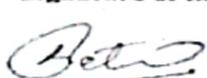
Dr. Prashant B Patil, Prof & Head Department of Oral Medicine & Radiology of our institution, Navodaya Dental College & Hospital Raichur, has collaborated with Department of General Pathology, Navodaya Medical College & Hospital Raichur. The project was guided and self supported for the duration of 1 year. As a result of their joint research, we submitted a research work titled "GENOTOXIC AND CYTOTOXIC EFFECTS OF INTRAORAL AND EXTRAORAL RADIOGRAPHS ON ORAL EPITHELIUM OF ADULTS" to RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE.

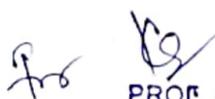
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This is to certify that the dissertation entitled "GENOTOXIC AND CYTOTOXIC EFFECTS OF INTRAORAL AND EXTRAORAL RADIOGRAPHS ON ORAL EPITHELIUM OF ADULTS" is a bonafide research work done by DR. AMREEN ALAM in partial fulfillment of the requirements for the degree of Master of Dental Surgery in Department of Oral Medicine and Radiology.

Signature of the HOD  DR. PRASHANT PATIL Professor and Head Department of Oral Medicine and Radiology, Navodaya Dental College & Hospital, Raichur - 584103	Signature of the Principal  Dr. VANISHREE PRINCIPAL Principal, Navodaya Dental College, Navodaya Dental College & Hospital, Raichur - 584103
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**Report of collaborative research activity with Dental OPG and CBCT scan center,
Gulbarga**

Dr. Prashant B Patil, Prof & Head Department of Oral Medicine & Radiology of our institution, Navodaya Dental College & Hospital Raichur, has collaborated with Dental OPG and CBCT scan center, Gulbarga. The project was guided and self supported for the duration of 1 year. As a result of their joint research, we submitted a research work titled "ROLE OF MAXILLARY SINUS IN SEX DETERMINATION- MORPHOMETRIC ANALYSIS USING CBCT" to RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE.

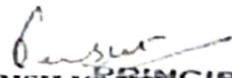
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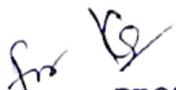


**ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE
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This is to certify that the dissertation entitled "ROLE OF MAXILLARY SINUS IN SEX DETERMINATION: MORPHOMETRIC ANALYSIS USING CONE BEAM COMPUTED TOMOGRAPHY" is a bonafide research work done by Dr. CHITTURI PRASHANTHI in partial fulfillment of the requirements for the degree of Master of Dental Surgery in Department of Oral Medicine and Radiology.


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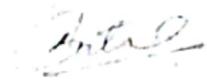


Report of collaborative research activity with Department of Microbiology, Navodaya Medical College & Hospital Raichur

Dr. Prashant B Patil, Prof & Head Department of Oral Medicine & Radiology of our institution, Navodaya Dental College & Hospital Raichur, has collaborated with Department of Microbiology, Navodaya Medical College & Hospital Raichur. The project was guided and self supported for the duration of 1 year. As a result of their joint research, we submitted a research work titled "ORAL CANDIDA CARRIAGE AMONG TOBACCO USERS WITH AND WITHOUT ASSOCIATED ORAL MUCOSAL LESIONS" to RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE.

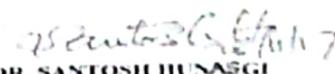
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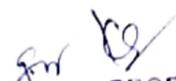

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Report of collaborative research activity with Department of General Pathology, Navodaya Medical College & Hospital Raichur

Dr. Prashant B Patil, Prof & Head Department of Oral Medicine & Radiology of our institution, Navodaya Dental College & Hospital Raichur, has collaborated with Divya Dental Imaging, Bhopal. The project was guided and self supported for the duration of 1 year. As a result of their joint research, we submitted a research work titled "ASSESSMENT OF MANDIBULAR CANAL AND ITS VARIATIONS IN CBCT" to RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BANGALORE.

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Report of the collaborative research activity with ARM-LAB College of Engineering,
Bangalore & Agriculture University Raichur.

Dr .Krishna Prasad Shetty ,Prof & Head Department of Conservative & Endodontics of our institution, Navodaya Dental college & Hospital Raichur has collaborated with ARM-LAB College of Engineering,& Agriculture university Raichur. The project was self supported for the duration of 1 year. As a result of their joint research, we published a article titled " EFFECT OF RCPREP, PHYTIC ACID, ETIDRONATE ON DENTINAL DEFECT FORMATION DURING ROOT CANAL PREPARATION USING SCANNING ELECTRON MICROSCOPY" under the guidance of Krishna Prasad Shetty1*, S.V Satish, Manu Zacharias., Alexander,Basavanagowda Ashwini M Patils.

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Research Article

EFFECT OF RCPREP, PHYTIC ACID, ETIDRONATE ON DENTINAL DEFECT FORMATION DURING ROOT CANAL PREPARATION USING SCANNING ELECTRON MICROSCOPY

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ARTICLE INFO

Article History:

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Key words:

Etidronate, Phytic acid, RcPrep, Dentinal defects, Scanning electron microscopy

ABSTRACT

Aim: To analyze the effect of RcPrep, phytic acid, and etidronate on dentinal defect formation during root canal preparation, a scanning electron microscopic study.
Materials and Methods: Twenty samples of extracted single-rooted mandibular premolar teeth were decoronated at cemento-enamel junction. Samples were grouped into 5 groups, Control Group (5% sodium hypochlorite and distilled water), GROUP A (5% sodium hypochlorite and 1% phytic acid), GROUP B (5% sodium hypochlorite and etidronate), Group C (5% sodium hypochlorite and RcPrep). Biomechanical preparation of all the samples was done using Dentsply Protaper files (S1, S2, F1, F2, F3) with irrigation using respective irrigants mentioned in the respective groups.
All the specimens were subjected for scanning electron microscopy for detection dentinal defect formation in each group.
Result: Irrigation with 5% NaOCl + 1% Phytic acid caused the maximum dentinal defect formation in root dentin while Irrigation with 5% NaOCl + Distilled water caused minimum dentinal defect formation.

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Report of the collaborative research activity with Asian Institute of Technology
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Dr .S V Satish Prof & Head Department of Conservative & Endodontics of our institution, Navodaya Dental college & Hospital Raichur has collaborated with Asian Institute of Technology Bangalore. The project was self supported for the duration of 1 year. As a result of their joint research, we published a article titled "TO COMPARE AND EVALUATE THE MICROLEAKAGE IN CLASS 2 CAVITIES WITH THREE DIFFERENT PACABLE COMPOSITES USING CONFOCAL MICROSCOPEAN IN VITRO STUDY" under the guidance of *, S.V Satish, Krishna Prasad Shetty, Anand yadav,, Ashwini M Patil, Basavana gowda, Snehalatha patil, & Sarvepalli Sharvari.

DOI Number: 10.5938/2320-5962.2019.00001.9

To Compare and Evaluate the Microleakage in Class 2 Cavities with Three Different Packable Composites Using Confocal Microscope an in Vitro Study

Satish S V¹, Krishna Prasad Shetty², Anand yadav D³, Ashwini M Patil⁴, Basavana Gowda⁵, Snehalatha Patil⁶, Sarvepalli Sharvari⁷

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ABSTRACT

Aim : To Compare And Evaluate The Microleakage In Class 2 Cavities With Three Different Packable Composites Using Confocal Microscope An In Vitro Study.

Materials and Method: Twenty freshly extracted maxillary premolar teeth without carious lesions were selected. All samples were divided into three experimental groups and one control group with five samples in each group. Mesioclusodistal (MOD) Class II cavities were prepared by using high speed hand piece and #245 tungsten carbide bur on each tooth with final dimension of the cavity showed 2 mm occlusal extension, 3 mm buccolingual extension. Type IX Gic (GC FUJI IX) was applied as the liner, except the control group. Following this, etching was done using 37% phosphoric acid and bonding was done with Any bond. All the three experimental groups and the control group were restored with Nano fill nano hybrid composite (AMMDENT), Tetric N Ceram (Ivoclar, vivadent), Nano hybrid zirconium based composite Any Com (MD CLUES MEDICLUS.CO.LTD) and Nano fill nano hybrid composite (AMMDENT) respectively. After storage, thermocycling and immersion in 0.5% basic fuchsin solution specimens were sectioned and evaluated for microleakage at the occlusal and cervical walls using confocal microscope.

Results: In class II restorations, a least microleakage was observed with Ivoclar (Tetric n ceram) composite at both occlusal and cervical walls.

Keywords : Microleakage, GC FUJI IX, Ivoclar vivadent, Ammdent, Anycom, Confocal microscope.

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Report of the collaborative research activity with Agriculture University Raichur.

Dr .S V Satish Prof & Head Department of Conservative & Endodontics of our institution, Navodaya Dental college & Hospital Raichur has collaborated with Agricultural University Raichur. The project was self supported for the duration of 1 year. As a result of their joint research, we published a article titled "COMPARATIVE EVALUATION OF EFFICACY OF THREE DIFFERENT ROTARY RE TREATMENT SYSTEMS WITH MANUAL INSTRUMENTATION IN REMOVING GUTTA PERCHA FROM ROOT CANAL :AN INVITRO STUDY" under the guidance of ,Aparna v, Sarvapelli Venkata Satish,Ashwini patil,Suresh Kumar kovvuru,Snehalatha Patil.

Comparative Evaluation of Efficacy of Three Different Rotary Retreatment Systems with Manual Instrumentation in Removing Gutta-Percha from Root Canals – An In Vitro Study

Aparna V. Muraleedhar¹, Sarvapelli Venkata Satish², Ashwini M. Patil³, Suresh Kumar Kovvuru⁴, Snehalatha Patil⁵

^{1, 2, 3, 4, 5} Department of Conservative Dentistry and Endodontics,
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ABSTRACT

BACKGROUND

The primary goal of endodontic retreatment is to take out the root filling completely to ensure that the canal is completely cleaned. Gutta percha removal using hand instruments is a time-consuming procedure and tedious for the operator. Therefore, various nickel titanium instruments have been introduced for the effective retrieval of gutta percha. This study was done to compare the efficacy of three different rotary systems compared with manual instrumentation for gutta percha removal during retreatment.

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DOI: 10.14260/jemds/2021/219

METHODS

Forty-eight single rooted premolars were prepared and obturated using gutta percha and AH Plus sealer using lateral compaction technique. Samples were randomly divided into four groups of 12 specimens each. Group 1 was retreated with Hedstrom Files (H-Files), group 2 was retreated with pro taper universal retreatment files (PTUR), group 3 with R-Endo retreatment files and group 4 with Neoendo retreatment files. Time taken for the retreatment was recorded for each tooth using a stopwatch. The samples were sectioned longitudinally and observed under a stereomicroscope. Digital images were taken and analysed using digital image analysing software. The data was statistically analysed using Kruskal-Wallis and Post-hoc Mann-Whitney test.

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RESULTS

The Neoendo group showed significantly lower amount of residual material compared to PTUR, R-Endo and the H-Files (P = 0.00). The maximum residual material was observed in the H file group. The time taken for gutta percha removal was least for the Neoendo group followed by PTUR, R-Endo and H-Files.

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CONCLUSIONS

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Report of the collaborative research activity with ,Raichur Institute of Medical Sciences, Department of Microbiology

Dr .S V Satish Prof & Head Department of Conservative & Endodontics of our institution, Navodaya Dental college & Hospital Raichur has collaborated with Raichur Institute of Medical Sciences, Department of Microbiology, Raichur. The project was self supported for the duration of 1 year. As a result of their joint research, we published a article titled "COMPARATIVE EVALUATION OF THE EFFECTIVENESS OF SALINE, CHLORHEXIDINE AND OZONE IRRIGATING SOLUTIONS ON MICRO-ORGANISMS IN THE ROOT CANAL – INVIVO STUDY" under the guidance of ,Alan Winston David, S.V Satish,Sudhir Dole,Suresh Kumar Kovvuru,Basavana gowda.



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Research Article

A Comparative Evaluation of the Effectiveness of Saline, Chlorhexidine and Ozone Irrigating Solutions on Microorganisms in the Root Canal - An *In Vivo* Study

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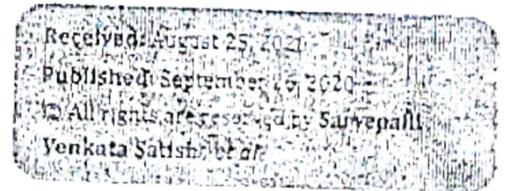
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Report of the collaborative research activity with, N. G .RANGA Agricultural University Hyderabad.

Dr .S V Satish, Prof & Head Department of Conservative & Endodontics of our institution, Navodaya Dental college & Hospital Raichur has collaborated with N G Ranga Agricultural University Hydrabad . The project was self supported for the duration of 1 year. As a result of their joint research, we published a article titled "COMPARATIVE EVALUATION OF FOUR DIFFERENT REMINERALIZING AGENTS ON THE BLEACHED ENAMEL SURFACE BY USING SEM WITH EDX – AN INVITRO STUDY" under the guidance of *, S.V Satish, Krishna Prasad Shetty,Sai Dudekula, Ashwini M Patil,Snehalatha Patil, &Tejasvi Kallam.

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Research Article

COMPARATIVE EVALUATION OF FOUR DIFFERENT REMINERALIZING AGENTS ON THE BLEACHED ENAMEL SURFACE BY USING SEM WITH EDX: AN IN VITRO STUDY

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Key words:

Remineralization, Carbamide peroxide, GC tooth mousse plus, Toothmin, GSE Solution, Wheat Grass solution, EDX analysis.

ABSTRACT

To evaluate the effect of 22% carbamide peroxide (CP) on the mineral content of enamel and to evaluate the remineralization of bleached enamel after treatment with four different remineralizing agents.

Materials and methods: About 40 extracted human maxillary incisors were cleaned using ultrasonic scaler. Analyzed using scanning electron microscopy with EDX (Energy Dispersive X ray Spectroscopy) to determine the initial mineral content. 22% CP was applied to the labial surfaces 8 h/day for 2-week. Then, samples were washed and stored in artificial saliva. Post-bleaching mineral content is analyzed by using scanning electron microscopy with EDX. The samples were randomly divided into four groups. Group A: GC tooth mousse plus. Group B: Toothmin, Group C: 6.5% (w/v) GSE solution. Group D: 6.5% (w/v) Wheat Grass solution. Remineralizing agents were gently agitated on the bleached enamel with an applicator tip for 10-min and cleaned thoroughly using deionized water. The mineral content of bleached enamel after the remineralization regimen was assessed using EDX. Statistical analysis was done using one-way ANOVA.

Results: Bleaching with 22% CP significantly decreased the mineral content of the enamel. Group B Toothmin showed the highest remineralization than Group A, C and D but was not statistically significant.

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Dr. S. V. Satish
Professor & Head
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Dentistry & Endodontics
Navodaya Dental College
Raichur

Report of the collaborative research activity with, Agriculture University Raichur.

Dr. S V Satish Prof & Head Department of Conservative & Endodontics of our institution, Navodaya Dental college & Hospital Raichur has collaborated with Agricultural University Raichur. The project was self supported for the duration of 1 year. As a result of their joint research, we published a article titled "COMPARATIVE EVALUATION OF THE CHANGES IN SURFACE TOPOGRAPHY AND CRYSTALLIZATION OF GUTTAPERCHA CONES BY FOUR CHEMICAL SOLUTIONS - AN SEM STUDY" under the guidance of ,Arun kumar Varghese, S V Satish, Krishna Rao Kilaru, Ashwini patil, & Basavana Gowda.



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Research Article

Comparative Evaluation of the Changes in Surface Topography and Crystallization of Gutta Percha Cones by Four Chemical Solutions: An SEM Study

Arun Kurian Varghese¹, SV Satish^{2*}, Krishna Rao Kilaru³, Ashwini M Patil⁴ and Basavana Gowda⁵

¹Postgraduate Student, Department of Conservative Dentistry and Endodontics, Navodaya Dental College, Raichur, Karnataka, India

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RAICHUR-584 103.

Report of the collaborative research activity with Spark Eye & Dental Care Hospital, Hyderabad.

Dr.Chitra Chakravarthy, Prof& Head of the Department of Oral & Maxillofacial surgery of our institution, Navodaya Dental College & Hospital Raichur has collaborated with Spark Eye & Dental Care Hospital, Hyderabad. The project was self-supported for the duration of 1 year. As a result of their joint research, we published an article titled “Cast Metal Surgical Guides: An Affordable Adjunct To Oral and Maxillofacial Surgery” was done under the guidance of Chitra Chakravarthy., Ravi S. Patil., Shivaraj S. Wagdargi., Santosh kumar Malyala

Technical Note

Craniomaxillofacial Trauma & Reconstruction Open

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Cast Metal Surgical Guides: An Affordable Adjunct to Oral and Maxillofacial Surgery

Chitra Chakravarthy, MDS¹, Daisy Aranha, MDS¹, Santosh Kumar Malyala, PhD², and Ravi S Patil, MDS¹

Abstract

Additive manufacturing or 3-dimensional (3D) printing technology has an incredulous ability to create complex constructs with high exactitude. Surgical guides printed using this technology allows the transfer of the virtual surgical plan to the operating table, optimizing aesthetic outcomes, and functional rehabilitation. A vast variety of materials are currently being used in medical 3D printing, including metals, ceramics, polymers, and composites. The guides fabricated with titanium have high strength, excellent biocompatibility, and are sterilizable but take time to print and are expensive. We have thus followed a hybrid approach to fabricate an inexpensive surgical guide using metal where the advantage of 3D printing technology has been combined with the routinely followed investment casting procedure to fabricate guides using nickel-chromium, which has all the advantages of a metal and is cost-effective.

Keywords

additive manufacturing, additive manufacturing, investment metal casting, surgical guide, metal guide, 3D printing, TMJ ankylosis

Received: 6 March 2020; accepted: 11 August 2020

Additive manufacturing (AM) or 3-dimensional (3D) printing is gaining more and more attention, especially in the head and neck surgical specialties. This technology has an incredulous ability to create complex constructs with high exactitude. Maxillofacial surgical procedures benefit immensely as it improves the esthetic and functional outcomes along with the predictability of the procedure.¹ Surgical guides allow the transfer of the virtual surgical plan to the operating table.

The ideal guide design should be such that it is not too bulky to block the surgical field and interfere with the surgical procedure or not too thin that it is likely to break and lacks strength to withstand the procedure. It should be biocompatible and should not leave traces of the material at the surgical site. Surgical guides are generally designed and printed using biocompatible resin. This is designed following a specific computer-aided design and computer-aided manufacturing protocol. Although stereolithography materials have the property of high stiffness along with its fine detailing quality, it may be expensive and not easily

available in all centers.² It also becomes brittle when exposed to ultraviolet curing light. Guides fabricated with titanium have high strength, low density, resistance to corrosion, and excellent mechanical properties.³ Additionally, they have good biocompatibility and are sterilizable, which makes it ideally suited for medical prostheses, dental implants, and surgical guides. Despite all these benefits, the main drawback is that they take time to print and are expensive.³ To overcome these, we developed a hybrid approach to fabricate an inexpensive surgical guide using

¹ Department of Oral and Maxillofacial Surgery, Navodaya Dental College and Hospital, Raichur, Karnataka, India

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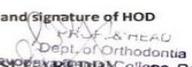
Chitra Chakravarthy, MDS, Department of Oral and Maxillofacial Surgery, Navodaya Dental College and Hospital, Navodaya Nagar, Raichur 584101, Karnataka, India.
Email: chitrachakravarthy@yahoo.com



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Report of the collaborative research activity with Central Manufacturing Institute Of Technology and University of Agriculture Science

Report of the collaborative research activity with 3D Profilometer from Central Manufacturing Institute Of Technology ,Bangalore, and University of Agriculture Science, Raichur, with Navodaya Dental College, Raichur for Evaluation of Adhesive Remnants and Stain Susceptibility in the year 2020 by post graduate student Dr.Vishala G K for his study on Evaluation of Adhesive Remnants of three different orthodontic Adhesive System after Debonding and to Compare Stain Susceptibility of three Different Clean up Procedures- An Invitro Study, article is under process for publication, Dr.Sugareddy, Prof & Head of the Department of Orthodontics and dentofacial orthopaedics of our institution, Navodaya Dental College & Hospital Raichur has collaborated with Central Manufacturing Institute of Technology, Bangalore and University of Agriculture Science, Raichur. The project was self-supported for the duration of 1 year.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BENGALURU, KARNATAKA.	
	
<u>ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION</u>	
<p>This is to certify that the dissertation entitled - "EVALUATION OF ADHESIVE REMNANTS OF THREE DIFFERENT ORTHODONTIC ADHESIVE SYSTEM AFTER DEBONDING AND TO COMPARE STAIN SUSCEPTIBILITY OF THREE DIFFERENT CLEANUP PROCEDURES"- AN INVITRO STUDY is a bonafide research work done by Dr. VISHALA G K under the guidance of Dr. DURGA PRASAD Professor, Department of Orthodontics & Dentofacial Orthopedics, Navodaya Dental College & Hospital, Raichur.</p>	
<p>Seal and signature of HOD  Dr. SUGAREDDY Professor & HOD Department of Orthodontics & Dentofacial Orthopaedic Navodaya Dental College & Hospital, Raichur - 58410 Date: 30 12 2020 Place: Raichur</p>	<p>Seal and signature of Principal  Dr. GIRISH KATTI Principal Navodaya Dental College, & Hospital Raichur - 584103 Date: 30 12 2020 Place: Raichur</p>

REPORT OF RESEARCH WORK SUBMITTED TO THE RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BANGLORE

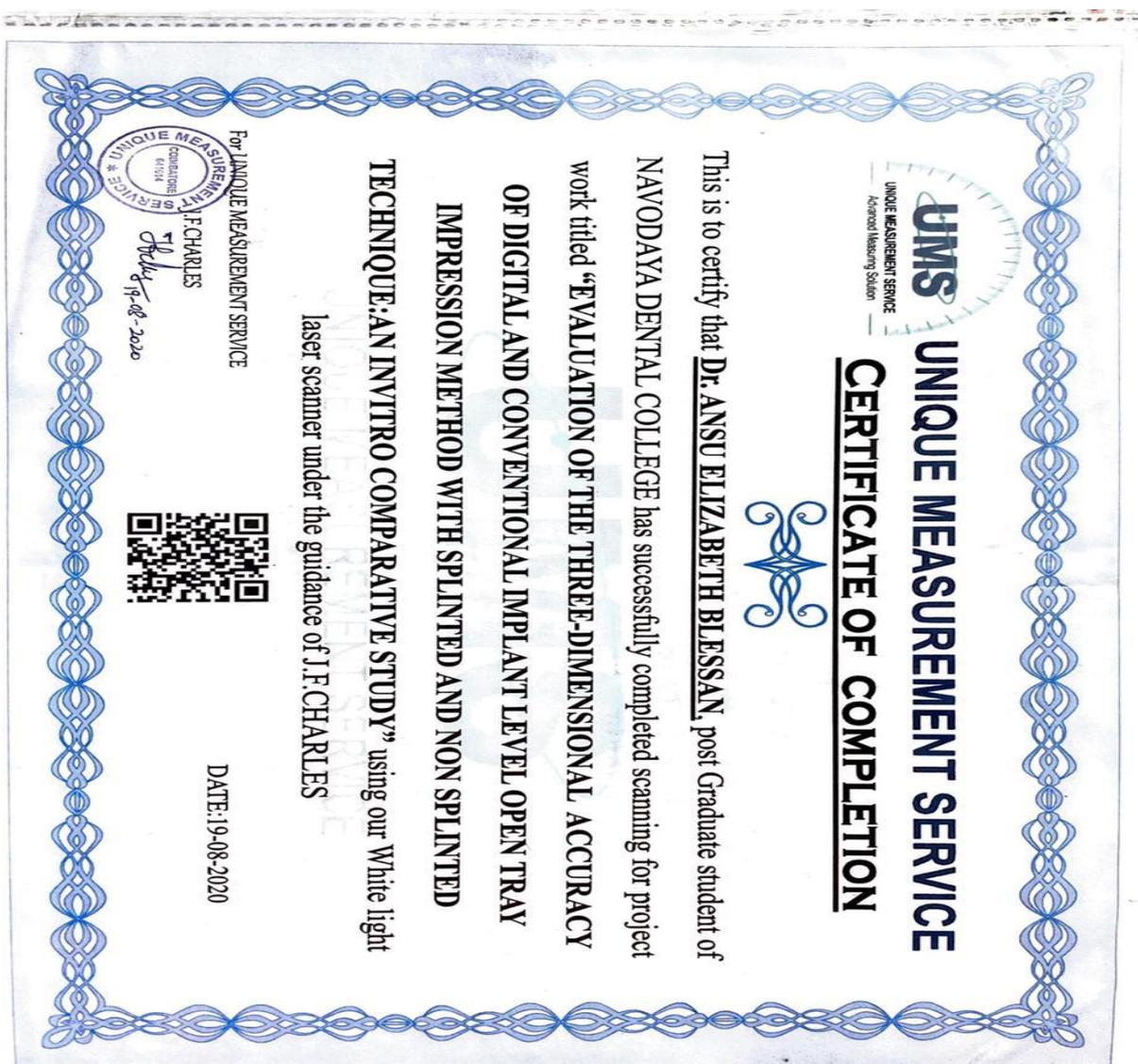
Dr. Girish Galagali Professor and Head Department of Prosthodontics, Crown Bridge and Implantology of our institution, Navodaya Dental College and Hospital, Raichur. The project was guided and self supported for the duration of one year. As a result of their joint research, we submitted a research work titled “Evaluation of 3 dimensional accuracy of digital and conventional implant level, open tray impression method with splinted and nonsplinted technique – an invitro comparative study” to Rajiv Gandhi University of health sciences, Bangalore.



Report of collaborative research activity with biochemistry lab navodaya medical college, raichur.

Department of Prosthodontics and Crown and Bridge including Implantology and Navodaya Dental college Raichur. The project was self supported for duration of 1 year. As a result of joint efforts we published JNSBM, 2021 Jan-June; 12(1):109-112 an article titled “urease activity in saliva and plaque as Endogenous Protection Against Debtal Caries in Institutionalized Blind Children.

Vinod kumar, Anisha Nanda, K. Harish Bhat, Pallavi Ashirt, Aleena Babu, M.K. Shakir



REPORT OF RESEARCH WORK SUBMITTED TO THE RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BANGLORE

Dr. Girish Galagali Professor and Head Department of Prosthodontics, Crown Bridge and Implantology of our institution, Navodaya Dental College and Hospital, Raichur. The project was guided and self supported for the duration of one year. As a result of their joint research, we submitted a research work titled “To evaluate and compare the hardness and tensile bond strength of a silicone soft lining material ,after short term immersion in two different denture cleansing solutions and water over varying time periods—an invitro study” to Rajiv Gandhi University of health sciences, Bangalore.

Rajiv Gandhi University of Health Sciences, Karnataka



ENDORSEMENT BY HOD, PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that the Dissertation entitled “TO EVALUATE AND COMPARE THE HARDNESS AND TENSILE BOND STRENGTH OF A SILICONE SOFT LINING MATERIAL, AFTER SHORT TERM IMMERSION IN TWO DIFFERENT DENTURE CLEANSING SOLUTIONS AND WATER OVER VARYING TIME PERIODS.”- AN IN VITRO STUDY is a bonafide and genuine research work done by **DR. ARJITA DUTTA** under the guidance of **Dr. Prakash Nidawani**, Professor, Dept. of Maxillofacial Prosthodontics, Crown & Bridge Including Implantology.

Seal & Signature of H.O.D

Dr. GIRISH GALAGALI MDS
Department of Prosthodontics,
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Prosthodontics, Crown & Bridge
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Date:
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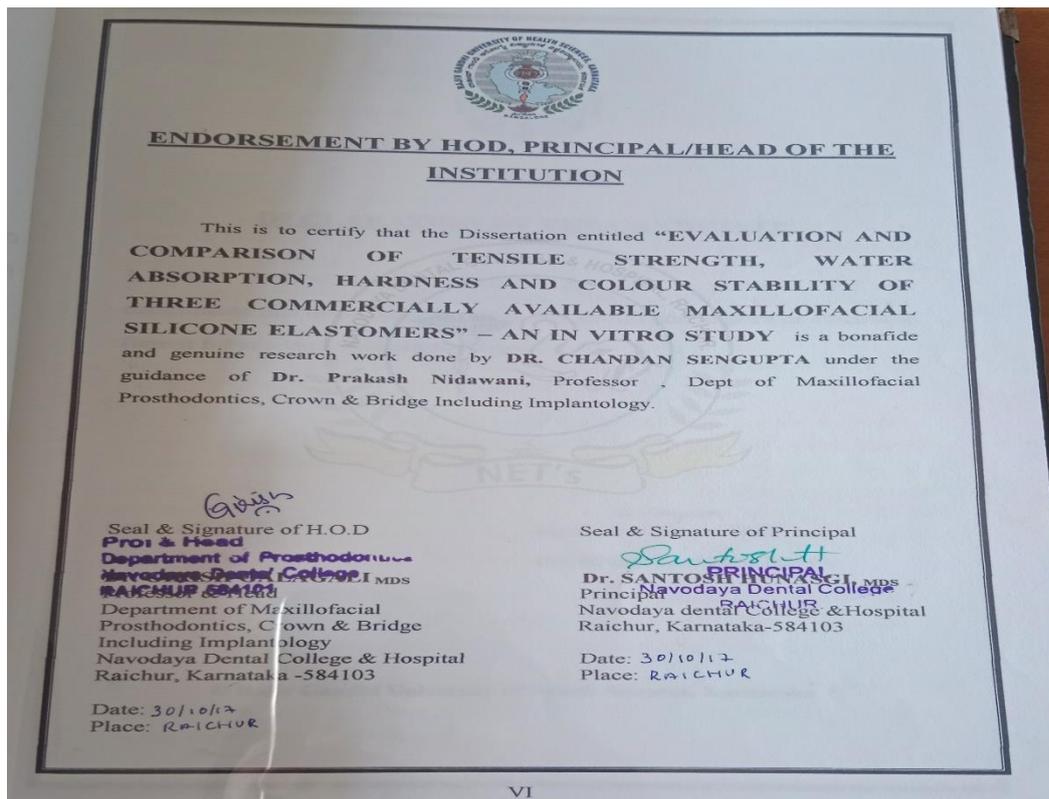
Seal & Signature of Principal

Dr. SANTOSH HUNASGI MDS
Principal
Navodaya Dental College,
Raichur, Karnataka-584103

Date:
Place: Raichur

REPORT OF RESEARCH WORK SUBMITTED TO THE RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BANGLORE

Dr. Girish Galagali Professor and Head Department of Prosthodontics, Crown Bridge and Implantology of our institution, Navodaya Dental College and Hospital, Raichur. The project was guided and self supported for the duration of one year. As a result of their joint research, we submitted a research work titled “Evaluation and comparison of tensile strength, water absorption, hardness and colour stability of 3 commercially available maxillofacial silicon elastomers” to Rajiv Gandhi University of health sciences, Bangalore.



REPORT OF RESEARCH WORK SUBMITTED TO THE RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BANGLORE

Dr. Girish Galagali Professor and Head Department of Prosthodontics, Crown Bridge and Implantology of our institution, Navodaya Dental College and Hospital, Raichur. The project was guided and self supported for the duration of one year. As a result of their joint research, we submitted a research work titled “Evaluation of stress distribution in maxillary anterior bone form, 3 different tapered implant, thread designs with angulated abutments” to Rajiv Gandhi University of health sciences, Bangalore.



REPORT OF RESEARCH WORK SUBMITTED TO THE RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BANGLORE

Dr. Girish Galagali Professor and Head Department of Prosthodontics, Crown Bridge and Implantology of our institution, Navodaya Dental College and Hospital, Raichur. The project was guided and self supported for the duration of one year. As a result of their joint research, we submitted a research work titled “Effect of conventional casting techniques and accelerated casting technique on marginal fit , surface roughness and internal porosity of castings fabricated by nickel- chromium ceramo-metal alloy- An invitro study” to Rajiv Gandhi University of health sciences, Bangalore.



Report of collaborative research activity with biochemistry lab
navodaya medical college, raichur.

Department of Prosthodontics and Crown and Bridge including
Implantology and Navodaya Dental college Raichur. The project was
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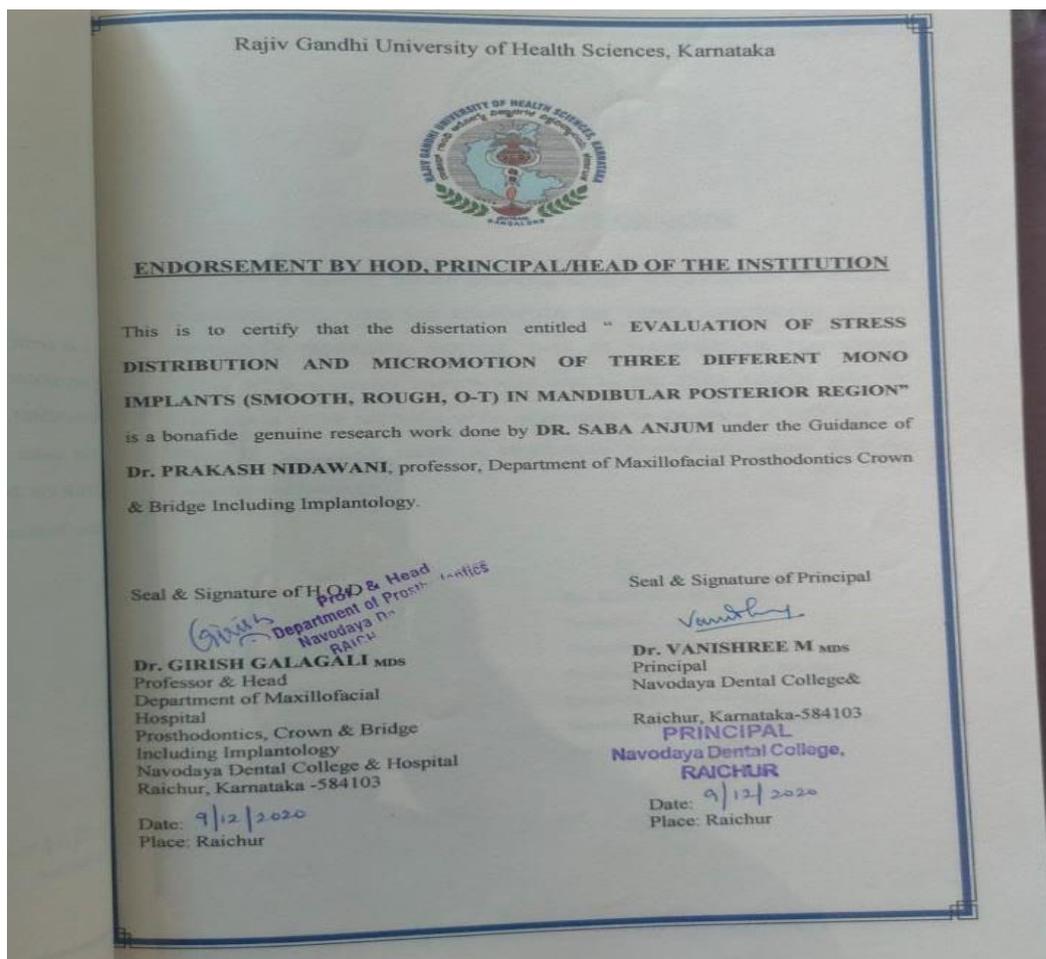
zealbio9@gmail.com / zealbiologicals@gmail.com
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TEST REPORT

CUSTOMER DETAILS	SAMPLE DETAILS	
Issued To : Nidhi Momaya	Sample Description	1. Conventional Casting Technique 2. Accelerated Casting Technique
	Registration Number	Ni-Cr Metal Crown - 365
Address: Navodaya Dental College, Room No. 5, Mantralayam Road, Raichur, Karnataka.	Date of Sample Received	21/06/2019
	Sampling Done By	Customer
	Sample Quantity	30/30
	Sample Condition (By the time of Received)	Good
Email: nidhimomaya4@gmail.com Contact No: +91 9545445337	TEST DETAILS AND RESULTS	
	Analysis Started On	21/06/2019.
	Analysis Completed On	22/06/2019.
	Service Requested For	Marginal Accuracy, Surface Roughness , Internal Porosity
	Report Issue Date	22/06/2019.

REPORT OF RESEARCH WORK SUBMITTED TO THE RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BANGLORE

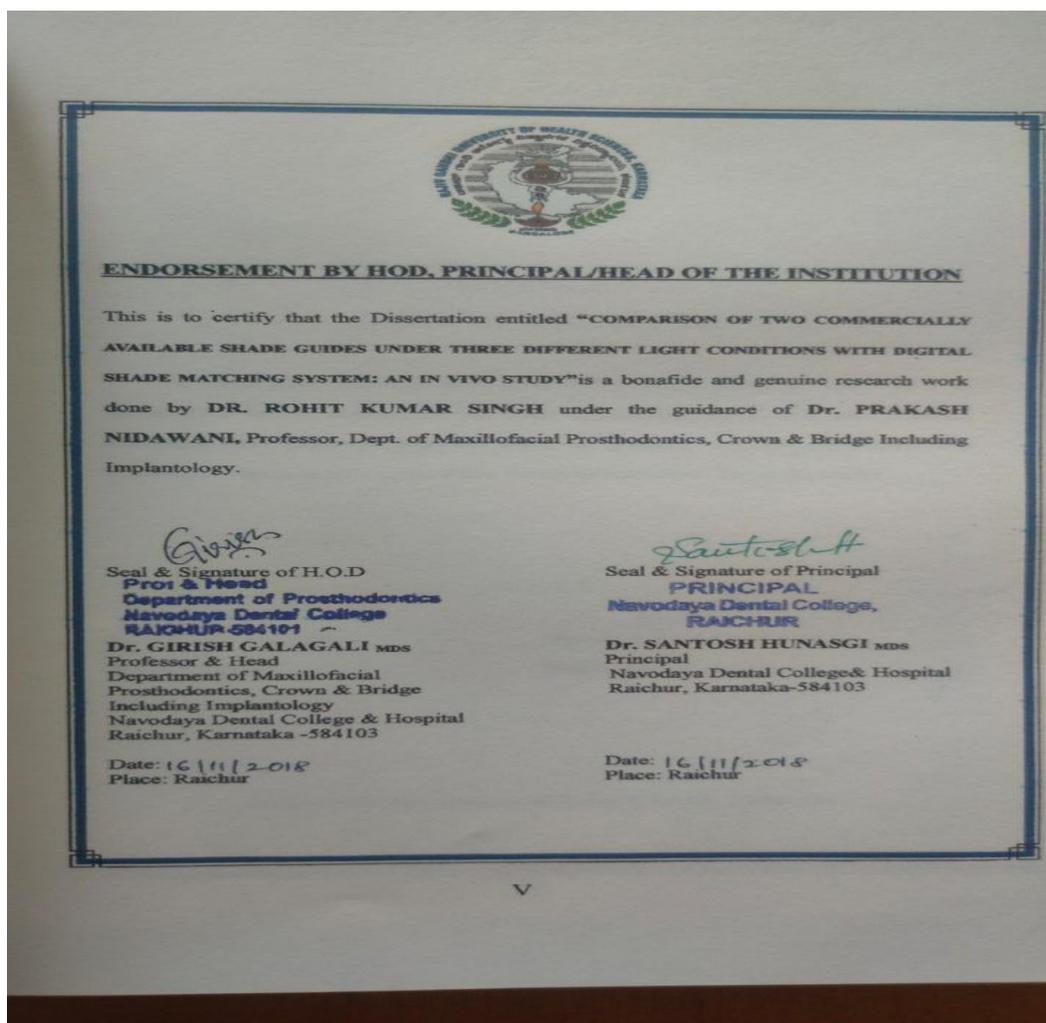
Dr. Girish Galagali Professor and Head Department of Prosthodontics, Crown Bridge and Implantology of our institution, Navodaya Dental College and Hospital, Raichur. The project was guided and self supported for the duration of one year. As a result of their joint research, we submitted a research work titled “Evaluation of stress distribution and micromotion of 3 different monoimplants(smooth, rough, O-T) in mandibular posterior region – a 3 dimensionally finite element study” to Rajiv Gandhi University of health sciences, Bangalore.



REPORT OF RESEARCH WORK SUBMITTED TO THE RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BANGLORE

Dr. Girish Galagali Professor and Head Department of Prosthodontics, Crown Bridge and Implantology of our institution, Navodaya Dental College and Hospital, Raichur. The project was guided and self supported for the duration of one year. As a result of their joint research, we submitted a research work titled

“Comparison of 2 commercially available shade guides under 3 different light conditions with digital shade matching systems” to Rajiv Gandhi University of health sciences, Bangalore.



Report of the collaborative research activity with Centre of Nanotechnology, University of Agriculture Science

Report of the collaborative research activity with Centre of Nanotechnology, University of Agriculture Science , Raichur and Navodaya Dental college and hospital, Raichur for obtaining topographic images in the year 2021 by post graduate student Dr.Sai Rohith for his study on An invitro Atomic Force Microscope Study: Comparative Evaluation of Enamel Surface Damage During Cleanup Procedures After Debonding with and without Dental Loupes under varying Light Intensities, article is under process for publication

Dr.Sugareddy, Prof & Head of the Department of Orthodontics and Dentofacial Orthopaedics of our institution, Navodaya Dental College & Hospital Raichur has collaborated with University of Agriculture Science, Raichur. The project was self-supported for the duration of 1 year.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES,
BENGALURU, KARNATAKA.



ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "AN IN VITRO ATOMIC FORCE MICROSCOPIC STUDY: COMPARATIVE EVALUATION OF ENAMEL SURFACE DAMAGE DURING CLEAN UP PROCEDURES AFTER DEBONDING WITH AND WITHOUT DENTAL LOUPES UNDER VARYING LIGHT INTENSITIES" is a bonafide research work done by **Dr. VENKATA SAI ROHITH NIMMAKAYALA** under the guidance of **Dr. SUGAREDDY** Professor & Head, Department of Orthodontics & Dentofacial Orthopedics, Navodaya Dental College & Hospital, Raichur

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PROF. & HEAD
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Navodaya Dental College, Raichur.
Dr. SUGAREDDY
Professor & HOD
Department of Orthodontics &
Dentofacial Orthopaedics
Navodaya Dental College & Hospital,
Raichur - 584103
Date: 02/12/2021
Place: Raichur

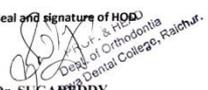
Seal and signature of Principal
PRINCIPAL
Navodaya Dental College,
RAICHUR
Dr. GIRISH KATTI
Principal,
Navodaya Dental College
& Hospital
Raichur - 584103
Date: 02/12/2021
Place: Raichur

III

Report of the collaborative research activity with UNITEST-10, ACME Engineers PUNE, India

Report of the collaborative research activity with UNITEST-10, ACME Engineers PUNE, India with Navodaya dental college, Raichur for obtaining Shear Bond Strength by Universal Testing Machine in the year 2020 by post graduate student Dr. Bhargav Krishna Sriram for his study on Evaluation of Shear Bond Strength of Orthodontic Brackets on various Remineralized Enamel surface using Self Etch System, article is under process for publication

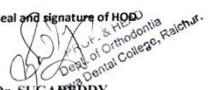
Dr.Sugareddy, Prof & Head of the Department of Orthodontics and Dentofacial Orthopaedics of our institution, Navodaya Dental College & Hospital Raichur has collaborated with UNITEST-10,ACME Engineers PUNE, India. The project was self-supported for the duration of 1 year.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BENGALURU, KARNATAKA.	
	
<u>ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION</u>	
<p>This is to certify that the dissertation entitled -"EVALUATION OF SHEAR BOND STRENGTH OF ORTHODONTIC BRACKETS ON VARIOUS REMINERALIZED ENAMEL SURFACES USING SELF ETCH SYSTEM" is a bonafide research work done by Dr. BHARGAV KRISHNA SRIRAM under the guidance of Dr.RAKESH KUMAR Professor, Department of Orthodontics & Dentofacial Orthopaedics, Navodaya Dental College & Hospital, Raichur.</p>	
<p>Seal and signature of HOD  Dr. SUGAREDDY Professor & HOD Department of Orthodontics & Dentofacial Orthopaedic Navodaya Dental College & Hospital, Raichur - 584103 Date: 19/12/2020 Place: Raichur</p>	<p>Seal and signature of Principal  Dr. VANISHREE Principal, Navodaya Dental College & Hospital Raichur - 584103 Date: 19/12/2020 Place: Raichur</p>

Report of the collaborative research activity with UNITEST-10, ACME Engineers PUNE, India

Report of the collaborative research activity with UNITEST-10, ACME Engineers PUNE, India with Navodaya dental college, Raichur for obtaining Shear Bond Strength by Universal Testing Machine in the year 2020 by post graduate student Dr. Bhargav Krishna Sriram for his study on Evaluation of Shear Bond Strength of Orthodontic Brackets on various Remineralized Enamel surface using Self Etch System, article is under process for publication

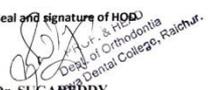
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RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BENGALURU, KARNATAKA.	
	
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Report of the collaborative research activity with UNITEST-10, ACME Engineers PUNE, India

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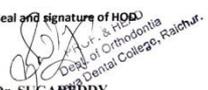
Dr.Sugareddy, Prof & Head of the Department of Orthodontics and Dentofacial Orthopaedics of our institution, Navodaya Dental College & Hospital Raichur has collaborated with UNITEST-10,ACME Engineers PUNE, India. The project was self-supported for the duration of 1 year.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BENGALURU, KARNATAKA.	
	
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<p>Seal and signature of HOD  Dr. SUGAREDDY Professor & HOD Department of Orthodontics & Dentofacial Orthopaedic Navodaya Dental College & Hospital, Raichur - 584103 Date: 19/12/2020 Place: Raichur</p>	<p>Seal and signature of Principal  Dr. VANISHREE Principal, Navodaya Dental College & Hospital Raichur - 584103 Date: 19/12/2020 Place: Raichur</p>

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