

3.3.1 *The Institution ensures implementation of its stated Code of Ethics for research.*

1. Institutional Research committee
2. Institutional Ethics committee
3. Norms and guidelines for research ethics and publication

Research Committee



RESEARCH COMMITTEE
TAGORE DENTAL COLLEGE & HOSPITAL

Recognized by The Dental Council of India, New Delhi
Affiliated to the Tamilnadu Dr.M.G.R Medical University, Chennai

Rathinamangalam, Melakkottaiyur post, Chennai - 600 127. Ph: 044-30102222
E-mail: research@tagoredch.in Website: www.tagoredch.com

MEMBERS

1. Dr.C.J.Venkatakrishnan
(Convenor)

2. Dr.S.Balagopal
(Chairman)

3. Dr.B.Anandh
(Secretary)

4. Dr.Saikrishna
(Member)

5. Dr.K.Balaji
(Member)

6. Dr.R.Riaz
(Member)

7. Dr.G.S.Asokan
(Member)

8. Dr.R.Jayaprakash
(Member)

9. Dr.Bhuvaneshwari
(Member)

10. Dr.Vaishnavi
(Member)

11. Dr.B.Meenakshi
(Member)

12. Dr.I.Kanann
(Member)

13. Dr.R.Jayaprakash
(Member)

14. Dr.S.Manikandan
(Member)

14. Dr.Bharath Prasad
(Member)

15. Dr.Krishnaeshwari
(Member)

Ref. No.: RC/TDCH/042/2022

Date: 27.05.2022

CIRCULAR

The 50th Research Committee Meeting will be held on 22.06.2022
(Wednesday) in the Board room at 10:00 AM.

Study Proposals can be submitted to Dr.B.Anandh (Member Secretary)
on or before 17.06.2022 to be considered for presentation in the meeting.

CHAIRMAN

PRINCIPAL

[Handwritten signature]

1. DR. VENKATA KRISHNAN C.J
[CONVENOR]

2. DR. S. BALAGOPAL
[CHAIRMAN]

3. DR. K. BALAJI
[MEMBER]

4. DR. G.S. ASHOKAN
[MEMBER]

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22/6/22

5. DR. SAI KRISHNA
[MEMBER]

[Handwritten signature]
22/6/22

6. DR. RIAZ R
[MEMBER]

[Handwritten signature]
22/6/22

7. DR. I. KANNAN
[MEMBER]

8. DR. B. ANANDH
[MEMBER SECRETARY]

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9. DR. BHUVANESHWARI
[MEMBER]

[Handwritten signature]
22/6/22

10. DR. R. JAYAPRAKASH
[MEMBER]

11. DR. S. MANIKANDAN
[MEMBER]

[Handwritten signature]
22/6/22

12. DR. BHARATH
[MEMBER]

13. DR. VAISHNAVI
[MEMBER]

[Handwritten signature]
22/6/22

14. DR. B. MEENAKSHI
(Member)

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22/06/22

TAGORE DENTAL COLLEGE AND HOSPITAL

50th RESEARCH COMMITTEE MEETING – 22nd June 2022

LIST OF STUDY PROPOSALS

S.NO.	PRINCIPAL INVESTIGATOR	CO-INVESTIGATORS	STUDY TITLE
1.	Aarthi P. CRRI, Tagore Dental College	Dr. Jacob Mathew Philip Prof, Department of Prosthodontics, Tagore Dental College	"Anxiety In Patients Attending A Dental College Clinic"
2.	E.Raj Shree CRRI, Tagore Dental College	Dr.Balaji N. Reader, Department of Oral Medicine and Radiology Tagore dental college	"Association of carbonated drinks intake with dental erosion among dental students"
3.	Raga Priya R, CRRI, Tagore Dental college and Hospital	Dr.Balaji N. Reader, Department of Oral Medicine and Radiology Tagore dental college	"Comparison of efficacy of Natural honey Curcumin and Triamcinolone acetoneide (0.1%) on the healing of oral ulcers - A clinical study"
4.	Reshma S. CRRI Tagore Dental College.	Dr.Balaji N. Reader, Department of Oral Medicine and Radiology, Tagore Dental College.	"The role of transcutaneous electric nerve stimulation in the management of temporomandibular joint disorder- A prospective study"
5.	Nafeesa A. CRRI Tagore Dental College.	Dr.B.Anandh Reader Department of Oral and Maxillofacial surgery Tagore Dental College.	"Awareness among dental students about third molar auto transplantation as a replacement for the missing molar tooth"
6.	Rakshana N. CRRI, Tagore Dental College.	Dr.Narmatha Senior Lecturer, Department of Oral Medicine and Radiology Tagore Dental College	"Comparative study on the efficacy of omega 3, topical aloe vera gel and steroids in the management of Oral Submucous fibrosis "

7.	Dr.Ashwitha G. I year MDS Department of Prosthodontics, Tagore dental College	Dr. C.J.Venkatakrishnan Professor and Head , Department of Prosthodontics, Tagore Dental College	"Use Of Digital Technologies In Prosthodontic Clinical Practice Among prosthodontists Tamilnadu And Pondicherry- A Questionnaire Survey"
8.	Dr.Kanmani A. I year MDS Department of Prosthodontics, Tagore dental College	Dr. C.J.Venkatakrishnan Professor and Head , Department of Prosthodontics, Tagore Dental College	"A Questionnaire Based Study To Assess The Knowledge, Awareness Of Mucormycosis Among Prosthodontists In Tamilnadu And Pondicherry"
9.	Rithika Sri S. CRRRI Tagore dental college	Dr.Sindhu P. Senior Lecturer, Department of Oral Medicine and Radiology Tagore Dental College	"Correlation between introvertism, extrovertism Personlaity Trait And Deleterious Habit History; OHI Index And Oral Lesions Prevalence - A Cross- Sectional Study"
10.	Dr.Godlin Jeneta J. I year MDS Department of Conservative Dentistry and Endodontics, Tagore dental College	Dr. Balagopal S. Professor and Head , Department of Conservative Dentistry and Endodontics Tagore Dental College	"Relationship Between Root apex of Maxillary Second Premolar, First And Second Molars With The Maxillary Sinus : A Retrospective CBCT Analysis."
11.	Sumaiya Fathima T. CRRRI Tagore dental college	Dr..Vaishnavi.S Reader, Department of Public Health Dentistry, Tagore Dental College	"Influence of Socioeconomic status on behavioral problems of 11-14 years old school going children in Chennai"
12.	Suthamancharri S. CRRRI Tagore dental college	Dr.Vaishnavi S. Reader, Department of Public Health Dentistry, Tagore Dental College	"Perception of dental and engineering students towards online food delivery system"
13.	M.Princy Deborah, K.Avinash Moorthi, CRRRI Tagore dental college	Dr.Balaji K. Professor and Head , Department of Orthodontics Tagore Dental College	"Survey on the orthodontic awareness in Tagore Group of Institution - A questionnaire study."
14.	Vasanthan .RM CRRRI Tagore dental college	Dr.Soundarya, Senior Lecturer, Department of Public Health Dentistry, Tagore Dental College	"Association between Dermatoglyphics and dental caries among children"

15.	R.Haritha CRRI, Tagore Dental College	Dr. Shanthini Priya Senior Lecturer, Department of Orthodontics Tagore Dental College and Hospital	"Influence of maxillary lateral incisors width on various malocclusions- A cross sectional study"
16.	Jebaselvi P. CRRI, Tagore Dental College	Dr.Shanthini Priya Senior Lecturer, Department of Orthodontics Tagore Dental College and Hospital	"Dental Students Perception on Digital Technology In Orthodontics"
17.	Vethika K. CRRI, Tagore Dental College	Dr.Soundarya, Senior Lecturer, Department of Public Health Dentistry, Tagore Dental College	"Cheiloscopy and Molar relationship among Dental students in Chennai City"
18.	Thilak Raj S. CRRI, Tagore Dental College	Dr. Kumara Raja B. Senior Lecturer Department of Public Health Dentistry, Tagore Dental College	"Knowledge Of Human Monkey Pox Viral Infection Among Dental College Students In Chennai City: A Cross-Sectional Study"
19.	Vivetha R., CRRI, Tagore Dental College	Dr. Kumara Raja B. Senior Lecturer Department of Public Health Dentistry, Tagore Dental College	"Knowledge, Attitude And Practice about Tele Dentistry Among Dental College Students In Chennai City: A Cross-Sectional Study"
20.	Janisha, CRRI, Tagore Dental College	Dr.Mahalakshmi K., Reader, Department of Orthodontics Tagore Dental College and Hospital	"Carboxymethylcellulose-Chitosan-Modified Dental Aligner Prevents The Streptococcus Mutans Biofilm Formation"
21.	Kalki Priya A., CRRI, Tagore Dental College	Dr.Deepak P, Senior Lecturer, Department of Orthodontics Tagore Dental College and Hospital	"Evaluation of the accuracy of orthodontic models prototyped with entry level LCD based 3d printers and FDM printers : a study using surface based superimposition and deviation analysis"
22.	Jeyamitha R., CRRI, Tagore Dental College	Dr.Deepak P, Senior Lecturer, Department of Orthodontics Tagore Dental College and Hospital	"Perception of Smile Aesthetics as Influenced By Connectors Variation"

23.	Sswedheni S.U. I year MDS Department of Conservative Dentistry and Endodontics, Tagore dental College	Dr. Vandana James, Reader, Department of Conservative Dentistry and Endodontics Tagore Dental College	"Efficacy Of Three Indian Herbal Extracts Against Dual Species Biofilm And Its Depth of Penetration As Root Canal Irrigant- An Invitro Study"
24.	T.Badrinath, I year MDS Department of Conservative Dentistry and Endodontics, Tagore dental College	Dr. Balagopal S. Professor and Head , Department of Conservative Dentistry and Endodontics Tagore Dental College	Association Of dermatoglyphic Patterns With DMFT Score, Hamilton Depression Rating Scale (HDRS), And Hamilton Anxiety Rating Scale (Ham-A): An In-Vivo Study"
25.	Deepika Barathi M. CRRI, Tagore Dental College	Dr. Balagopal S. Professor and Head , Department of Conservative Dentistry and Endodontics Tagore Dental College	"Comparison of Antimicrobial efficacy of Herbal oils - Origanum vulgare (OREGANO) and Chrysopogon zizanioides (VETIVER) against Lactobacillus case, Lactobacillus rhamnosus, Streptococcus mutans and prevotella intermedia - An in vitro study."
26.	Gayathri V.A.M. CRRI, Tagore Dental College	Dr. Balagopal S. Professor and Head , Department of Conservative Dentistry and Endodontics Tagore Dental College	"Comparison of Antimicrobial efficacy of Herbal oils - Melaleuca alternifolia (Tea Tree) and Cinnamomum cassia (Cinnamon) against Lactobacillus case, Lactobacillus rhamnosus, Streptococcus mutans and prevotella intermedia - An in vitro study."
27.	T.V.Vasantha Bharathy CRRI, Tagore Dental College	Dr.Hemalatha A. Senior Lecturer, Department of Oral Pathology	"Prevalence of aphthous stomatitis recurrent aphthous ulcers in dental and medical students - A cross- sectional study",
28.	Gowardhan S. CRRI, Tagore Dental College	Dr.Mahalakshmi K., Reader, Department of Orthodontics Tagore Dental College and Hospital	"Measurement Of Aligner Thickness And Gap Width In Two Types Of Clear Aligner Sheets Manufactured Using Two Different Thermoforming Machines- A Nano CT Study"

29.	Bhargavi T. CRRI, Tagore Dental College	Dr. Balagopal S. Professor and Head , Department of Conservative Dentistry and Endodontics Tagore Dental College	“Efficacy of Indian Herbal oils in disinfection of Gutta Percha cones and their Effect on Tensile Strength Before Obturation- An Invitro Study”
30.	Ezhil bharathi CRRI, Tagore Dental College	Dr. Balagopal S. Professor and Head , Department of Conservative Dentistry and Endodontics Tagore Dental College	“Evaluating the depth of penetration of calcium hydroxide mixed with three different herbal essential oils using Confocal laser scanning microscope ”
31.	Fathima Haseen Faseena CRRI, Tagore Dental College	Dr. Balagopal S. Professor and Head , Department of Conservative Dentistry and Endodontics Tagore Dental College	“Evaluating the depth of penetration of three different herbal irrigants using Confocal laser scanning microscope ”



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11. Dr.B.Meenakshi
(Member)
12. Dr.I.Kanann
(Member)
13. Dr.S.Manikandan
(Member)
14. Dr.Bharath Prasad
(Member)

Ref. No.: RC/TDCH/064/2022

Date: 14.07.2022

CIRCULAR

The 51st Research Committee Meeting will be held on 28.07.2022
(Thursday) in the Board room at 10:00 AM.

Study Proposals can be submitted to **Dr.B.Anandh (Member Secretary)**
on or before 25.07.2022 to be considered for presentation in the meeting.


CHAIRMAN


PRINCIPAL

1. DR. VENKATA KRISHNAN, C.J.
[CONVENOR]

J. Venkatesh

2. DR. S. BALAGOPAL
[CHAIRMAN]

3. DR. K. BALAJI
[MEMBER]

4. DR. G.S. ASHOKAN
[MEMBER]

G. S. Ashokan
11/8/22

5. DR. SAI KRISHNA
[MEMBER]

6. DR. RIAZ, R
[MEMBER]

R. Riaz
11/8/22

7. DR. J. KANNAN
[MEMBER]

8. DR. B. ANANDH
[MEMBER SECRETARY]

B. Anandh

9. DR. BHUVANESHWARI
[MEMBER]

10. DR. R. JAYAPRAKASH
[MEMBER]

R. Jayaprakash
11/8/2022

11. DR. S. MANIKANDAN
[MEMBER]

S. Manikandan
11/8/22

12. DR. BHARATH
[MEMBER]

B. Bharath
01/08/22

13. DR. VAISHNAVI
[MEMBER]

V. Vaishnavi
01/08/22

14. DR. B. NEENAKSHI
[MEMBER]

TAGORE DENTAL COLLEGE AND HOSPITAL

51st RESEARCH COMMITTEE MEETING – 01st August 2022

MINUTES OF MEETING

The meeting started at 10:15 am at the Board Room, Tagore Dental College & Hospital with the Chairman Dr.S.Balagopal welcoming all the members.

The following members were present.

- I. Dr.C.J.Venkatakrishnan (Principal)
- II. Dr.S.Balagopal(Chairman)
- III. Dr.Anandh B. (Member Secretary)
- IV. Dr.G.Asokan
- V. Dr. Sai Krishna
- VI. Dr.Balaji K.
- VII. Dr.Jeyaprakash R.
- VIII. Dr.Riaz R.
- IX. Dr.Manikandan
- X. Dr.Kannan J.
- XI. Dr.Vaishnavi
- XII. Dr.Bhuvaneshwari
- XIII. Dr.Bharath Prasad

- There were a total of 30 study proposals to be discussed in the meeting. There were 23 UG proposals, 5 PG proposals and 2 staff proposals.

1. The 1st presentation was by **Sethu Sree G., CRRI** under the guidance of **Dr. Ramesh., Senior Lecturer , Department of Pedodontics**, on the study title **“Knowledge, attitude and practice of dental practioners and dental students about viewing conditions for dental radiograph”**

The following comments were made by the committee.

- To validate the contents.
- To do a pilot study after IRC approval.
- To do statistical analysis.

2. The 2nd presentation was by **Monisha.N.C, CRRI** under the guidance of **Dr.Balakrishnan, Reader; Department of Oral and Maxillofacial Surgery**, on the study title **“Awareness About Physics Forceps among Dental Students “**

The following comments were made by the committee.

- Questionnaire needs to be validated. (Content and Statistics)
- To mention sampling methodology.
- Justify Sample size calculation.

3. The 3rd presentation was by : **Sharmila.E,CRRI** under the guidance of **Dr. Ramesh, Senior Lecturer**– Department of **Paediatric & Preventive Dentistry**,, on the study title . **“Effectiveness of 2 different methods of awareness campaign on ECC: Conventional pamphlets vs Social media campaign - A pilot study”**

The following comments were made by the committee.

- To expand the abbreviation in the study title. (ECC)

4. The 4th presentation was by . **Dr.Jayaraj.R, Post Graduate Student(1st MDS)**, under the guidance of **Dr.Balaji K., Professor and Head , Department of Orthodontics**, on the study title . **"Effects on the physical and mechanical properties of thermoplastic aligner materials after thermoforming and aging - an invitro study "**

- No comments were made by the committee

5. The 5th presentation was by **Dr. Jedidiah Fredrick Abisheg Britto , Department of Oral and Maxillofacial Surgery**, on the study title **“Sitting and standing dentistry: preference among dentists – An Observational study”**

The following comments were made by the committee.

- To do it as a prevalence study.
- Remove Chi square test from statistics.

6. The 6th presentation was by was by **Dr. A.Mohan Kumar, Post Graduate Student(2nd MDS)**,under the guidance of **Dr.Deepak, Senior Lecturer, Department of Orthodontics** on the study title **“Evaluation and Comparison Of Periodontal Health And Compliance Of Patients Wearing In House Aligners With Different Layer Thickness”**

The following comments were made by the committee.

- To change from ‘in house’ to ‘in office’ aligners.
- To check for ethical issues and informed consent before IEC.
- To add periodontal status in exclusion criteria.
- Justify the duration of Zero aligners for 3 weeks.

7. The 7th presentation was by **Dr. A.Mohan Kumar, Post Graduate Student(2nd MDS)**, under the guidance of – **Dr.Deepak, Senior Lecturer, Department of Orthodontics** on the study title **"Comparision of Different Layer Thickness In 3d Printed Model In Terms Of Quality And Duration”**

The following comments were made by the committee.

- To take consent from patients for intra oral scanning.

8. The 8th presentation was by **Dr. Karthikeyan.M Post Graduate Student(1st MDS)**, under the guidance of **Dr.Balaji K. Professor and Head , Department of Orthodontics** on the study title **“Comparison Of Various Properties Of Three Different Aligner Materials - An Invitro Study”**

- No comments were made by the committee

9. The 9th presentation was by **Shreeyan Nayar.M.N, CRRI**, under the guidance of **Dr.Jayaprakash.R., Professor and Head,Department of Paediatric & Preventive Dentistry,,** on the study title . **"Determination of Change In the pH of various commercially Available Calcium Hydroxide+Iodoform Pastes In Different Time Periods And Storage Temperatures-In Vitro Study**

- No comments were made by the committee

10.The 10th presentation was by **Aishwarya.K, CRRI Department** under the guidance of **Dr.Narasimman, Reader, Department of Prosthodontics,**on the study title **“ A study on the association between maxillary sinus septa and maxillary sinus mucosal thickening using cone beam computed tomography before sinus floor elevation surgery**

- No comments were made by the committee

11. The 11th presentation was by – **M.Shrikavi,CRRI** under the guidance of **Dr. Karthika.S Senior Lecturer, Department of Paediatric & Preventive Dentistry,** on the study title **"Effectiveness of different play therapy interventions in alleviating dental anxiety among children aged 5 to 8 years"**

The following comments were made by the committee.

- To change pain scale to anxiety scale.

12. The 12th presentation was by **Aishwarya Ravi, Third year** under the guidance of **Dr. Tamizhesai, Senior Lecturer , Department of Prosthodontics,** on the study title **"Isolation and screening of Actinomycetes from marine sediments for their Potential to produce antifungal and antimicrobial effects."**

The following comments were made by the committee.

- To include a co-investigator from Tagore medical college.

13. The 13th presentation was by – **Jananee Bharkavi,CRRI** under the guidance of **Dr. Prameshwaran.T.M. Senior Lecturer, Department of Orthodontics,** on the study . **"Pressure differences in clear aligner with three different trim lines; an in-vitro study”**

- No comments were made by the committee

14. The 14th presentation was by **Gokula Priya.R. CRRI** under the guidance of **Dr. Prameshwaran.T.M.Senior Lecturer, Department of Orthodontics**, on the study title **“Effect of aligner thickness and malocclusion on force delivery; an in-vitro study”**

- No comments were made by the committee

15. The 15th presentation was by **Ramya.M, CRRI** under the guidance of **Dr.Sindhu, Senior Lecturer, Department of Oral Medicine and Radiology** on the study title . **“Prevalence of Styloid process elongation and the type of elongation among south Indian population using digital Orthopantomograph”**

The following comments were made by the committee.

- To change the title form south Indian to “Tertiary care in Dental hospital in Chengalpattu district”

16. The 16th presentation was by **Karthikeyan A.CRRI** under the guidance of **Dr. Balakrishnan, Reader, Department of Oral and Maxillofacial Surgery**, on the study title . **“Awareness among dental students about applications of TENS in dentistry”**

The following comments were made by the committee.

- To validate the questionnaire.

17. The 17th presentation was by **Kanmani R. CRRI** under the guidance of **Dr.B.Anandh, Reader, Department of Oral and Maxillofacial Surgery**, on the study title **“Evaluation of the extraction socket healing by local application of a herbal formulation of (black cumin) Nigella Sativa sp and local anesthetic gel”**

The following comments were made by the committee.

- To check if medical grade for black cumin seeds is available.

18. The 18th presentation was by **Malarvizhi.G, CRRI** under the guidance of **Dr.Balakrishnan, Reader,Department of Oral and Maxillofacial Surgery**, on the study title, **“Evaluation of the extraction socket healing by local application of a herbal formulation of guava leaves (Psidium gujava) and local anesthetic gel”**

The following comments were made by the committee.

- To check if medical grade for guava leaves.is available.
- To include Siddha doctor as a co- investigator.

19.The 19th presentation was by **Lakshayaa C.M.S. CRRI** under the guidance of **Dr. Balakrishnan, Reader ,Department of Oral and Maxillofacial Surgery**, on the study title . **“Effect of Aloe Vera and Cucumber extract as mouthwash on the amount of bacterial colonization in the sutures given to extraction patients”**

The following comments were made by the committee.

- To include Siddha doctor/ Ayurvedic doctor as a co- investigator.
- Can do as a invitro study..

20. The 20th presentation was by **Maria Selva Vivetha, CRRI** under the guidance of **Dr.B.Anandh, Reader, Department of Oral and Maxillofacial Surgery**, on the study title . **“Awareness of maxillary tuberosity fracture during maxillary molar extraction among dental internship students”**

The following comments were made by the committee.

- Justify Sample size calculation.
- To validate the questionnaire.

21. The 21st presentation was by **Deepak Raj.J. CRRI** under the guidance of **Dr. Balagopal S., Professor and Head, Department of Conservative Dentistry and Endodontics**, on the study title **“Knowledge of tooth avulsion and its emergency management among physical education teachers in Chengalpattu district”**

- No comments were made by the committee

22. The 22nd presentation was by **Sunil kumar, CRRI** under the guidance of **Dr.Navin Bharathy M, Senior lecturer, Department of Prosthodontics** on the study title . **“Assesement of knowledge, attitude, awareness of ergonomics and musculoskeletal disorder among dental students in Chennai city”**

The following comments were made by the committee.

- Justify sample size calculation.

23. The 23rd presentation was by **Akash .V.CRRI** , under the guidance of **Dr.Anand, Senior Lecturer, Department of Prosthodontics**, on the study title . **“Evaluation of awareness and attitude on dental implant therapy among patients visiting Tagore dental college and hospital”**

The following comments were made by the committee.

- To remove college name from study title.
- \To validate the questionnaire.
- To Justify the statistical analysis.

24. The 24th presentation was by **Ashwini .D. CRRI** under the guidance of **Dr Balagopal S., Professor and Head, Department of Conservative Dentistry and Endodontics**, on the study title . **“Evaluation of surface changes on Gutta Percha points after disinfection using Indian herbal oils at two different time intervals - A SEM study**

The following comments were made by the committee.

- To remove the abbreviation in the title

25. The 25th presentation was by **Puvitha.A. CRRI**, under the guidance of **Dr.Ashokan.,Professor and Head, Department of Oral Medicine and Radiology**, on the study title **"Melatonin mouth wash for the Adjunctive management of periodontitis -A Clinical Interventional study"**

The following comments were made by the committee.

- To attach the safety documents related to melatonin mouthwash use in humans for periodontitis

26. The 26th presentation was by **Dr.Shobana .C.S ,Reader**, from the **Department of Conservative Dentistry and Endodontics**, on the study title . **“Evaluation of reproducibility and repeatability of electric pulp test in healthy adult permanent teeth - An observational longitudinal study"**

- No comments were made by the committee.

27. The 27th presentation was by **Dr.Bharath Kumar .B , MDS 3RD Year** under the guidance of **Dr. Balagopal S,Professor and Head, Department of Conservative Dentistry and Endodontics**, on the study title, **"Accuracy of three different electronic apex locators; An in vitro study"**

The following comments were made by the committee.

- To do as a pilot study.

28. The 28th presentation was by **Ayisha M. CRRI** under the guidance of **Dr. Balagopal S., Professor and Head, Department of Conservative Dentistry and Endodontics**, on the study title . **“Evaluation of microhardness of three nanofilled resin based dental composites after acidic challenge - an invitro study"**

The following comments were made by the committee.

29. The 29th presentation was by **Bakya Lakshmi .V. CRRI** under the guidance of **Dr. Balagopal.S . Professor and Head, Department of Conservative Dentistry and Endodontics**, on the study title . **“Comparative evaluation of surface roughness and surface tension of three nanofilled resin based dental composites after polishing . an invitro study"**

- To change the study title.

30. The 30th presentation was by **Balaji .S.A. CRRI** under the guidance of **Dr. Balagopal.S . Professor and Head, Department of Conservative Dentistry and Endodontics**, on the study title “**Comparative evaluation of contact angle and surface Morphology in three different filled resin based dental Composites after polishing - An invitro study**”

- No comments were made by the committee



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14. Dr.Bharath Prasad
(Member)

Ref. No.: RC/TDCH/082/2022

Date: 12.09.2022

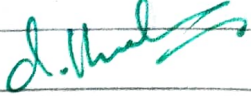

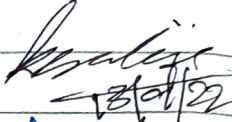
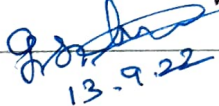

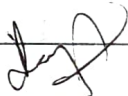
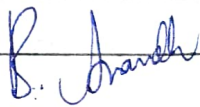
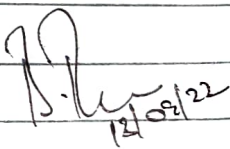
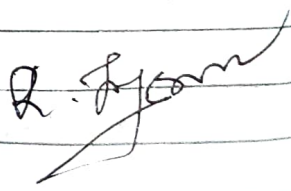
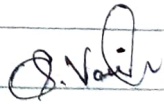
CIRCULAR

The 52nd Institute Research Committee Meeting will be held on
13.09.2022 (Tuesday).

Study proposals (To be done at University of Malaya) for approval by the
Institute Research Committee may be submitted before 12.09.2022
(Monday) to Dr.B.Anandh to be considered for presentation in the
meeting.

CHAIRMAN

PRINCIPAL

1. DR. VENKATA KRISHNAN C.J
[CONVENOR] 
2. DR. S. BALAGOPAL
[CHAIRMAN] 
3. DR. K. BALAJI
[MEMBER] 
4. DR. G. S. ASHOKAN
[MEMBER] 
5. DR. SAI KRISHNA
[MEMBER]
6. DR. RIAZ R
[MEMBER] 
7. DR. I. KANNAN
[MEMBER] 
8. DR. B. ANANDH
[MEMBER SECRETARY] 
9. DR. BHUVANESHWARI B.
[MEMBER] 
10. DR. R. JAYA PRAKASH
[MEMBER] 
11. DR. S. MANIKANDAN
[MEMBER]
12. DR. BHARATH
[MEMBER]
13. DR. VAISHNAVI. S
[MEMBER] 
14. DR. B. MEENAKSHI
[MEMBER]

TAGORE DENTAL COLLEGE AND HOSPITAL

52nd INSTITUTE RESEARCH COMMITTEE MEETING – 13TH SEPTEMBER 2022

MINUTES OF MEETING

The meeting started at **12.00 PM** at the Board Room, Tagore Dental College & Hospital with the Chairman Dr.S.Balagopal welcoming all the members.

The following members were present.

- I. Dr.C.J.Venkatakrishnan (Convenor)
- II. Dr.S.Balagopal(Chairman)
- III. Dr.B.Anandh (Member Secretary)
- IV. Dr.G.Asokan
- V. Dr.K.Balaji
- VI. Dr.R.Jayaprakash
- VII. Dr.Riaz R.
- VIII. Dr.I.Kannan
- IX. Dr.S.Vaishnavi
- X. Dr.B.Bhuvanewari

- There were a total of 12 study proposals to be discussed in the meeting. There were 12 UG proposals.

1. The 1st presentation was by **Priya.s, CRRI** under the guidance of **Dr.Juala Catherine , Reader , Department of Periodontics**, on the study title "**Knowledge and awareness of gingival veneer prosthesis among Indian and Malaysian dental students – A multicenter study**

- No comments were made by the committee

2. The 2nd presentation was by **M. Pravina CRRI** under the guidance of **Dr.Juala Catherine, Reader , Department of Periodontics**, on the study "**Awareness and knowledge about dental aerosols amongst Indian and Malaysian dental students – A multicenter study.**"

- No comments were made by the committee

3. The 3rd presentation was by **R.Poojadharsini, S.Reshma, CRRI**, under the guidance of **Dr. B.Bhuvanewari Prof & HOD, Department of Periodontics**, on the study title "**Knowledge, awareness and practice about musculoskeletal disorders among Malaysian and Indian dental students – A multicenter study.**"

The following comments were made by the committee.

- To divide questionnaire into knowledge, attitude & Practice session.
- Change mean & standard deviation to frequency & percentage.
- The questionnaire has to be re-modified & validated
- Add values to options given in questions.

4. The 4th presentation was by **P.Deepika, CRRI** under the guidance of **Dr.B.Kumara Raja , Senior Lecturer Department of Public Health Dentistry**, on the study title . **"Knowledge, attitude and practice regarding organ donation among Indian and Malaysian dental students – A multicenter study."**

The following comments were made by the committee.

- To change the scoring pattern for attitude section
- “Strongly agree” option should have the highest score.

5. The 5th presentation was by **Gopinath B, CRRI** , under the guidance of **Dr. S.Vaishnavi, Reader Department of Public Health Dentistry,,** on the study title **"Knowledge, attitude and practice of tobacco cessation counseling among Medical and Dental Interns of India and Malaysia – A multicenter study."**

The following comments were made by the committee.

- To exclude medical students from the study.
- To correct the study title.

6. The 6th presentation was by **Dr.M.Pavithra CRRI**, under the guidance of **Dr.Juala Catherine ,Reader , Department of Periodontics** on the study title **"Knowledge, attitude and practice about music therapy reducing dental anxiety among Indian and Malaysian dental students – A multicenter study."**

The following comments were made by the committee.

- To Change mean & standard deviation to frequency & percentage
- To restructure & validate the questionnaire.

7. The 7th presentation was by **M.M.Nishaali, CRRI**, under the guidance of – of **Dr.Juala Catherine, Reader,Department of Periodontics** on the study **"Awareness on the use of complementary and alternative medicine in dentistry – Questionnaire based study among dental students in India and Malaysia”**

The following comments were made by the committee.

- To Change mean & standard deviation to frequency & percentage
- To justify Validation score

8. The 8th presentation was by **J.H.Preetha CRRI**, under the guidance of **Dr.Juala Catherine, Reader, Department of Periodontics** on the study title **“Awareness on the use of complementary and alternative medicine in dentistry – Questionnaire based study among dental students in India and Malaysia”**

The following comments were made by the committee.

- To Change mean & standard deviation to frequency & percentage
- To change terminology “unborn baby” as “Fetus”
- To include “NIL COTINE LEVEL IN SALIVA “option.

9. The 9th presentation was by **J.H.Preetha CRRI & M.Janisha CRRI** under the guidance of **Dr.Juala Catherine, Reader, Department of Periodontics** on the study title. **“Perception of dental students on the impact of gender during training and future dental practice among Indian and Malaysian dental students – A multicentric study.”**

The following comments were made by the committee.

- To Change mean & standard deviation to frequency & percentage

10. The 10th presentation was by **Bharany Malavika J., Shreeyan Nayar M.N** under the guidance of **Dr.B.Bhuvanewari, Prof & HOD ,Department of Periodontics,** on the study title **"Knowledge, attitude and awareness of dental students about polishing after scaling procedure – A comparison between Malaysian and Indian dental students – Multicenter study."**

The following comments were made by the committee.

- To Change mean & standard deviation to frequency & percentage
- Objective of the study to be changed

11. The 11th presentation was by – **S.Nirmala S.& R.Rakshana,CRRI** under the guidance of **Dr. Dr.B.Bhuvanewari Prof & HOD ,Department of Periodontics,** on the study title

"Effectiveness of different play therapy interventions in alleviating dental anxiety among children aged 5 to 8 years"

The following comments were made by the committee.

- To change questionnaire into knowledge & awareness.

12. The 12th presentation was by **M.Shrikavi, CRRI** under the guidance of **Dr.B.Kumara Raja , Senior Lecturer Department of Public Health Dentistry,** on the study title **“Knowledge and attitude about Tele-dentistry among Indian and Malaysian dental students – A cross-sectional comparative study.”**

- No Comments were made



INSTITUTE RESEARCH COMMITTEE TAGORE DENTAL COLLEGE & HOSPITAL

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Rathinamangalam, Melakkottaiyur post, Chennai - 600 127. Ph: 044-30102222
E-mail:research@tagoredch.in Website: www.tagoredch.com

MEMBERS

1. Dr.C.J.Venkatakrishnan
(Convenor)
2. Dr.S.Balagopal
(Chairman)
3. Dr.B.Anandh
(Member Secretary)
4. Dr.K.Balaji
(Member)
5. Dr.Saikrishna
(Member)
6. Dr.G.S.Asokan
(Member)
7. Dr.R.Riaz
(Member)
8. Dr.R.Jayaprakash
(Member)
9. Dr.Bhuvaneshwari
(Member)
10. Dr.Vaishnavi
(Member)
11. Dr.I.Kannan
(Member)
12. Dr.B.Meenakshi
(Member)
13. Dr.S.Manikandan
(Member)
14. Dr.Bharath Prasad
(Member)

Ref. No.: RC/TDCH/100/2022

Date: 07.11.2022

CIRCULAR

The 53rd Institute Research Committee Meeting will be held on
23.11.2022 (Wednesday).

Study proposals for approval by the Institute Research Committee may be
submitted before 18.11.2022 (Friday) to Dr.B.Anandh to be considered
for presentation in the meeting.

CHAIRMAN
CHAIRMAN
RESEARCH COMMITTEE
TAGORE DENTAL COLLEGE & HOSPITAL
CHENNAI-600 127

PRINCIPAL

Dr.C.J.Venkatakrishnan, M.D.S., Ph.D.,
PRINCIPAL
TAGORE DENTAL COLLEGE & HOSPITAL
RATHINAMANGALAM, VANDALUR POST,
MELAKOTTAIYUR, CHENNAI-600 127.

- 1. DR. VENKATA KRISHNAN. C.J
[CONVENDOR]
- 2. DR. S. BALAGOPAL
[CHAIRMAN]
- 3. DR. K. BALAJI
[MEMBER]
- 4. DR. G. S. ASHOKAN
[MEMBER]
- 5. DR. SAI KRISHNA.
[MEMBER]
- 6. DR. RIAZ. R
[MEMBER]
- 7. DR. I. KANNAN
[MEMBER]
- 8. DR. B. ANANDH
[MEMBER SECRETARY]
- 9. DR. BHUVANESWARI . B.
[MEMBER]
- 10. DR. R. JAYAPRAKASH
[MEMBER]
- 11. DR. S. MANIKANDAN
[MEMBER]
- 12. DR. BHARATH
[MEMBER]
- 13. DR. VAISHNAVI. S
[MEMBER]
- 14. DR. B. MEENAKSHI
[MEMBER]

J. Kulkarni

[Signature]
23/11/22

[Signature]

P. Sai Krishna

R. Ruy

[Signature]

R. R

R. Jagan

S. Vaidh

TAGORE DENTAL COLLEGE AND HOSPITAL

53rd INSTITUTE RESEARCH COMMITTEE MEETING – 23rd NOVEMBER 2022

MINUTES OF MEETING

The meeting started at **11.00 AM** at the Board Room, Tagore Dental College & Hospital with the Chairman Dr.S.Balagopal welcoming all the members.

The following members were present.

- I. Dr.C.J.Venkatakrisnan (Convenor)
- II. Dr.S.Balagopal(Chairman)
- III. Dr.Sai Krishna
- IV. Dr.K.Balaji
- V. Dr.R.Jayaprakash
- VI. Dr.Riaz R.
- VII. Dr.I.Kannan
- VIII. Dr.S.Vaishnavi
- IX. Dr.B.Bhuvaneshwari

- There were a total of 12 study proposals to be discussed in the meeting. There were 12 UG proposals.

1. The 1st presentation was by **T.Sumaiya Fathima , CRRI** under the guidance of **Dr.Vaishnavi S., Reader , Department of Public Health Dentistry**, on the study title "**Knowledge and attitude regarding third hand smoking among non-smokers attending dental outreach programs in Chennai.**"

The following comments were made by the committee.

- To provide knowledge about third hand smoking.
- To justify Chi square test in statistical analysis.

2. The 2nd presentation was by **V. Sugumari CRRI** under the guidance of **Dr.A. Hemalatha Senior Lecturer, Department of Oral Pathology**, on the study "**Study of Micronuclei in Smoker and Non smoker- A Case control Study**"

The following comments were made by the committee.

- Methodology and Inclusion criteria to be corrected.
- To mention the years of smoking in the proposal
- To do changes in the study design.
- To change informed consent form.
- To add participant information sheet.

3. The 3rd presentation was by **Monisha. P, CRRI**, under the guidance of **Dr.Vaishnavi, Reader, Department of Public Health Dentistry**, on the study title "**Effectiveness of school-based dental health education on emergency management of dental trauma and tooth avulsion among school teachers in Chennai.**"

The following comments were made by the committee.

- To obtain permission for administering questionnaire.
- To change objectives as Primary and Secondary
- To mention the grade of teachers involved in the study.

4. The 4th presentation was by **Stavan V., CRRI** under the guidance of **Dr.L.Makesh Raj, Professor, Department of Oral Pathology**, on the study title "**Knowledge among dental students regarding Forensic Odontology in Chennai.**"

The following comments were made by the committee.

- To redo the sample size calculation.
- To modify question related to finger printing.
- To change questionnaire options as binomial.
- To add a note about scoring in methodology.

5. The 5th presentation was by **Subash.M, CRRI**, under the guidance of **Dr.A. Hemalatha Senior Lecturer Department of Oral Pathology**, on the study title "**Knowledge and Awareness about Dental Insurance among Dentist in Chennai** "

The following comments were made by the committee.

- The study is not approved by the committee in the present format.

6. The 6th presentation was by **Subash.B CRRI**, under the guidance of **Dr.A. Hemalatha Senior Lecturer Department of Oral Pathology**, on the study title "**Perception and Willingness toward Oral Pathology and Histology as a subject and profession among dental undergraduates** "

The following comments were made by the committee.

- The study is not approved by the committee in the present format.

7. The 7th presentation was by **Bhuvaneshwari.J.M, CRRI**, under the guidance of – of **Dr.Soundarya, Senior Lecturer, Department of Public Health Dentistry** on the study **“Perception about self-medication practices for oral health problems among general population of Chennai city, India.”**

The following comments were made by the committee.

- To mention the type of sampling.
- To take informed consent from ICMR.
- To add a note on over the counter medication.
- To add the implications of the study.
- To add informed consent.

8. The 8th presentation was by **S.Abhitha Shree CRRI**, under the guidance of **Dr.G.S.Asokan,, Prof & HOD, Department of Oral Medicine & Radiology** on the study title **“Knowledge regarding prescription of antibiotics among dental interns at Tagore Dental College and Hospital- A questionnaire study”**

The following comments were made by the committee.

- To Change and validate the questionnaire.
- To change the title as “in and around Chennai”.
- To change sample size and study population.
- To change the key article.

9. The 9th presentation was by **Sarojini.M.S CRRI** under the guidance of **Dr.Kalpana, Senior Lecturer, Department of Pedodontics** on the study title. **“Knowledge, Awareness and Practice on initial decalcification among parents of children aged 1-6 years- A questionnaire study”**

The following comments were made by the committee.

- To modify the sample size and mention the sampling method.
- To change the study design as cross sectional questionnaire study in the methodology.
- To change the questionnaire and categorize them as Knowledge, Attitude and Practice.
- To include the secondary objectives.

10. The 10th presentation was by **Sivaranjani.S CRRI** under the guidance of **Dr.Kalpana, Senior Lecturer, Department of Pedodontics**, on the study title "**Awareness,attitude and knowledge among parents about primary dentition and the management of its premature loss- A questionnaire study.**"

The following comments were made by the committee.

- To modify study title.
- To change sampling methodology.
- To modify and validate the questionnaire.
- To segregate questions as Knowledge, Attitude and Practice.
- To do the above mentioned changes and resubmit for presentation in the IRC.

11. The 11th presentation was by – **Krithika.A,CRRI** under the guidance of **Dr..R.Riaz, Professor & HOD, Department of Oral & Maxillofacial Surgery**, on the study title "**Knowledge, Attitude and Utilization of Dental indemnity policy among dental postgraduates and dental surgeons in Tamil Nadu, India**'

The following comments were made by the committee.

- To change the questionnaire and validate.
- To change study design.
- To mention statistical test.(Descriptive statistics)

12. The 12th presentation was by **P.Kamil Haneef CRRI** under the guidance of **Dr.Lokesh, Professor, Department of Oral & Maxillofacial Surgery**, on the study title "**Comparative study of effect of sub mucosal application of tramadol and ketorolac on Post operative pain after third molar surgery** "

The following comments were made by the committee.

- To reframe aim and study title.
- To increase sample size to 25.



INSTITUTE RESEARCH COMMITTEE

TAGORE DENTAL COLLEGE & HOSPITAL

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E-mail:research@tagoredch.in Website: www.tagoredch.com

MEMBERS

1. Dr.C.J.Venkatakrishnan
(Convenor)

2. Dr.S.Balagopal
(Chairman)

3. Dr.B.Anandh
(Member Secretary)

4. Dr.K.Balaji
(Member)

5. Dr.Saikrishna
(Member)

6. Dr.G.S.Asokan
(Member)

7. Dr.R.Riaz
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8. Dr.R.Jayaprakash
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9. Dr.Bhuvaneshwari
(Member)

10. Dr.Vaishnavi
(Member)

11. Dr.I.Kannan
(Member)

12. Dr.B.Meenakshi
(Member)

13. Dr.S.Manikandan
(Member)

14. Dr.Bharath Prasad
(Member)

Ref. No.: RC/TDCH/105/2022

Date: 07.12.2022

CIRCULAR

The 54th Institute Research Committee Meeting will be held on
21.12.2022 (Wednesday).

Study proposals for approval by the Institute Research Committee may be
submitted before 17.12.2022 (Saturday) to Dr.B.Anandh to be
considered for presentation in the meeting.


CHAIRMAN
CHAIRMAN
RESEARCH COMMITTEE
TAGORE DENTAL COLLEGE & HOSPITAL
CHENNAI-600 127


PRINCIPAL

Dr.C.J.VENKATA KRISHNAN, M.D.S., Ph.D.,
PRINCIPAL
TAGORE DENTAL COLLEGE & HOSPITAL
RATHINAMANGALAM, VANDALUR POST,
MELAKOTTAIYUR, CHENNAI-600 127.

1. DR. C. J. VENKATA KRISHNAN
[CONVENOR]

2. DR. S. BALAGOPAL
[CHAIRMAN]

[Signature]
29/12/22

3. DR. K. BALAJI
[MEMBER]

[Signature]
29/12/22

4. DR. G. S. ASHOKAN
[MEMBER]

[Signature]
29.12.22

5. DR. SAI KRISHNA
[MEMBER]

[Signature]
29/12/22

6. DR. RIAZ. R
[MEMBER]

[Signature]
29/12/22

7. DR. T. KANNAN
[MEMBER]

[Signature]
29/12/22

8. DR. B. ANANDH
[MEMBER SECRETARY]

[Signature]
B. Anandh

9. DR. B. BHUVANESWARI
[MEMBER]

10. DR. R. JAYAPRAKASH
[MEMBER]

[Signature]
R. Jayaprakash

11. DR. S. MANIKANDAN
[MEMBER]

[Signature]
S. Manikandan

12. DR. BHARATH
[MEMBER]

[Signature]
B. Bharath

13. DR. VAISHNAVI. S
[MEMBER]

[Signature]
S. Vaishnavi

14. DR. B. MEENAKSHI
[MEMBER]

TAGORE DENTAL COLLEGE AND HOSPITAL
54th INSTITUTE RESEARCH COMMITTEE MEETING – 29th DECEMBER 2022
MINUTES OF MEETING

The meeting started at **11.00 AM** at the Board Room, Tagore Dental College & Hospital with the Chairman Dr.S.Balagopal welcoming all the members.

The following members were present.

- I. Dr.S.Balagopal(Chairman)
- II. Dr.B.Anandh (Member Secretary)
- III. Dr.Sai Krishna
- IV. Dr.K.Balaji
- V. Dr.G.S.Asokan
- VI. Dr.R.Jayaprakash
- VII. Dr.Riaz R.
- VIII. Dr.I.Kannan
- IX. Dr.S.Vaishnavi
- X. Dr.S.Manikandan
- XI. Dr.Bharath Prasad

- There were a total of 4 UG study proposals to be discussed in the meeting.

1. The 1st presentation was by **M. Subash, CRRI** under the guidance of **Dr.Hemalatha A., Senior Lecturer, Department of Oral Pathology**, on the study title "**Odontometric analysis of permanent maxillary premolars for gender determination in Chennai population**"

The following comments were made by the committee.

- To include photographic /intraoral scanning methods for studying morphology.
- Suggested to be done as a comparative study with scanned images from department of orthodontics.

2. The 2nd presentation was by **Krishnapriyaa R., CRRI** under the guidance of **Dr.R Riaz Prof and Head Department of oral and maxillofacial surgery**, on the study "**Awareness among dental students about risk of developing TMJ disorders after third molar extraction.**"

The following comments were made by the committee.

- Sample size calculation has to be justified.
- In methodology , study population needs to be included by adding dental students in and around Chennai city .
- Questionnaire needs to be restructured and validated .

3. The 3rd presentation was by **Bhavan Kumar .V, CRRI**, under the guidance of **Dr R Jayprakash Prof and Head Department of Pediatric and Preventive Dentistry**, on the study title **“The Evaluation of Fracture Resistance of Endodontically treated teeth restored with conventional Resin Composite and Pre- Polymerized Composite: An In-Vitro Study”**

The following comments were made by the committee.

- Aim and objectives to be clearly mentioned, both cannot be the same.

4. The 4th presentation was by **Sivaranjani S, CRRI** under the guidance of **Dr. Kalpana H., Senior Lecturer , Department of Pediatric and Preventive Dentistry,,** on the study title **“Assessment of Parental Awareness on Premature Loss of Primary Teeth- A Cross Sectional Study.”**

The following comments were made by the committee.

- Questionnaire needs to be redone and validated
- Response and scoring needs to be redone.



INSTITUTE RESEARCH COMMITTEE TAGORE DENTAL COLLEGE & HOSPITAL

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10. Dr.Vaishnavi
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11. Dr.I.Kannan
(Member)

12. Dr.B.Meenakshi
(Member)

13. Dr.S.Manikandan
(Member)

14. Dr.Bharath Prasad
(Member)

Ref. No.: RC/TDCH/001/2023

Date: 21.02.2023

CIRCULAR

The 55th Institute Research Committee Meeting will be held on
28.02.2023 (Tuesday).

Study proposals for approval by the Institute Research Committee may be
submitted before 25.02.2023 (Saturday) to Dr.B.Anandh to be
considered for presentation in the meeting.


21/02/2023
CHAIRMAN


PRINCIPAL

Dr.C.J.VENKATA KRISHNAN, M.D.S., Ph.D.
PRINCIPAL
TAGORE DENTAL COLLEGE & HOSPITAL
RATHINAMANGALAM, VANDALUR POST.
MELAKOTTAIYUR CHENNAI-600 127.

1. DR. C.J. VENKATA KRISHNAN
[CONVENOR] S. Venk
28/2/23
2. DR. S. BALAGIOPAL
[CHAIRMAN] ~~Signature~~
28/2/23
3. DR. K. BALAJI
[MEMBER] ~~Signature~~
28/2/23
4. DR. G. S. ASHOKAN
[MEMBER] ~~Signature~~
28/2/23
5. DR. SAI KRISHNA
[MEMBER] P. Sai Krishna
28/02/2023
6. DR. RIAZ R
[MEMBER] R. Riaz
28/2/23
7. DR. T. KANNAN
[MEMBER] T. Kannan
28/2/23
8. DR. B. ANANDH
[MEMBER SECRETARY] B. Anandh
28/2/23
9. DR. B. BHUVANESWARI
[MEMBER] ~~Signature~~
28/2/23
10. DR. S. MANIKANDAN
[MEMBER] ~~Signature~~
11. DR. R. JAYAPRAKASH
[MEMBER] ~~Signature~~
12. DR. BHARATH
[MEMBER] ~~Signature~~
13. DR. VAISHNAVI S
[MEMBER] S. Vaishnavi
28/2/23
14. DR. B. MEENAKSHI
[MEMBER] ~~Signature~~
15. DR. T. M. BALAJI
[MEMBER] T. M. Balaji
28/2/23

TAGORE DENTAL COLLEGE AND HOSPITAL
55th INSTITUTE RESEARCH COMMITTEE MEETING – 28th FEBRUARY 2023
MINUTES OF MEETING

The meeting started at **11.00 AM** at the Board Room, Tagore Dental College & Hospital with the Chairman Dr.S.Balagopal welcoming all the members.

The following members were present.

- I. Dr.C.J.Venkatakrishnan (Convenor)
- II. Dr.S.Balagopal(Chairman)
- III. Dr.B.Anandh (Member Secretary)
- IV. Dr.Sai Krishna
- V. Dr.K.Balaji
- VI. Dr.G.S.Asokan
- VII. Dr.R.Jayaprakash
- VIII. Dr.B.Bhuvanaeswari
- IX. Dr.Riaz R.
- X. Dr.I.Kannan
- XI. Dr.S.Vaishnavi
- XII. Dr.T.M.Balaji

- There were a total of 10 PG and 1 UG study proposals to be discussed in the meeting.
 1. The 1st presentation was by **Dr.Yogesh Kumar, I year MDS, Department of Prosthodontics** under the guidance of **Dr.C.J.Venkthakrishnan, Prof and HOD, Department of Prosthodontics**, on the study title "**Influence of screw insertion torque on implant abutment misfit in implants with internal hex connection – An Invitro study**"
 - No comments were given by the committee
 2. The 2nd presentation was by **Dr.Surya N.G. I year MDS,Department of Prosthodontics** under the guidance of **Dr.C.J.Venkthakrishnan, Prof and Head Department of Prosthodontics**, on the study "**Comparison of accuracy between Computer aided dynamic navigation and Computer aided static surgical guide for angulated dental implant placement – An Invitro study.**"
 - No comments were given by the committee
 3. The 3rd presentation was by **Dr,Pratheeba A.R. I year MDS, Department of Conservative Dentistry and Endodontics** under the guidance of **Dr.S.Balagopal Prof and Head Department of Conservative Dentistry**, on the study title "**Comparative evaluation of Dentinal tubule penetration of three different bioceramic sealers using confocal laser scanning microscopy – An Invitro Study**"
 - No comments were given by the committee

4. The 4th presentation was by **Dr.Suchithra Devi I year MDS, Department of Conservative Dentistry and Endodontics** under the guidance of **Dr.S.Balagopal Prof and Head Department of Conservative Dentistry and Endodontics**, on the study title **“Comparing the efficacy of two plant proteases papain and bromelain in chemomechanical caries excavation : An Invivo study”**
 - No comments were given by the committee

5. The 5th presentation was by **Dr.Richwana S.T. I year MDS, Department of Conservative Dentistry and Endodontics** under the guidance of **Dr.S.Balagopal Prof and Head, Department of Conservative Dentistry and Endodontics**, on the study title **“Comparative evaluation of Mineralisation potential of three different bioceramic sealers and their biocompatibility using Human Gingival Fibroblast cells – an Invitro study”**
 - No comments were given by the committee

6. The 6th presentation was by **Dr.Asmaa S. I year MDS, Department of Oral and Maxillofacial Surgery** under the guidance of **Dr.R.Riaz, Prof and Head, Department of Oral and Maxillofacial Surgery**, on the study title **“Comparing the efficacy of two different techniques in Submental Intubation – A Randomized Control Study”**
 - No comments were given by the committee

7. The 7th presentation was by **Dr.Arun Divakar I year MDS, Department of Oral and Maxillofacial Surgery** under the guidance of **Dr.R.Riaz, Prof and Head, Department of Oral and Maxillofacial Surgery**, on the study title **“A Randomized Clinical Study to Compare the conventional Mini Plates and 2-Dimensional V Plate in the Fixation of mandibular fractures.”**
 - No comments were given by the committee

8. The 8th presentation was by **Dr.Subashree R., I year MDS, Department of Orthodontics** under the guidance of **Dr.K.Balaji, Prof and Head, Department of Orthodontics**, on the study title **“Biological basis of orthodontic tooth movement with fixed orthodontic treatment and clear aligners – An Invivo study.”**
 - No comments were given by the committee.

9. The 9th presentation was by **Dr.Daffy Jacentha P., I year MDS, Department of Orthodontics** under the guidance of **Dr.K.Balaji, Prof and Head, Department of Orthodontics**, on the study title **“Stress relaxation in direct printed and thermoformed aligner using scanning electron microscopy – An Exvivo study.”**

The following comments were made by the committee.

- Sample size calculation to be justified.
- Check for study design – Exvivo study.

10. The 10th presentation was by **Dr.Aswathi S., I year MDS, Department of Orthodontics** under the guidance of **Dr.Sunil Chandy Vargeese, Reader, Department of Orthodontics**, on the study title **“Aging induced cytotoxicity in 3D Printed aligners.”**

The following comments were made by the committee.

- To change study title.
- To do on Regular Orthodontic patients.
- Check for microbial contamination elimination methods in the aligners before testing for cytotoxicity.

11. The 11th presentation was by **Yogesh Periyaswamy., CRRI, Department of Oral Pathology** under the guidance of **Dr.Hemalatha A., Senior Lecturer, Department of Oral Pathology**, on the study title **“Awareness, Knowledge, Attitude about second hand smoking among dental students.”**

The following comments were made by the committee.

- To change study title.
- Sample size calculation to be redone.
- Questionnaire needs to be changed and restructured according to KAP format.
- Questionnaire needs to be validated.

Ethical Committee



INSTITUTE ETHICS COMMITTEE TAGORE DENTAL COLLEGE & HOSPITAL

Recognized by The Dental Council of India, New Delhi

Affiliated to The Tamilnadu Dr. M.G.R. Medical University, Chennai.

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Dr. C. Saravanan
Chairperson

Dr. S. BALAGOPAL
Member Secretary

Dr. M.R. Srinivasan
Clinician

Dr. P. Manickam
Scientist - D, NIE

Dr. Geetha
Pharmacologist

Dr. K.B. Prasanna
Clinician

Ms. Swapna Sundar
Legal Expert

Dr. I. Kannan
Microbiologist

Mr. J. Raja Samuel
Legal Expert

Dr. Miriam Samuel
Social Scientist

Dr. Crosby Vijayakumar
Lay Person

Rev. D. Sagariya
Religious Head

Date :

Ref. No.: IEC/TDCH/072/2022

Date: 14.07.2022

CIRCULAR

The 23rd Institute Ethics Committee Meeting will be held on
11.08.2022 (Thursday) in the Board room Tagore Dental college and
Hospital. Study Proposals can be submitted to **Dr.B.Anandh** on or
before 05.08.2022 (Friday) to be considered for presentation in the
meeting.

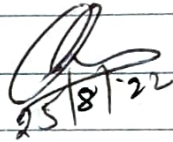
MEMBER SECRETARY

PRINCIPAL

The 23rd Ethics Committee meeting is held on 25/08/2022 at 10:00 am in the Board Room

The meeting will be chaired by Prof. Dr. C. Sarayanan FDS, RCS, professor, Department of Oral Surgery, SAM Dental college & Hospital, Kattankulathur, Chennai - 603203

1) DR. C. SARAYANAN
(CHAIR PERSON)


25/8/22

2) DR. S. BALAGOPAL
(MEMBER SECRETARY)

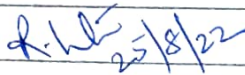

25/8/22

3) DR. R. SRINIVASAN

M.R. S
25/8/2022

4) DR. P. MANICKAM

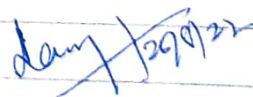
5) DR. GEETHA


25/8/22

6) DR. K. B. PRASANNA

7) M.C. SWAPNA SUNDAR


8) DR. J. KANNAN


25/8/22

9) Mr. J. RAJA SAMUEL (Legal Expert)

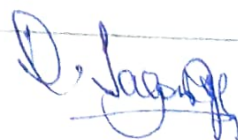
J. Raja
25/8/22

10) DR. MERIAM SAMUEL


25/8/22

11) DR. CROSBY VIJAYAKUMAR

12) Rev. D. SAGARIYA



Tagore Dental College and Hospital

Minutes – 23rd Institute Ethics Committee Meeting – 25-08-2022

The meeting started at 10.30am at the board room, Tagore Dental College with the Principal Dr.C.J.Venkatakrishnan welcoming all the members.

The following members were present in the ethics committee meeting.

1. Dr.C.Saravanan (Chairperson)
2. Dr.C.J.Venkatakrishnan (Principal)
3. Dr.S.Balagopal (Member Secretary)
4. Dr.M.R.Srinivasan
5. Dr.Miriam Samuel
6. Dr.I.Kannan
7. Mr. I. Raja Samuel
8. Dr.Geetha
9. Rev. D. Sagariya

There were a total of 32 presentations to be discussed in the meeting.

1. The 1st presentation was by **Bhargavi A., P.T. Abhinaya CRRI**, under the guidance of **Dr.B.Bhuvaneshwari, Prof and Head, Department Of Periodontics** on the study title **“Insilico analysis of inhibitory effect of Phytochemicals present in Yogaraja guggulu on inflammasomes - Implication in management of patients with periodontitis”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study

- To do study in Tagore medical college
2. The 2nd presentation was by **Nafeesa A. CRRI**, under the guidance of **Dr.Anandh B., Reader, Department of Oral and Maxillofacial Surgery**, on the study title **“Knowledge, attitude and Practice among dental students about third molar auto transplantation as replacement for the missing molar tooth”**
 - No comments were made by the committee

3. The 3rd presentation was by **Dr. Aswitha G First Year MDS**, under the guidance of **Dr. C.J. Venkatakrishnan, Head of the department, Department of Prosthodontics**, on the study title **“Use Of Digitaltechnology In Prosthodontic Clinical Practice among Prosthodontists in Tamilnadu and Pondicherry- A Questionnaire Survey”**.

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study

- No comments were made by the committee

4. The 4th presentation was by **Dr. Kanmani A First Year MDS**, under the guidance of **Dr. C.J. Venkatakrishnan, Head of the department, Department of Prosthodontics** on the study title **“Practice Related Questionnaire Regarding Prosthodontic Management of Postsurgical Mucormycosis Patients among Prosthodontist in Tamilnadu And Pondicherry”**.

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- To validate the title of the Questionnaire.

5. The 5th presentation was by **Vethika K CRRI** , under the guidance of **Dr.Soundarya, Senior Lecturer, Department of Public Health dentistry** on the study title **“Cheiloscopy and Molar relationship among Dental students in Chennai City”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- Not to mention as Chennai city.
- To change the title to “Young adults”
- To add purpose of the study in Participants sheet (To reform the patient info sheet)
- Recalculate sample size

6. The 6th presentation was by **Vivedha R CRRI**, under the guidance of **Dr.Kumararaja B., Senior Lecturer, Department of Public Health dentistry**, on the study title **“Knowledge And Attitude About Teledentistry Among Dental College Students In Chennai City”**

- No comments were made by the committee

7. The 7th presentation was by **Anjali Vijayan CRRI** , under the guidance of **Dr.B.Tamilzhesai, Senior Lecturer, Department of Prosthodontics** on the study title "**Knowledge, Attitude And Practice In CRRI Students Of Chennai Dental Colleges About The Usage Of Interdental Aids After Crown Placement In Patient.**"

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- To Change topic title

8. The 8th presentation was by **Vasanthan R.M. CRRI** , under the guidance of **Dr.Soundarya, Senior Lecturer, Department of Public Health dentistry** on the study title "**Association between dermatoglyphics and dental caries among children.**"

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- To include children between 15 to 16 years
- To change Mentally Retarded to Differently abled children
- To remove chemotherapy from Exclusion Criteria
- To get suggestions from Forensic scientists
- To reform consent form.
- To change statistical test used in the study.

9. The 9th presentation was by **Sumaiya Fathima T. CRRI** , under the guidance of **Dr. Vaishnavi, Head Of The Department, Department Of Public Health Dentistry** on the study title "**Influence of Socioeconomic status on behavioral problems of 11-13 years old school going children in Chennai.**"

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study

- Co-relation of "Oral hygiene" to socio economic status.
- To be carried to the next Ethics committee Meeting after member discussion.

10. The 10th presentation was by **Sutha Manchari CRRI** , under the guidance of **Dr. Vaishnavi, Head Of The Department, Department Of Public Health Dentistry**, on the study title **“Perception of dental and engineering students towards online food delivery system’.**”

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- To be carried to the next Ethics committee Meeting after member discussion.

11. The 11th presentation was by **P. Aarthi CRRI**, under the guidance of **Dr. Jacob Mathew Philip., Reader, Department of Prosthodontics**, on the study title **“Anxiety in patients attending a dental college clinic”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- To change the title (Anxiety of Patients undergoing FPD)
- Inclusion criteria and Exclusion criteria to be changed.
- To mention what statistical analysis to be used.

12. The 12th presentation was by **Bhargavi T CRRI** , under the guidance of **Dr.S.Balagopal, Professor and Head Of The Department, Department Of Conservative Dentistry And Endodontics**, on the study title **“Efficacy Of Indian Herbal Oils In Disinfection of Gutta Percha Cones And Their Effect On Tensile Strength before Obturation- An Invitro Study”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- Possibility of changing docking area to Chennai.
- To add Guide and Co Principal investigator.

13. The 13th presentation was by **Dr.Bhuvanaeshwari B.**, on the study title **“Estimation of methanogenic archaea in subgingival plaque samples of type 2 diabetes mellitus patients and non diabetic subjects with and without periodontitis: a microbiological study.”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- To change Men and Women to “Adults”
- Discussion of usage of use of probiotics and prebiotics exclusion in the study .Discussion on sample size ,collection and cost.

14. The 14th presentation was by **Rithika Sri CRRI** , under the guidance of **Dr. Sindhu. P, Senior Lecturer, Department Of Oral Medicine And Radiology** on the study title “**Correlation between Introvertism, Extrovertism personality trait and Deleterious habit history, Oral Hygiene Index and Lesions prevalence- A Cross Sectional study**”

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- To remove Anti Anxiety drugs; change to psycatric medication.
- To recheck Tamil translation of questionnaire.

15. The 15th presentation was by **Thilak Raj CRRI**, under the guidance of **Dr.Kumararaja B., Senior Lecturer, Department of Public Health dentistry**, on the study title “**Knowledge Of Human Monkey Pox Viral Infection Among Dental College Students In Chennai City: A Cross-Sectional Study.**”

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- To revise the questionnaire.
- To validate the questionnaire(Microbiologist, Epidemologist, General physician)
- To change the topic “viral infection”..
- To change Yes /NO options to MCQs

16. The 16th presentation was by **Dr. Sindhu P, Senior Lecturer, Department of Oral Medicine and Radiology** on the study title “**“Efficacy of phytochemicals derived from Pavazhamalli kudineer (Sidha herb) on NF - kappa b and NLRP3 inflammasome pathway in radiation induced oral mucositis - An Insilico study.”**”

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study

- No comments were made by the committee.

17. The 17th presentation was by **Jeyamitha R CRRI**, under the guidance of **Dr.K.Balaji, Professor and Head Of The Department, Department Of Orthodontics and Orthopaedics**, on the study title **“Perception Of Smile Aesthetics As Influenced By Connectors Variation”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study

- Change the topic title (Relevance for Non Orthodontic personnel)

18. The 18th presentation was by **Kalki Priya A. CRRI**, under the guidance of **Dr.P .Deepak, Senior Lecturer, Department Of Orthodontics and Orthopaedics**, on the study title **“Estimation of prevalence of different periodontal conditions amongst individuals visiting the department of Periodontics – TDCH : a retrospective study.”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study

- No comments were made by the committee

19. The 19th presentation was by **Janisha M. CRRI**, under the guidance of **Dr. Mahalakshmi .k, Reader, Department Of Orthodontics and Orthopaedics**, on the study title **“CARBOXYMETHYLCELLULOSE-CHITOSAN - MODIFIED DENTAL ALIGNER PREVENTS THE STREPTOCOCCUS MUTANS BIOFILM FORMATION”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study

- No comments were made by the committee

20. The 20th presentation was by **Gowardhan S. CRRI**, under the guidance of **Dr. Mahalakshmi .k, Reader, Department Of Orthodontics and Orthopaedics**, on the study title **“Measurement of aligner thickness and gap width in two types of clear aligner sheets manufactured using two different thermoforming machines- a Nano CT study”**

- No comments were made by the committee.

21. The 21st presentation was by **Jebaselvi P. CRRI**, under the guidance of **Dr. Shanthini Priya, Senior Lecturer, Department Of Orthodontics and Orthopaedics**, on the study title **"Dental students perception on digital technology in orthodontics"**
The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.
- To add Lateral cephalogram in the Aim of the study.
22. The 22nd presentation was by **Dr. Sswedheni S.U. First Year MDS**, under the guidance of **Dr. Vandana James, Reader, Department Of Conservative Dentistry And Endodontics**, on the study title **"Efficacy of three Indian Herbal extracts against dual species Biofilm and its depth of Penetration as root canal Irrigant - an invitro study"**
The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.
- No comments made from the committee.
23. The 23rd presentation was by **Dr. Badrinath T. First Year MDS**, under the guidance of **Dr. S. Balagopal, Professor and Head Of The Department, Department Of Conservative Dentistry And Endodontics**, on the study title **"ASSOCIATION OF DERMATOGLYPHIC PATTERNS WITH DMFT SCORE, HAMILTON DEPRESSION RATING SCALE (HDRS) AND HAMILTON ANXIETY RATING SCALE (Ham-A) : AN IN-VIVO STUDY"**
The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.
- To remove abbreviation from title.
 - To change title (Remove depression rating scale and anxiety rating scale from the title).
 - Revise topic
24. The 24th presentation was by **Dr. Godlin Jeneta J. First Year MDS**, under the guidance of **Dr. S. Balagopal, Professor and Head Of The Department, Department Of Conservative Dentistry And Endodontics**, on the study title **"RELATIONSHIP BETWEEN ROOT APEX OF MAXILLARY SECOND PREMOLAR, FIRST AND SECOND MOLARS WITH THE MAXILLARY SINUS: A RETROSPECTIVE CBCT ANALYSIS."**
The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.
- No comments were made by the committee.

25. The 25th presentation was by **Kanniammal A CRRI** , under the guidance of **Dr.S.Balagopal, Professor and Head of The Department, Department Of Conservative Dentistry And Endodontics**, on the study title **“Three dimensional analysis of apical constriction and its geometry in maxillary and mandibular first molar using CBCT in different age group”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- No abbreviation in the title.
- Discussion on Materials and Methods.

26. The 26th presentation was by **Anjanaa D, Second Year BDS**, under the guidance of **Dr.B.Tamilzhesai, Senior Lecturer, Department of Prosthodontics**, on the study title **“Lemongrass Essential Oil as a Disinfectant of Dental Impression”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- Title has to be more descriptive and specific regarding dimensional stability.

27. The 27th presentation was by **Anupama Rajeevan Second Year MDS**, under the guidance of **Dr.B.Tamilzhesai, Senior Lecturer, Department of Prosthodontics**, on the study title **“Flexural Strength of Acrylic Resin Plate Stored in Copper Container and Its Antifungal Property on Candida albicans”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- No comments were made by the committee.

28. The 28th presentation was by **Diwakar J. CRRI** , under the guidance of **Dr.S.Balagopal, Professor and Head Of The Department, Department Of Conservative Dentistry And Endodontics**, on the study title **“Evaluating the effect of sweet potato extract and pineapple extract as an additive to two different concentrations of hydrogen peroxide on human enamel: an in vitro spectrophotometric study”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- No comments were made by the committee.

29. The 29th presentation was by **Rakshana N CRRI** , under the guidance of **Dr.Narmadha. N, Senior Lecturer, Department Of Oral Medicine And Radiology**, on the study title “**Comparative study on the efficacy of Omega 3, Vitamin A and Vitamin E in the management of Oral Submucous Fibrosis**”

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- Discussion on type of study.(Non observational study)
- To change exclusion criteria (patient having Oro ulceratic lesion)
- To mention parameters of study, grands of analysis and to add outcome of the study.

30. The 30th presentation was by **Reshma CRRI** , under the guidance of **Dr.Narmadha. N, Senior Lecturer, Department Of Oral Medicine And Radiology**, on the study title “**The role of trancutaneous electric nerve stimulation in the management of temporomandibular joint pain- A prospective study**”

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- To compare with some other modality of treatment.
- To be specific with inclusion criteria.
- To modify /change the topic.

31. The 31st presentation was by **Dr. Shanthini Priya A., Senior Lecturer, Department of Orthodontics and Orthopaedics**, on the study title “**Evaluation of Bis phenol A toxicity associated with Clear aligners and its interaction with melatonin: An in vivo study**”

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- To present in Animal Ethics Committee and get approval.

32. The 32nd presentation was by **Haritha R CRRI** , under the guidance of **Dr. Shanthini Priya A., Senior Lecturer, Department of Orthodontics and Orthopaedics**, on the study title “**Influence of Maxillary Lateral Incisor width on various Malocclusions: a cross sectional study**”

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- No comments were made by the committee.



INSTITUTE ETHICS COMMITTEE TAGORE DENTAL COLLEGE & HOSPITAL

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Dr. C. Saravanan
Chairperson

Dr. S. Balagopal
Member Secretary

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Microbiologist

Mr. J. Raja Samuel
Legal Expert

Dr. Miriam Samuel
Social Scientist

Dr. Crosby Vijayakumar
Lay Person

Rev. D. Sagariya
Religious Head

Date :

Ref. No.: IEC/TDCH/104/2022

Date: 30.09.2022

CIRCULAR

The 24th Institute Ethics Committee Meeting will be held on 27.10.2022 (Thursday) in the Board room Tagore Dental college and Hospital. Study Proposals can be submitted to **Dr.B.Anandh** on or before 17.10.2022 (Monday) to be considered for presentation in the meeting.

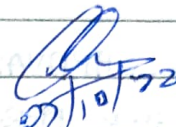

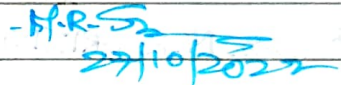

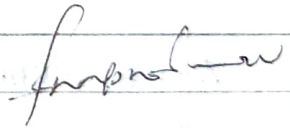
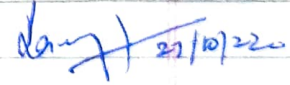
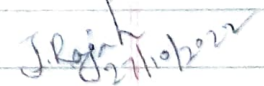


30/9/22

PRINCIPAL

Dr.C.J.VENKATA KRISHNAN, M.D.S., Ph.D.
PRINCIPAL
TAGORE DENTAL COLLEGE & HOSPITAL
RATHINAMANGALAM, VANDALUR POST,
MELAKOTTAIYUR, CHENNAI-600 127.

The 24th Ethics Committee meeting is held on 27/08/2022 at 10.00 am in the Board Room.

The meeting will be chaired by Prof. Dr. C. Saravanan FDS, RCS, Professor, Department of Oral surgery, SRM Dental College & Hospital, Kattankulathur, Chennai - 603203

- 1) DR. C. SARAVANAN
[CHAIR PERSON]  27/10/22
- 2) DR. S. BALAGOPAL
[MEMBER SECRETARY]  27/10/22
- 3) DR. M.R. SRINIVASAN  27/10/2022
- 4) DR. P. MANICKAM  27/10/2022
- 5) DR. GEETHA
- 6) DR. K.B. PRASANNA
- 7) MS. SWAPNA SUNDAR 
- 8) DR. I. KANNAN  27/10/2022
- 9) MR. J. RAJA SAMUEL [Legal Expert]  27/10/2022
- 10) DR. MIRIAM SAMUEL
- 11) DR. CROSBY VIJAYAKUMAR
- 12) Rev. D. SAGARIYA 

Tagore Dental College and Hospital

Minutes – 24th Institute Ethics Committee Meeting – 27-10-2022

The meeting started at 10:30am at the board room, Tagore Dental College with the Principal Dr.C.J.Venkatakrishnan welcoming all the members.

The following members were present in the ethics committee meeting.

1. Dr.C.Saravanan (Chairperson)
2. Dr.C.J.Venkatakrishnan (Principal)
3. Dr.S.Balagopal (Member Secretary)
4. Dr.M.R.Srinivasan
5. Dr.P.Manickam
6. Ms.Swapna Sundar
7. Dr.I.Kannan
8. Mr. I. Raja Samuel
9. Rev. D. Sagariya

There were a total of 35 presentations to be discussed in the meeting.

1. The 1st presentation was by **Ezhil Bharathy CRRI** , under the guidance of **Dr.S.Balagopal, Prof and Head, Department Of Conservative Dentistry And Endodontics**, on the study title **“Evaluating the Depth Of Penetration Of Calcium Hydroxide Mixed With Three Different Herbal Essential Oils Using confocal Laser Scanning Microscopic”**
 - No comments were made by the committee
2. The 2nd presentation was by **Fathima Hazeen Faseena CRRI** , under the guidance of **Dr.S.Balagopal, Prof and Head, Department Of Conservative Dentistry And Endodontics**, on the study title **“Evaluating Of Depth Of Penetration Of Three Different Herbal Irrigants Using Confocal Laser Scanning Microscope ”**
 - No comments were made by the committee

3. The 3rd presentation was by **Pooja Dharshini CRRI**, under the guidance of **Dr. Bhuvanewari, Head of the Department, Department of Periodontics**, on the study title **“Knowledge, Attitude And Practice About Musculoskeletal Disorder Among Malaysian And Indian Dental Student-Multicenter Study”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study

- To narrow down the musculoskeletal disorders to a simpler spectrum of occupational hazard in dentistry.
- Title of the study to be changed.
- To avoid leading Questions.
- Questionnaire needs to be modified and validated
- To involve orthopedic surgeon and occupational therapist in questionnaire development.
- To replace the term final year students as “Final year of the dental graduate curriculum”

4. The 4th presentation was by **Nirmala.S CRRI**, under the guidance of **Dr. Bhuvanewari, Head of the department, Department of Periodontics** on the study title **“Knowledge And Awareness Of Ill Effects Of Smoking In Oral Cavity Among Malaysian And Indian Preclinical Students –A Multicenter Study”**.

- No comments were made by the committee

5. The 5th presentation was by **Nishaali.M.M. CRRI**, under the guidance of **Dr. Juala Catherine MDS Reader, Department of Periodontics** on the study title **“Awareness On The Use Of Complementary And Alternative Medicine In Dentistry –Questionnaire Based Study Among Dental Student In India And Malaysia”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- “CAM” needs to be in full form in the questionnaire.
- Complimentary or alternative systems medicine can be done as separate studies.
- To do study specific to any one form of alternative medicine
- Ambiguity in the questions needs to be reduced.
- To split the questionnaire, first set of questions should test the knowledge of the particular subject, next set on the attitude
- Can be done as a KAP study for dental practitioners.
- Can avoid including students in the study.

6. The 6th presentation was by **M.Pavithra CRRI**, under the guidance of **Dr.Juala Catherine MDS Reader, Department of Periodontics**, on the study title **“Knowledge Attitude And Practice About Music Therapy On Reducing Dental Anxiety Among Indian And Malaysian Dental Student –A Multicenter Study”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- Can remove the name of the dental student in the demographic data.
- Questionnaire needs to be modified and revalidated by experts in the speciality.

7. The 7th presentation was by **Pravina M. CRRI**, under the guidance of **Dr. Juala Catherine MDS Reader, Department of Periodontics** on the study title **"Awareness and Knowledge about Dental Aerosols amongst Indian And Malaysian Dental Student –A Multicenter Study."**

- No comments were made by the committee

8. The 8th presentation was by **J.H. Preetha CRRI** , under the guidance of **Dr. Juala Catherine MDS Reader, Department of Periodontics** on the study title **“Assessment of Knowledge, Awareness Of Passive Smoking And Attitude On Cessation Among Dental Student In India And Malaysia –A Multicentric Study”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- Question no.15 has to be kept in the general section not in oral cavity section.
- Definitions have to be very clear.
- Questionnaire needs to be revalidated

9. The 9th presentation was by **J.H. Preetha CRRI** , under the guidance **Dr. Juala Catherine MDS Reader, Department of Periodontics** on the study title **“Perception Of Dental Student on Impact of Gender During Training And Future Dental Practice Among Indian And Malaysian Dental Student –A Multicentric Study”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study

- Define ‘impact’ in the study title
- Questionnaire needs to be modified and revalidated by Social work experts / Social work Scientists.
- To be submitted at the next Ethics committee Meeting for representation.

10. The 10th presentation was by **Vasantha Bharathy CRRI**, under the guidance of **Dr.A.Hemalatha**, **Senior Lecturer, Department of Oral Pathology**, on the study title **“Prevalence Of Aphthous Stomatitis Or Recurrent Aphthous Ulcers In Dental And Medical Student –Across Sectional Study.”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- Objective – Estimate aphthous ulcers among students whether it's related to stress, association needs to be verified.
- Do a review of literature on aphthous ulcers.
- Title needs to be changed.
- “outbreak” term needs to be removed
- Justify sample size calculation.
- To check standard dental guidelines for management of aphthous ulcers.

11. The 11th presentation was by **Puvitha A. CRRI**, under the guidance of **Dr.Asokan MDS Head Of Department Oral Medicine**, on the study title **“Melatonin Mouth Wash For The Adjunctive Management Of Periodontitis –A Clinical Interventional Study”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- To Compare Chlorhexidine and a placebo in this study.
- Patients with systemic conditions need to be excluded.
- Children to be excluded from the study.
- DCGI/ FDA approval for the use of melatonin in the specified concentration to be used in oral cavity to be submitted.
- Formulation of the melatonin should be more specific.
- The method and usage of melatonin and its monitoring should be more specific.
- To be submitted to the next Ethics committee Meeting for representation.

12. The 12th presentation was by **Rajshree E. CRRI**, under the guidance of **Dr.Balaji MDS Reader Oral Medicine And Radiology** on the study title **“Association Of Carbonated Drinks Intake With Dental Erosion Among Dental Interns”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- Cannot use Cross sectional study design to rule out an association.
- To remove term “association” from the study title.
- Not to exclude Dental Interns who do not consume carbonated drinks.

- To design it as an Observational study by including all interns.
- To define erosion and to define the conditions causing erosion clearly.
- No to include name in the demographic detail.
- To Justify sample size calculation sampling method.
- To mention Inclusion and Exclusion Criteria clearly.
- To be specific about the statistical analysis.
- Participant information sheet and consent form needs to be provided.
- To be submitted to the next Ethics committee Meeting for representation.

13. The 13th presentation was by R.Raghapriya CRRI , under the guidance of Dr.Balaji MDS Reader Oral Medicine And Radiology on the study title “Comparison Of Efficacy Of Honey, Curcumin And Triamcinolone Acetonide(0.1%) On The Healing Of Aphthous Ulcers – A Clinical Study.”

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- To justify sample size calculation and sampling method..
- To change Inclusion criteria
- Study design and methodology needs to be clearly mentioned.
- SPIRIT guidelines and TIDIER template to be followed
- Topical application Methodology needs to be clearly mentioned
- Can be done as a comparative study with Curcumin and honey
- To avoid triamcinolone in the study
- Participant information sheet needs to be provided.
- The method of use of products to be standardized

14. The 14th presentation was by Shrikavi M. CRRI , under the guidance of Dr B. Kumara Raja MDS Senior Lecturer, Department of Public Health Dentistry on the study title “Knowledge And Attitude About Teledentistry Among Indian And Malasiyan Dental College Students : A Cross Sectional Comparative Study ”

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- Questionnaire needs to be modified and revalidated

15. The 15th presentation was by **Shrikavi M. CRRI**, under the guidance of **Dr. Karthika S. Senior Lecturer, Department Of Paediatric And Preventive Dentistry**, on the study title **“Effectiveness Of Different Play Therapy Interventions in Alleviating Dental Anxiety Among Children Among 5 To 8 Years”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- To justify the use of VAS in a child.
- To avoid using short forms.
- To standardize the treatment methods
- “Anxiety” to be clearly defined and mention how to measure in children.
- Thorough review of literature to be done and submitted in the references.
- To include opinion from Child Psychiatrist / Psychologist in the study
- To justify the sample size calculation.
- To explain the children about the procedure in the 1st visit
- Title needs to be changed.
- Participant information sheet, Assent form for children, Consent form from parents to be submitted.

16. The 16th presentation was by **Ramya M. CRRI**, under the guidance of **Dr. Sindhu P., M.D.S Senior Lecturer, Department Of Oral Medicine And Radiology** on the study title **“Prevalence Of Styloid Process Elongation And The Type Of Elongation Among Tertiary Care In Dental Hospital In Chengalpattu District Using Digital Orthopantomograph.”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study

- To justify the primary objective and other objectives clearly
- To justify the sampling method
- Study Methodology can be changed to study all the OPGs in one period of time
- “Definitions” of Elongated Styloid process needs to be clearly mentioned
- Participant details needs to be masked

17. The 17th presentation was by **Sharmila E. CRRI** under the guidance of **Dr. Ramesh V. Department of Pediatric and Preventive Dentistry**, on the study title **“Effectiveness of 2 Different Methods of Awareness Campaign on Early Childhood Caries: Conventional Pamphlets vs Social Media Campaign”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study

- To provide Educational information or videos for people joining the groups
- To justify the security/ privacy of the identity of the people and their mobile number
- The Rationale for the study and a note on review of the study patients should be added.
- To describe all the methodology clearly in the study protocol
- Effectiveness and outcome measure has to be clearly mentioned
- To include a behavioral scientist in the study
- The Primary objective to be defined clearly , and other objectives should be listed out
- To be done as an “intervention study” in the community or as “field trial” to compare the best method of reaching the community
- Can be done as an “orientation or education” event for awareness on Early Childhood Caries to avoid random people in the study groups

18. The 18th presentation was by **Dr.Shobana C.S. MDS, Reader, Department Of Conservative dentistry** , on the study title **“Evaluation Of Reproducibility And Repeatability Of Electri Pulp Test In Healthy Adult Permanent Teeth – An Observational Longitudinal Study.”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study

- The study methodology and statistical analysis needs to be clearly mentioned
- Informed consent form needs to be attached
- Participant information sheet needs to be attached
- Rationale for the study needs to be justified.
- To provide compensation for the healthy persons to come for the repeated reviews.

19. The 19th presentation was by **Aishwarya K. CRRI**, under the guidance of **Dr. Narasimman, Reader, Department Of Prosthodontics**, on the study title **“A Study On The Association Between Maxillary Sinus Septa And Maxillary Sinus Mucosal Thickening Using Cone Beam Computed Tomography Before Sinus Floor Elevation Surgery”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study

- To include an ENT Journal in the references to support maxillary sinusitis and septae involvement
- To submit a MOU from the Diagnostic Centre
- To remove the terminologies on consent form and informed consent
- To do changes in the inclusion criteria
- Primary and secondary objectives to be clearly mentioned
- Can be done as a Retrospective Study during a certain period in time

20. The 20th presentation was by **Shreeyan Nair M.N. CRRI**, under the guidance of **Dr.R.Jayaprakash Department Of Pediatric And Preventive Dentistry**, on the study title **“Determination Of Changes In The Ph Value Of Various Commercially Available Calcium Hydroxide+ Iodoform Pastes In Different Time Periods And Storage Temperatures – Invitro Study”**

- No comments were made by the committee.

21. The 21st presentation was by **Deepika Barathi M.**, under the guidance of **Dr.S. Balagopal MDS, M.Sc. , Professor & Hod Department Of Conservative Dentistry And Endodontics**, on the study Title **“Comparison Of Antimicrobial Efficacy Of Essential Oils Origanum Vulgare [Karpooravalli] And Chrysopogon Zizaiodes[Vetiver] Against Lactobacillus Caecl,Rhamnosus, Streptococcus Mutans And Prevotella Intermedia –An In Vitro Study”**

- No comments were made by the committee.

22. The 22nd presentation was by **Bharany Malavika J. CRRI**, under the guidance of **Dr.Bhuvanewari, Head of the department, Department of Periodontics**, on the study title **“Knowledge, Attitude And Awareness Of Dental Students About Polishing After Scaling Procedure Among Malaysian And Indian Dental Students Multicentre Study”**

- No comments were made by the committee.

23. The 23rd presentation was by **Sethusree G. CRRI**, under the guidance of **Dr. Ramesh V Department of Pediatric and Preventive Dentistry**, on the study title “**Knowledge and Practice of Dental Practitioners and Students about Viewing Criteria for Dental Radiograph**”

- No comments were made by the committee.

24. The 24th presentation was by **DeepakRaj J.CRRI**, under the guidance of **Dr.S.Balagopal, Professor and Head Of The Department, Department Of Conservative Dentistry And Endodontics**, on the study title “**Knowledge Of Tooth Avulsion And Its Emergency Management Among Physical Education Teachers In Chengalpattu**”

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- Title of the study to be changed
- To do as a study on the curriculum of teachers to identify their knowledge about teeth injuries in school children

25. The 25th presentation was by **Priya S. CRRI**, under the guidance of **Dr. Juala Catherine MDS Reader, Department of Periodontics**, on the study title “**Knowledge And Awareness Of Gingival Veneer Prosthesis Among Indian And Malaysian Dental Student –A Multicenter Study**”

- No comments were made by the committee.

26. The 26th presentation was by **Jananee Bharkavi N. CRRI**, under the guidance of **Dr.Parameshwaran T M MDS, Senior Lecturer, Department of Orthodontics and Dentofacial Orthopedics**, on the study title “**Pressure Differences In Clear Aligner With Three Different Trim Lines –An In Vitro Study**”

- No comments were made by the committee.

27. The 27th presentation was by **Gokula Priya R. CRRI**, under the guidance of **Dr.Parameshwaran T M MDS, Senior Lecturer, Department of Orthodontics and Dentofacial Orthopedics**, on the study title “**Effect Of Aligner Thickness And Malocclusion On Force Delivery –An In Vitro Study**”

- No comments were made by the committee.

28. The 28th presentation was by **V.A.M.Gayathri CRRI** , under the guidance of **Dr.S.Balagopal, Professor and Head Of The Department, Department Of Conservative Dentistry And Endodontics**, on the study title **“Comparison Of Antimicrobial Efficacy Of Essential Oils Melaleuca Alternifolia (Tea Tree) And Cinnamomum Cassia (Cinnamon) Against Lactobacillus Casei, Rhamnosus, Streptococcus Mutans And Prevotella Intermedia : An In-Vitro Study”**
- No comments were made by the committee.
29. The 29th presentation was by **Ashwini D. CRRI**, under the guidance of **Dr.S.Balagopal, Professor and Head Of The Department, Department Of Conservative Dentistry And Endodontics**, on the study title **“Evaluation Of Surface Changes On Guttapercha Points After Disinfection Using Indian Herbal Oils At Two Different Time Intervals – A Scanning Electron Microscope Study”**
- No comments were made by the committee.
30. The 30th presentation was by **Bakyalakshmi V. CRRI** , under the guidance of **Dr.S.Balagopal, Professor and Head Of The Department, Department Of Conservative Dentistry And Endodontics**, on the study title **“Comparative Evaluation Of Surface Roughness And Surface Tension Of Three Nanofilled Resin Based Dental Composites After Polishing – An Invitro Study”**
- No comments were made by the committee.
31. The 31st presentation was by **Balaji S.A. CRRI** , under the guidance of **Dr.S.Balagopal, Professor and Head Of The Department, Department Of Conservative Dentistry And Endodontics** on the study Title **“Comparative Evaluation Of Contact Angle And Surface Morphology In Three Different Filled Resin Based Dental Composites After Polishing – An Invitro Study.”**
- No comments were made by the committee.
32. The 32nd presentation was by **Ayisha M. CRRI**, under the guidance of **Dr.S.Balagopal, Professor and Head Of The Department, Department Of Conservative Dentistry And Endodontics**, on the study title **“Evaluation Of Microhardness And Surface Roughness Of Two Nanofilled Resin Based Dental Composites – An Invitro Study”**
- The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.
- Both the top and bottom layers of the composites to be assessed
 - Comparison to be done between them

33. The 33rd presentation was by **Dr.Jedidiah Fredrick Abisheg Britto DEPARTMENT OF OMFS,** on the study title **“Sitting and Standing Dentistry: Prevalance Among Dentist – A Prevalence Study”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- Questionnaire needs to be validated

34. The 34th presentation was by **Avinash Moorthi K. CRRI,** under the guidance of **Dr Rajesh Raman, M.D.S Senior Lecturer Department Of Orthodontics,** on the study title **“Survey On Orthodontic Awareness Among Tagore Medical & Paramedical Students – A Questionnaire Study”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- Questions need to be re-modified and validated

35. The 35th presentation was by **Sunil Kumar.M CRRI,** under the guidance of **Dr. Navin Bharathy M, Senior Lecture, Department Of Prosthodontics,** on the study title **“Assessment Of Knowledge ,Attitude ,Awareness Of Ergonomics Disorder Among Dental Students In Chennai City”**

The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- Title needs to be changed
- Can be done as a KAP Study



INSTITUTE ETHICS COMMITTEE TAGORE DENTAL COLLEGE & HOSPITAL

Recognized by The Dental Council of India, New Delhi

Affiliated to The Tamilnadu Dr. M.G.R. Medical University, Chennai.

Rathinamangalam, Melakkottaiyur P.O., Chennai-600 127. Ph : 044 - 30102222, Ext : 228/230

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Chairperson

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Member Secretary

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Clinician

Dr. P. Manickam
Scientist - D; NIE

Dr. Geetha
Pharmacologist

Dr. K.B. Prasanna
Clinician

Ms. Swapna Sundar
Legal Expert

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Microbiologist

Mr. J. Raja Samuel
Legal Expert

Dr. Miriam Samuel
Social Scientist

Dr. Crosby Vijayakumar
Lay Person

Rev. D. Sagariya
Religious Head

Date :

Ref. No.: IEC/TDCH/001/2023

Date: 04.01.2023

CIRCULAR

The 25th Institute Ethics Committee Meeting will be held on 31.01.2023 (Tuesday) in the Board room Tagore Dental college and Hospital. Study Proposals can be submitted to **Dr.B.Anandh** on or before 23.01.2023 (Monday) to be considered for presentation in the meeting.

MEMBER SECRETARY

MEMBER SECRETARY
INSTITUTE ETHICS COMMITTEE
TAGORE DENTAL COLLEGE & HOSPITAL
CHENNAI-600 127

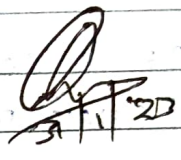
PRINCIPAL

DR. J. VENKATA KRISHNAN, M.D.S., Ph.D.
RATHINAMANGALAM, VANDALUR POST,
MELAKKOTTAIYUR, CHENNAI-600 127.
TAGORE DENTAL COLLEGE & HOSPITAL

The 25th Ethics Committee meeting is held on 31/01/2023 at 10.00 am in the Board Room

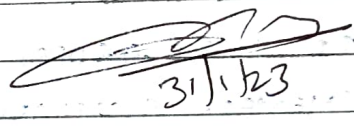
The meeting will be chaired by Prof. Dr. C. Saravanan FDS, RCS, Professor, Department of Oral Surgery, SRM Dental College and Hospital, Kattankulathur, Chennai - 603203

1. Dr. C. SARAVANAN
[CHAIR PERSON]



31/1/23

2. Dr. S. BALAGOPAL
[MEMBER SECRETARY]

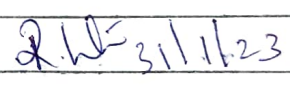


31/1/23

3. Dr. M. R. SRINIVASAN

4. Dr. P. MANICKAM

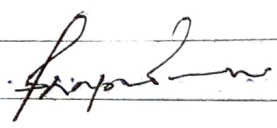
5. Dr. GEETHA




31/1/23

6. Dr. K. B. PRASANNA

7. Ms. SWARNA SUNDAR

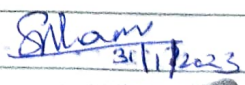


8. Dr. I. KANNAN



9. Ms. J. RAJA SAMUEL [Legal Expert] J. Rajah

10. Dr. MIRIAM SAMUEL



31/1/2023

11. Dr. CROSBY VIJAYAKUMAR

12. Rev. D. SAGARIYA



Tagore Dental College and Hospital

Minutes – 25th Institute Ethics Committee Meeting – 31-01-2023

The meeting started at 10:30am at the board room, Tagore Dental College with the Chairperson Dr.C.Saravanan , Welcoming all the members.

The following members were present in the ethics committee meeting.

1. Dr.C.Saravanan (Chairperson)
2. Dr.S.Balagopal (Member Secretary)
3. Ms.Swapna Sundar
4. Dr.Miriam Samuel
5. Dr.I.Kannan
6. Dr.Geetha
7. Dr.T.M.Balaji
8. Mr. I. Raja Samuel
9. Rev. D. Sagariya

There were a total of 22 Presentations to be discussed in the meeting.

1. The 1st presentation was by **Monisha N.C. CRRI** , under the guidance of **Dr.R.Riaz, Prof and Head, Department of Oral and Maxillofacial Surgery**, on the study title “Knowledge And Practice Among Dental Students Regarding Physics Forceps”

The following comments were observed by the committee.

- To include only interns
- To do as a multicentric study
- Questionnaire needs to be modified
- Sampling procedure needs to be mentioned

2. The 2nd presentation was by **Lakshayaa C.M.S., Malarvizhi CRRI** , under the guidance of **Dr.R.N.Balakrishna, Reader, Department of Oral and Maxillofacial Surgery**, on the study title “Antimicrobial Activity Of Aloe Vera And Cucumber Extract Against Enterococcus Faecalis And Candida Albicans – In Vitro Study”

- No comments were made by the committee

3. The 3rd presentation was by **Kanmani CRRI** , under the guidance of **Dr.B.Anandh,Reader, Department of Oral and Maxillofacial Surgery**, on the study title “Antimicrobial Activity Of Black Cumin And Guava Leaves Extract Against Streptococcus Mutans And Staphylococcus Aureus – In Vitro Study”

- No comments were made by the committee

4. The 4th presentation was by **Maria Selva Vivetha CRRI**, under the guidance of **Dr.B.Anandh,Reader, Department of Oral and Maxillofacial Surgery** on the study title “Knowledge And Practice Among Dental Students Regarding Maxillary Tuberosity Fracture”
The following comments were observed by the committee.

- Sampling methodology
- Statistical analysis needs to be mentioned
- Scoring methods needs to be mentioned

5. The 5th presentation was by **Karthikeyan A. CRRI** , under the guidance of **Dr.R.N.Balakrishna, Reader, Department of Oral and Maxillofacial Surgery** on the study title “Awareness Among Dental Students About Applications Of TENS In Dentistry”

The following comments were observed by the committee.

- Title TENS needs to be elaborated
- Statistical analysis needs to be mentioned
- Sampling methodology needs to be mentioned
- Scoring method needs to be mentioned

6. The 6th presentation was by **Monisha P CRRI**, under the guidance of **Dr.Vaishnavi, Reader, Department of Public Health Dentistry**, on the study “Effectiveness Of School-Based Dental Health Education On Emergency Management Of Dental Trauma And Tooth Avulsion Among School Teachers In Chennai”

The following comments were observed by the committee.

- To do changes in demographic details- Avoid primary or secondary teacher, private or government teacher.
- Title need to be changed

7. The 7th presentation was by **J.M Bhuvaneshwari CRRI**, under the guidance of **Dr. Soundarya MDS Senior Lecturer, Department of Public Health Dentistry** on the study title “Perception About Self-Medication Practices For Oral Health Problems Among General Population Of Chennai City, India”.

The following comments were observed by the committee.

- Questionnaire needs to be reprepared and validated.
- Can be done in the patients attending Tagore dental college.
- Definition of oral health problems, self medications, etc needs to be clearly defined.
- To have area of study as Tagore dental college.

8. The 8th presentation was by **Sarojini M.S. CRRI** , under the guidance of **Dr.H. Kalpana, MDS Senior Lecturer, Department of Pedodontics** on the study title “Assessment Of Parental Awareness On Initial Decalcification And Practice Of Oral Health Care Of Children Aged 1-6 Years – A Cross-Sectional Study.”

The following comments were observed by the committee.

- To do changes in the questionnaire.
- To ask educational status of the parents / primary care giver of the Child.

9. The 9th presentation was by **Akash V. CRRI** , under the guidance **Dr. Anand MDS Senior Lecturer, Department of Prosthodontics** on the study title “Evaluation Of Awareness And Attitude On Dental Implant Therapy Among Patients Visiting Private Teaching Dental Hospital”

The following comments were observed by the committee.

- To do changes is title –remove private
- Age criteria needs to be changed
- Questionnaire needs to be modified and validated
- Title needs to be changed
- Study methodology needs to be changed
- The various treatment options needs to be explained then the choice of treatment to be recorded.

10. The 10th presentation was by **Subash M CRRI** , under the guidance of **Dr.A.Hemalatha ,Senior Lecturer , Department of Oral Pathology** ,on the study title “Odontometric Analysis Of Permanent Maxillary Premolars For Gender Determination In Chennai Population”

The following comments were observed by the committee.

- Objectives needs to be specific and clearly mentioned

11. The 11th presentation was by **Aishwarya ravi Final year BDS**, under the guidance of **Dr.Tamilzhesai, MDS Senior Lecturer, Department of Prosthodontics**, on the study title “Isolation And Screening Of Actinomycetes From Marine Sediments For Their Potential To Produce Antifungal And Antimicrobial Effects”

The following comments were observed by the committee.

- Title needs to be changed to reflect the objective of the study.
- Objective needs to be clearly mentioned
- To be done as a pure invitro study

12. The 12th presentation was by **Sumaiya Fathima T. CRRI** , under the guidance of **Dr.S.Vaishnavi MDS Reader Department of Public Health Dentistry** on the study title “Knowledge And Attitude

Regarding Third Hand Smoking Among Non-Smokers Attending Dental Outreach Programs In Chennai”

The following comments were observed by the committee.

- History of smoking can be included
- Demographic details to be included
- To include smokers and non smokers

13. The 13th presentation was by **Stavan CRRI** , under the guidance of **Dr.Saikrishna MDS Professor and Head of Department Oral Pathology** on the study title “Knowledge Among Dental Students Regarding Forensic Odontology In Chennai “

The following comments were observed by the committee

- Title needs to be Changed
- Questionnaire need to be modified
- Inclusion criteria needs to be modified

14. The 14th presentation was by **Sugumari .V CRRI** , under the guidance of **Dr.A.Hemalatha ,Senior Lecturer , Department of Oral Pathology** on the study title “Study Of Micronuclei In Smoker And Non Smoker – An Observational Study”

The following comments were observed by the committee.

- Objective needs to be changed
- Definition of the smoker ,non smoker, alcoholic has to be mentioned
- To include everyone in the study not to exclude alcoholics
- To do changes in study methodology to do study in tobacco users and non users.

15. The 15th presentation was by **Bhavan Kumar .V CRRI** , under the guidance of **Dr. R. Jayaprakash Professor And Head of Department Of Paediatric And Preventive Dentistry**, on the study title “The Evaluation Of Fracture Resistance Of Endodontically Treated Teeth Restored With Conventional Resin Composite And Pre-Polymerized Composite : An In-Vitro Study”

- No comments were made by the committee

16. The 16th presentation was by **Krithika A. CRRI**, under the guidance of **Dr.R.Riaz, Prof and Head, Department of Oral and Maxillofacial Surgery** on the study title “Knowledge, Attitude, And Practice Of Dental Indemnity Policy Among Dental Postgraduates And Dental Surgeons In Tamil Nadu, India”

The following comments were observed by the committee.

- Questionnaire needs to be in KAP format
- Scoring needs to be included
- To include only dental surgeons ,exclude post graduates
- Title need to be changed

17. The 17th presentation was by **Ragha priya R. CRRI** under the guidance of **Dr.Angelin Teena MDS Senior Lecturer Department of Oral Medicine And Radiology**, on the study title “Estimating The Prevalence And Various Types Of Bifid Mandibular Canal In The Rural Population In India Using Digital OPG : A Retrospective Study”

The following comments were observed by the committee

- Title need to be changed
- Sampling method can be removed
- Age criteria, to include only adults

18. The 18th presentation was by **Krishnapriyaa R. CRRI**, under the guidance of **Dr.R.Riaz, Prof and HOD, Department of Oral and Maxillofacial Surgery**, on the study title “Awareness Among Dental Students About Risk Of Developing TMJ Disorders After Third Molar Extraction.”

The following comments were observed by the committee.

- Study area to be mentioned clearly
- Study can be done in interns
- Questionnaire needs to be restructured in KAP format and validated

19. The 19th presentation was by **P. Kamil Haneef CRRI** , under the guidance of **Dr.Lokesh, Professor, Department of Oral and Maxillofacial Surgery**, on the study title ”Comparative Study Of Submucosal Tramadol And Ketorolac Application For Assessment Of Postoperative Pain After Third Molar Surgery”

The following comments were observed by the committee.

- Change the title add local administration
- Change objectives accordingly
- To do changes in exclusion criteria to mention as ASA III
- Add Difficulty index to compare between two groups
- To include cases which require flap elevation and bone removal to standardize case selection.

- Measurement of swelling has to be done before the procedure, after the procedure and third and seventh day
- Age group 18 yrs to 30 years

20. The 20th presentation was by **S.Sivaranjini CRRI**, under the guidance of **Dr.H. Kalpana, MDS Senior Lecturer, Department of Pedodontics**, on the study title “Assessment Of Parental Awareness On Premature Loss Of Primary Teeth – A Cross Sectional Study”
The following comments were observed by the committee.

- Definition needs to be more clear

21. The 21st presentation was by **A.Puvitha CRRI.**, under the guidance of **Dr.Asokan, MDS, Professor & HOD, Department Of Oral Medicine and Radiology**, on the study title “0.01% Melatonin Mouth Wash For The Adjunctive Management Of Periodontitis : A Clinical Interventional Study”

- No comments were made by the committee.

22. The 22nd presentation was by **Rajshree E CRRI**, under the guidance of of **Dr.Angelin Teena MDS Senior Lecturer Department of Oral Medicine And Radiology**, on the study title “Evaluating The Prevalance And Risk Factors Of Carbonated Drinks Associated Dental Erosion Among Dental Students – A Case Control Study”

- No comments were made by the committee.



INSTITUTE ETHICS COMMITTEE

TAGORE DENTAL COLLEGE & HOSPITAL

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E-mail : ethics@tagoredch.in | Website : www.tagoredentalcollege.com

Dr. C. Saravanan
Chairperson

Dr. S. Balagopal
Member Secretary

Dr. M.R. Srinivasan
Clinician

Dr. P. Manickam
Scientist - D, Nie

Dr. Geetha
Pharmacologist

Dr. K.B. Prasanna
Clinician

Ms. Swapna Sundar
Legal Expert

Dr. I. Kannan
Microbiologist

Mr. J. Raja Samuel
Legal Expert

Dr. Miriam Samuel
Social Scientist

Dr. T.M. Balaji
Clinician

Rev. D. Sagariya
Religious Head

Date :

Ref. No.: IEC/TDCH/048/2023

Date: 29.04.2023

CIRCULAR

The 26th Institute Ethics Committee Meeting will be held on
04.05.2023 (Thursday) in the Board room, Tagore Dental college and
Hospital. Study Proposals can be submitted to Dr.R.Anandh on or before
28.04.2023 (Friday) to be considered for presentation in the meeting.


20/4/23
MEMBER SECRETARY

MEMBER SECRETARY
INSTITUTE ETHICS COMMITTEE
TAGORE DENTAL COLLEGE & HOSPITAL
CHENNAI-600.127


20/4/23
PRINCIPAL

Dr.C.J.VENKATA KRISHNAN, M.D.S., Ph.D.,
PRINCIPAL
TAGORE DENTAL COLLEGE & HOSPITAL
RATHINAMANGALAM, VANDALUR POST,
MELAKOTTAIYUR, CHENNAI-600 127.

The 26th ethics committee meeting is held on 04/05/2023 at 10:00 am in the board room. The meeting will be chaired by Dr. V Anand Kumar, MDS, Professor, Department of Prosthodontics, Sriramachandra Dental college and hospital, Chennai.

1. Dr. V. Anand Kumar.
[CHAIR PERSON]

[Signature]
4/5/2023

2. Dr. S. BALAGOPAL
[Member Secretary]

[Signature]
4/5/2023

3. Dr. M. R. SRINIVASAN

M.R. S
4/5/2023

4. Dr. P. MANICKAM

MP
4/5/23

5. Dr. GEETHA

R. G
4/5/23

6. Dr. K. B. PRASANNA

7. Ms. SWAPNA SUNDAR

[Signature]

8. Dr. I. KANNAN

9. Mr. J. RAJA SAMUEL [Legal expert]

J. Raja

10. Dr. MIRIAM SAMUEL

Miriam
4/5/2023

11. Dr. T. M. BALAJI

Balaji

12. Rev. D. SAGARIYA

[Signature]

Tagore Dental College and Hospital

Minutes – 26th Institute Ethics Committee Meeting – 04-05-2023

The meeting started at 10:30am at the board room, Tagore Dental College with the Principal Dr.C.J.Venkatakrishnan, Welcoming all the members and felicitating the New Chairperson Dr.V.Anand Kumar, Professor, Faculty of Dental Science, Sri Ramachandra Dental College and Hospital.

The following members were present in the ethics committee meeting.

1. Dr.V.Anand Kumar (Chairperson)
2. Dr.S.Balagopal (Member Secretary)
3. Dr.M.R.Srinivasan
4. Dr.Manickam
5. Ms.Swapna Sundar
6. Dr.Miriam Samuel
7. Dr.I.Kannan
8. Dr.Geetha
9. Dr.T.M.Balaji
10. Mr. I. Raja Samuel
11. Rev. D. Sagariya

1. The 1nd presentation was by **Dr.Suchithra Devi, I year MDS** under the guidance of **Dr.Vandana James, M.D.S, Professor, Department of Conservative Dentistry and Endodontics**, on the study title “Comparing the efficiency of two plant proteases papain and bromelain in chemomechanical caries excavation –an in vivo study”

The following comments were made by the committee:

- Title needs to be changed.
 - Can be done as Phase I and Phase II studies.
 - Phase I study can be completed using the products available in the market.
 - Safety efficiency and other side effects to be documented completely.
 - Can be done as phase I study in extracted teeth.
 - Phase II approval can be given after the perusal of submitted phase I results.
 - The effect of chemo mechanical caries removal and the patient management after that has to be clearly mentioned.
2. The 2nd presentation was by **Dr.Richwana S.T , I year MDS** under the guidance of **Dr.Balagopal.S MDS.,M.Sc, Professor and Head of the Department of Conservative Dentistry and Endodontics**, on the study title “Comparative evaluation of mineralisation potential of three different bioceramic sealers and their biocompatibility using human gingival fibroblast cells – an invitro study”
 - No comments were given by the committee

3. The 3rd presentation was by **Dr.Arun Divakar, I year MDS** under the guidance of **Dr.R.Riaz, Professor and Head of the, Department of Oral and Maxillofacial Surgery** on the study title “A Randomized Clinical Study To Compare The Conventional Mini Plates And 2- Dimensional V Plate In The Fixation Of Mandibular Fracture.”

The following comments were made by the committee:

- Title needs to be changed.
- To follow SPIRIT guidelines.
- Objective of the study needs to be written clearly.
- It's an “Observational Study.”
- Methodology needs to be clearly written.
- Sample size justification is needed.
- References to be provided adequately.
- Participant information sheet has to be complete.
- Randomization of the participants to be justified.

4. The 4th presentation was by **Dr.Aasma S., I year MDS** under the guidance of **Dr.R.Riaz, Professor and Head of the, Department of Oral and Maxillofacial Surgery** on the study title “Comparing the efficacy of two different techniques in submental intubation – a randomised control study.”

The following comments were observed by the committee:

- Title needs to be changed.
- Patient informed consent and participation information sheet to be provided clearly.
- Can be done as a pilot study to document the benefits/risks.
- Can be done as an animal study after approval from Animal Ethics Committee.
- To follow SPIRIT guidelines.
- Reference to be provided adequately.
- To get the “New Device” approval/patent from Government of India in “New Device Registry.”
- Objectives to be clearly mentioned.
- Randomization to be justified.
- Provide clear statistical analysis.

5. The 5th presentation was by **Dr.Surya N.G., I year MDS** under the guidance of **Dr.C.J.Venkatakrishnan,MDS.,PhD.,Professor and Head of the Department of Prosthodontics and Crown and Bridge**, on the study “Comparison Of Accuracy Between Dynamic Navigation And Static Surgical Guide For Dental Implant Placement – An Invitro Study.”

The following comments were observed by the committee.

- Invitro study.
- No comments given by the committee.

6. The 6th presentation was by **Dr.Yogesh Kumar M., I year MDS** under the guidance of **Dr.Venkatakrishnan,MDS.,PhD., Professor and Head of the Department of Prosthodontics and Crown**

and Bridge on the study title “Influence Of Screw Insertion Torque On Implant Abutment Misfit In Implant With Internal Hex Connection – An In Vitro Study.”

The following comments were observed by the committee.

- Invitro study.
- No comments given by the committee.

7. The 7th presentation was by **Dr.Daffy Jacentha P., I year MDS** under the guidance of **Dr.K.Balaji, MDS Professor and Head of the Department of Orthodontics and Dentofacial Orthopaedics** on the study title “Adaptivity Changes In Direct Printed And Thermoformed Aligners Using Scanning Electron Microscope.”

The following comments were observed by the committee.

- Primary objective of the study needs to be clearly mentioned.
- Methodology has to be rewritten accordingly.
- Observational study not an experimental study.
- Informed consent and participant information sheet to be complete.
- The analysis plan is not clearly mentioned.
- Sample size calculation needs to be justified.
- To have 2 sets of patients based on DPA and TFA.

8. The 8th presentation was by **Dr.Subashree R., I year MDS** under the guidance **Dr.K.Balaji, MDS ,Professor and Head of the Department of Orthodontics and Dentofacial Orthopaedics** on the study title “Biological Basis Of Orthodontic Tooth Movement With Fixed Orthodontic Treatment And Clear Aligners – An In Vivo Study”

The following comments were observed by the committee.

- Title needs to be changed.
- Primary objective needs to be clearly mentioned.
- Age criteria to be clearly mentioned.
- Review literature is not adequate.
- Participant information sheet to be provided adequately.

9. The 9th presentation was by **Dr.Pratheeba, I year MDS** under the guidance of **Dr.Balagopal S. MDS.,M.Sc, Professor and Head of the Department of Conservative Dentistry and Endodontics**, on the study title “Comparative Evaluation Of Dentinal Tubule Penetration Of Three Different Bioceramic Sealers Using Confocal Laser Scanning Microscopy –An Invitro Study”

The following comments were observed by the committee.

- OPG can be taken instead of RVG.
- Invitro study

10. The 10th presentation was by **Dr.Karthikeyan M., I year MDS** under the guidance of **Dr.K.Balaji, MDS Professor and Head of the Department of Orthodontics and Dentofacial Orthopaedics**, on the study title “Comparison Of Various Properties Of Three Different Aligner Materials - An Invitro Study”

The following comments were observed by the committee.

- In vitro study
- No comments given by the committee.

11. The 11th presentation was by **Dr.Jayaraj R., I year MDS** under the guidance of **Dr.K.Balaji, MDS Professor and Head of the Department of Orthodontics and Dentofacial Orthopaedics** on the study title “Effects On The Physical And Mechanical Properties Of Thermoplastic Aligner Materials After Thermoforming And Aging.”

The following comments were observed by the committee.

- In vitro study
- No comments given by the committee.

12. The 12th presentation was by **Dr. Aswathi.S , I year MDS** under the guidance **Dr.Sunil Chandy Varghese , MDS, Professor, Department of Orthodontics and Dentofacial Orthopaedics** on the study title “Assessment Of Uretane Dimetha Acrylate Cytotoxicity In Patients Wearing Direct Printed 3-D Aligners”.

The following comments were observed by the committee.

- Title needs to be changed.
- Primary and secondary objectives to be rewritten clearly.
- Patient consent form and participant information sheet to be clearly provided.
- Sample size calculation needs to be justified.
- Study design and methodology needs to be clearly written.

Code of Ethics



TAGORE DENTAL COLLEGE & HOSPITAL

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TAGORE DENTAL COLLEGE & HOSPITAL

Code of Ethics for Research & Authorship Guidelines

- A. Students and faculty who have interest and inclination for research will be given an opportunity for doing research.
- B. The study has to be designed by the principal investigator (under a guide in case of a student).
- C. The study thus designed, has to be approved by the Head of Department.
- D. Following this, the study has to be submitted to the Research Committee in the prescribed format for scrutiny and presented before the Research Committee for sanction of an approval.
- E. The principal investigator has to make the necessary changes (if the Research Committee make any such recommendations) and resubmit the corrected version of the study to the Research committee for final approval.
- F. The Research committee approved study has to be submitted (at the earliest) to the Institute Ethics Committee for approval.
- G. Study submitted has to be presented by the principal investigator before the Institute Ethics Committee for the final authorization of an approval from the Committee to proceed with the commencement of the study.
- H. Recommendations if any made by the IEC has to be amended and resubmitted at the stipulated time to the Institute Ethics Committee for final approval.
- I. Principal Investigator can proceed with the commencement of the study after the final approval from the Institute Ethics Committee is obtained.
- J. Confidentiality has to be maintained at all situations.
- K. All efforts have to be taken to avoid bias in all forms.

PRINCIPAL

- L. All participants have to be explained about the study, voluntary participation has to be confirmed, and an informed consent has to be obtained from all participants in the study.
- M. All participants should be treated with compassion.
- N. No monetary benefits to participate in the study can be given to the participants.
- O. Completion of the study within the prescribed period approval has to be ensured.
- P. If the study time has to be extended, it can be done only with proper explanation to and approval from the Institute Ethics Committee (by the Principal Investigator).
- Q. No modifications in the study will be allowed after obtaining the final approval from the Institute Ethics Committee.
- R. Required modifications have to be explained properly and presented by the Principal Investigator before the Institute Ethics Committee for final approval to make the necessary modifications in the study.
- S. All records of the study have to be maintained for a period of 5 years.
- T. Investigator and co-investigators have to be given credit as authors and co-authors according to their contribution (direct and intellectual) in the study at the time of publication.
- U. The SOP for research committee and IEC is made available at the library for reference for the faculty and students of the institution.

Authorship Guidelines for researchers at TDC&H

The reason for this authorship guideline is to -

1. Offer technical information and promote good authorship practices among researchers at TDC&H and avoid duplication of efforts

It is based on the recommendations of the International Committee of Journal Editors, Journal of American Medical Association and FAIMER guideline for authorship.

International Committee of Medical Journal Editors (ICMJE), also named Vancouver group, 2001, states that - authorship credit should be based on:

1. Substantial contributions to conception and design, or acquisition of data, or analysis and interpretation of data
2. Drafting the article or revising it critically for important intellectual content
3. Final approval of the version to be published

Conditions 1, 2, 3 must all be met. Acquisition of funding, the collection of data, or general supervision of the research group, by himself or herself do not justify authorship.

To reduce authorship problem, we encourage following tips for all the researchers at TDC&H (COPE report, 2003).

1. **Encourage a culture of ethical authorship** - good authorship practices should reduce such dilemmas. Each department library should have a book on publication ethics and there should be one seminar on publication ethics in a year.
2. **Start discussion on authorship when you plan your research** - it is better to decide the team to begin with and gather views of all team members and if possible discuss authorship at a face to face meeting. Continue to discuss ideas about authorship as research work progresses, especially if new people get involved. Keep a written record of your discussion and decision.

3. **Decide authorship before you start writing each article/case report** - ensure good communication to avoid misplaced expectations and poor communications. Ideally there should be a face to face meeting where it is confirmed who will do what - and by when. Keep everyone informed of changes, if any.
4. **Review by research and ethics Committee:** please ensure the clearance of your research proposals from the Research Committee and the Ethics Committee. It is expected to strengthen technical and ethical dimensions of your research proposals.
5. **Informed consent:** please obtain informed consent and retain its details. In a case report, consent for publication in print and electronically must be obtained from the patients. Please prepare your consent forms in the prescribed format as recommended by the research and ethics committee.
6. **Consider author contribution:** all authors must have made an individual contribution to the writing of the article and not just been involved with the patient's care.
7. Individuals just involved in the patient's care (including diagnosis and management) should be listed in the acknowledgements.

Authorship disputes - how to handle it?

The team should have a written authorship agreement before the article is written. We recommend authors to follow the authorship criteria of American Medical Association, July 2007 to decide authorship.

We also recommend following a rubric provided by Francois Cilliers, 2007 to decide the order of co-authorship.

Disagreement about authorship can be classified into two types: those that do not break ICMJE guidelines (disputes) and those that do (misconduct).

(a) **Disputes** - It is a question of interpretation, you may discuss with the people involved and the supervisor/any senior person involved in the study/Head of the Department. Consider or support your discussion or opinion with the evidences such as laboratory notebooks, manuscripts, ICMJE statement, instructions to Authors etc.

If you remain unhappy with the decision, you may approach the Research Committee. But you should do this in exceptional circumstances only and other researchers are well informed about what you're intending to do.

(b) **Misconduct** - if you notice or experience some scientific misconduct, please bring it to the notice of the Research Committee.

A separate code of ethics for misconduct in research and plagiarism is available in our institution

Authorship criteria

Rubric provided by Francois Cilliers, 2007

Authorship of any work resulting from this research will be determined by the following authorship index:

Co-authorship scoring system: Each coauthor (s) completes a self-assessment form indicating individual contribution and is encouraged to complete a form for each member of the team.

INTELLECTUAL INPUT: (Planning/designing/interpretation)		LITERARY INPUT: (Contribution to first complete draft of manuscript)	
no contribution	0	no contribution	0
one detailed discussion/correspondence	5	edited others' material	5
several detailed discussions/correspondences	10	contributed small sections	10
longer meeting/ correspondence	15	contributed moderate proportion	15
substantial liaisons	20	contributed majority	20
closest possible involvement	25	contributed virtually all	25
PRACTICAL INPUT: (setting up/observing/recoding/abstracting)		SPECIALIST INPUT FROM RELATED FIELDS	
no contribution	0	no contribution	0
small contribution	5	brief or routine advice	5
moderate indirect contribution	10	Specially tailored assistance	10
moderate direct contribution	15	whole basis of approach	15
major indirect contribution	20		
major direct contribution	25		

PRACTICAL INPUT: BEYOND DATA

CAPTURE (data processing/organization)

no contribution	0
minor or brief assistance	5
substantial or prolonged assistance	10

Whoever achieves 25 points will be offered joint authorship in rank order of total score. In the event of ties, recent near misses will be considered. If none exists, alphabetical order may be used.

Note for authorship in case report: In the past, it was acceptable to include as authors those contributing to the management of the patient, but this is no longer true. Currently, it is expected that the authors contribute significantly to the intellectual content of the case report. Keep in mind that the best case report abstracts are those that make a small number of teaching points (even just one) in clear and succinct language.



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TAGORE DENTAL COLLEGE & HOSPITAL

Code of ethics to check malpractice and plagiarism in research

Interpretation

- a) "**Article**" means an academic writing of wholesome nature on a specific aspect of a broader theme of research.
- b) "**Book**" means a set of written or printed pages containing literary work fastened along one side and encased between protective covers or maintained in electronic form.
- c) "**Chapter in a book**" means an ordinarily understood chapter, distinctly identifiable from the other chapters and contents of a book as defined in clause (1) (b) of these regulations.
- d) "**Copying**" means transcription or reproduction of others works in any form, proportion, and by any means.
- e) "**Copyright**" means a right to reproduce a literary work or any portion of thereof under the applicable laws in India.
- f) "**Data**" means any information stored in a medium, electronic or otherwise, retrievable for use and possible to process.
- g) "**Infringement of copyright**" means any unauthorized use of a copyrighted material without the permission of the copyright holder or without giving a complete citation of the source of the material.
- h) "**Plagiarism**" means copying transcription, reproduction, retrieval, transmission, misappropriation, any other unauthorized use of other's literary work/research data or making an unsubstantiated claim of originality about some work as one's own in a publication, presentation or any other form of projection, resulting into the infringement of a copyright, violation of academic values, standards of research ethics or code of conduct for teachers/staff defined in the University Statutes.

PRINCIPAL

- i) **"Primary research"** includes carrying out of basic or preliminary tests to acquire primary data and creation of formulations and expressions which do not exist
- j) **"Research Paper"** means an academic writing an essay in which a scholar presents his findings of his research in his own analysis, assessment and line of reasoning.
- k) **"Secondary research"** includes the already existing research and may include interpretation thereof in a new form.
- l) **"College"** means **"Tagore Dental College & Hospital," Vandalur, Chennai.**

2. **Application.** - these regulations shall apply to every student and staff member of Tagore dental College & hospital.

3. **Removal of doubts.** - if any doubt arises with the interpretation of any of the provisions of these regulations, the matter shall be referred to the Principal or such Authority/Committee as may be specified by the Principal for the general or special purpose. The final deciding authority shall be the Principal.

4. **The charge of plagiarism.** -

- A. A charge of plagiarism shall lie only on receiving a complaint about one's-
 - a) commission of an act of copying transcription, reproduction, retrieval, transmission, theft, fraud, misappropriation, any other unauthorized use of other's literary work or research data;
 - b) making an unsubstantiated claim of originality about others work as his own;
 - c) commission of such an act or making such a claim amounting to plagiarism as defined in Clause of these regulations in a publication, presentation or any other form projection; and
 - d) such a publication, presentation or any other form of projection results into the infringement of a copyright, academic dishonesty or violation of academic values and standards of research ethics.

- B. The charge of plagiarism shall be considered as cheating, fraud, malpractice, misconduct, and as a violation of the code of the code of conduct for teachers/staff/students.

Plagiarism occurs when one makes even marginal changes in the material of someone else or his own (of which he has transferred the copyright to some other person or agency) and includes it without citation in his/her publications; or copies any materials/data presented in from other's publication, website or reports as his own; or uses data obtained by any other researcher claiming that as his own; or does any kind of falsification/fabrication of data; or prepares a document based substantially on other's work; or make a factual misrepresentation in his publication a book/paper or presentation at a conference or other relevant information; or denies authorship or the correct order of authorship to a contributor.

5. Mechanism for dealing with complaints of plagiarism

- A. Receiving of complaint. - No complaint of plagiarism shall be received unless it is:
- i. addressed to the Principal of the college;
 - ii. signed by the complainant with complete name and address, and
 - iii. accompanied by appropriate documents authenticating the complaint.
- B. Non-publicizing of complaints. -the complainant shall not publicize the matter until the College takes a final decision otherwise, it will be treated as misconduct.
- C. Committee to handle complaints. -the Principal may refer any complaint for investigation to a Standing Complaint Committee, constituted by the Principal for the purpose. The constitution of the committee shall be:
- i. Head of Department from Tagore dental College & hospital (Chairman);
 - ii. Two Professors of the College;
 - iii. One External Expert in the field concerned to be nominated by the Principal, provided that the committee may co-opt one or two members, as an expert member depending upon the gravity of the complaint.

- D. after the receipt of the complaint, the Principal may refer it to the standing Complaint Committee within a week from the date of receipt.
- E. the Chairman of the Committee shall obtain necessary information from the complainant including relevant documents relating to the complaint and, if satisfied, initiate the formal fact-finding proceedings in the matter.
- F. the Committee shall submit its fact-finding report to the Principal in 30 to 45 days of initiation of the fact-finding. No such report shall be submitted before giving the person accused of plagiarism an opportunity of being heard in accordance with the principles of natural justice.

6. Censorship:

Where a complaint is found factually correct; an appropriate action in the form of academic censorship or administrative action may be taken against the person found guilty of plagiarism depending on the gravity of guilt.

- A. Academic censorship may be in any of the following forms:
 - i. obtaining sincere repentance from the person and an undertaking not to repeat it.
 - ii. Verbal warning
 - iii. Written warning
 - iv. Advisory note by the Principal
 - v. Name and Shame
 - vi. Disqualification from doing a study, publishing an article for two years
- B. administrative action may be:
 - i. giving more teaching load
 - ii. Non-assignment of examinership for three years.
 - iii. Disqualification for any grant from the College for a minimum 3 years.
 - iv. No promotions and salary hike for three years.

7. False and malafide complaints

Any complainant who has made a false or mala fide complaint shall be liable for:

- i. name and shame;
- ii. written warning;
- iii. appropriate administrative action; and

If any / or more such penalty shall be imposed only after the approval of the Academic Council of the college.

8. Guidelines to prevent Plagiarism

- A. Materials on the ethical code of conduct, copyrights, and referencing system shall be developed and made available to the academic community by an ethical standing committee to be constituted by the Principal.
- B. All students shall be made to declare that the materials they are submitting for class works, projects dissertations, thesis etc. are their own, that they have not resorted to any unethical means in getting the results or reporting them, and that they have adequately acknowledged the sources wherever they have used other's works.
- C. All submissions that are suspected to contain copied passages, figures, tables, and code (concerning computer programs) without acknowledgement of sources shall be tested for plagiarism with the help of software packages that are specifically meant to detect plagiarism.
- D. Acknowledgement of sources of materials by scholars should be encouraged and approved modes of citation should be duly inculcated in their minds by staffs.
- E. Copyright norms should be taught to students, to make them aware of the consequences of copyright infringement.
- F. Researchers must be taught the doctrine permitted the extent as "fair use."
- G. Every research publications should acknowledge the standard software package (from the public domain or otherwise) which it has used in the work.
- H. Where a researcher is tempted to include the same material in more than one paper/publication so as to increase their number of publications; he should refer to the relevant past publications explicitly and mention how the current publication is related

to them. In addition, the basic idea(s) published in a communication/letter form may be expanded in the subsequent full paper(s) with due citation, as per convention.

- I. It is worth noting that software packages are available nowadays in public domain. Our college uses software from www.quetext.com for identifying similarity in the materials contained in separate publications. This is a paid software which subscribes to full text sources and use them to scan for plagiarism, with a better rate of detection.
- J. In case of co-authorship, the principal/corresponding author will be responsible for deciding the list of authors and the order of appearance of the names of the authors in the publication. By merely providing workspace, standard experimental or computational facility, administrative support or advice on merely trivial and uncorrelated aspect of a research, one does not automatically become eligible for authorship in a publication. The person must make a significant intellectual contribution to the research work to deserve authorship.
- K. Concerning sponsored projects, the principal investigator is primarily responsible for formulating the project and defining the outcome of the project. Therefore, every research paper arising out of a sponsored project must have the name of the principal investigator as a co-author, unless there are co-investigators who played the principal investigator for the contents of a particular publication.
- L. In case of multiple-authored publications, obtaining informed consent is extremely important. A co-author in such a publication is entitled to include only that portion of the work that he has contributed to getting the written consent of the principal author to that effect. A second co-author of the same publication cannot claim ownership of the aforesaid portion of work. He can include that portion of work in his thesis or publication with proper citation. Verbatim presentation of a large portion of a co-authored publication(s) in the thesis should be avoided. The principal author remains responsible to declare the extent and level of contribution made by the co-authors if the Research/Ethics Committee seeks such information. Informed consent is also important for participants in his share of market surveys, and other interviews/surveys etc. as per relevant laws/conventions.

- M. Each author of a co-authored document is responsible for the findings, interpretations, and conclusions reported in a research document and must accept the full responsibility of the results reported, in case of any dispute concerning the publication. The corresponding author has the full and final responsibility for the scientific/scholarly accuracy and ethical compliance, including all the authorships (given or not given) in each and every publication.
- N. Civic sense and decorum make it mandatory that a research work complies with the law of the country and is not intentionally offensive. Not to exercise "due care" where harmful consequences for the researcher or for others are foreseeable is an offence. While working at high hazardous materials, such as toxic or sharps, or drugs an investigator must take all possible precautionary measures to ensure the safety of humans and assets around the workspace.
- O. Decency demands that due respect should be shown to all concerned, including the members of the research group, colleagues, and guide(s). Impertinent discriminatory remarks on caste, creed, gender, racial origin or age are highly objectionable and should be avoided in any research document.
- P. All human achievement must take the responsibility to ensure the social well-being and must strive to avert or to mitigate foreseeable risks to the society.
- Q. Before submission for publication, the researcher should do the checking and certify to that effect. If the software rejects the materials on the ground of plagiarism, copyright infringement or copying, its publication should be ordered to be stopped forthwith.
- R. Many faculty members act as reviewers for manuscripts submitted for publication as well as project proposals submitted for financial support and get access to information and ideas which have not yet been published. It is important for them to ensure that they do not use this advance access for their own benefit.

9. Supervision

The faculty has a role to teach and transfer his knowledge, skill, and research tools to the student and grooming them to develop original thinking and carry out independent research

work. To play the roles effectively, a harmonious relationship needs to be maintained between the two. The period a student spends with the guide should be pleasant, academically stimulating, productive, and mutually satisfying.

In case of co-guide, they should earn authorship by contribution and not by status or situation of the other going on leave or leaving the organization or the project.

Incompatibility between the faculty may hamper the student's progress. It is necessary that they are also guided by certain ethical principles to ensure that the student's research progress is not compromised. Research Committee of the college may entertain complaints on such issues and arbitrate on such matters as needed.

10. Conduct for students and guides

A student should follow the ethical code of conduct in these regulations and acknowledge the contribution of the guide. He should submit a declaration that he shall not indulge (or has not indulged) in any form of research misconduct and shall not refrain from fouling with other students' equipment, data, and results.

A guide should-

- i. guide students in areas where they are proficient;
- ii. spend adequate time on the research work of their students;
- iii. provide sufficient laboratory, computational, and library facilities to the students;
- iv. ensure the veracity of data, the validity of the analysis, and the interpretation of results;
- v. give enough freedom to the students to use their own ideas and approaches and motivate them to come out with something innovative;
- vi. insist on communicating research results - interim and final - in conferences and journals;
- vii. advise the students on the University regulations and guidelines pertaining to research and to the research ethics outlined in this document and other related documents of the College;
- viii. ensure that the students do not adopt any unfair means in their research work;

- ix. instil in students the ideas of research honesty, integrity, and rigour;
- x. refrain from exploiting the students intellectually, (by publishing a student's work in one's own name without the student as a co-author), emotionally or in any other manner; and
- xi. maintain a cordial and harmonious relationship with the research students and co-guides (if any)

11. Administrative Bodies of the College

A. The members of the Research Committees should:

- i. advise students on new ways of looking at the research problems and their solution methods;
- ii. critically scrutinize the work of students and ensure the conformance of the research work to the ethical code of conduct followed by the College and the research community at large;
- iii. report the cases of research misconduct to the Principal of the College and provide necessary subject expertise to ascertain the truth.

B. Research Committee should-

- i. take periodic stock of the progress of the research work and ensure that the research students/faculty benefit from the constructive suggestions of the Research Committee members;
- ii. provide adequate facilities and ensure that every guide/student maintains research data and results (duly indexed and securely stored) for the specified period time after a research work comes to an end;

C. The Research Committee should:

- i. publicize contents of this and other related documents widely. To enhance awareness of research ethics among the research community of the College.
- ii. provide necessary support to the College so as to inquire and investigate into the reported cases of research misconduct (as per University rules) and implement the

decisions, and bring these cases to the notice of the research community while keeping the names of the concerned individuals confidential (maintain statistics).

D. The College administration should-

- i. Develop laboratories and libraries to make the research environment self-sustaining;
- ii. promote technical and presentational skills of students;
- iii. properly deal with reported cases of research misconduct and unethical research practices; and
- iv. make available the Research Policy Documents of various bodies and various other guidelines on referencing, copyrights, etc. for consultation by students and faculty.
- v.

12. Miscellaneous

- i. these regulations will be applicable to published articles and online publications.
- ii. every article/research paper should be cleared for plagiarism from the authorized anti-plagiarism software, available in the College.
- iii. only written warning may be issued, if an article has been published and detected at a later stage and the author gets the articles RETRACTED and the same has been accepted by the publisher.
- iv. Magazine/Newspaper/ Published Articles, if found plagiarized, on detection later be retracted and verbal warning be issued.