

TAGORE DENTAL COLLEGE AND HOSPITAL

45th RESEARCH COMMITTEE MEETING – 16th November 2021

MINUTES OF MEETING

The meeting started at 10:15 am at the Board Room, Tagore Dental College & Hospital with the convener Dr.C.J.Venkatakrishnan welcoming all the members.

The following members were present.

- I. Dr.S.Jimson (Chairman)
- II. Dr.C.J.Venkatakrishnan (Convener)
- III. Dr.S.Balagopal
- IV. Dr.Sai Krishna
- V. Dr.B.Anandh (Member Secretary)
- VI. Dr.R.Jayaprakash
- VII. Dr.Vaishnavi
- VIII. Dr.I.Kannan

- Approval of the minutes of the 44th Research Committee meeting was done by the members.
 - There were a total of 13 study proposals to be discussed in the meeting.
1. The 1st presentation was by **Dr.I.Kannan, Officer In-charge**, Central Research lab, on the study title “**Establishment of academic biobank for oral cancer research**”

No comments were made by the committee.

2. The 2nd presentation was by **Dr.Balaji Anand, II year MDS** under the guidance of Dr.C.J.Venkatakrishnan, **Prof & Head of the Department, Department of Prosthodontics**, on the study title “**Comparison of anti- adhesion property of melatonin on adhesion of Streptococcus mutans between two chair side polished ceramic surfaces**”.

No comments were made by the committee.

3. The 3rd presentation was by **Dr.Vaishnavi, Reader, Department of Public Health Dentistry**, on the study title “**Perception of healthcare providers about AI technologies: A mixed methods study in a tertiary setting.**”

The following comments were made by the committee.

- To change the age in inclusion criteria.
 - To justify the sample size or to include other institutions in the study.
4. The 4th presentation was by **Dr.Narmadha, Senior Lecturer, Department of Oral Medicine and Radiology**, on the study title “**Isolation of Candida species in tobacco users – A cross-sectional study.**”

No comments were made by the committee.

5. The 5th presentation was by **Dr.Narmadha, Senior Lecturer, Department of Oral Medicine and Radiology**, on the study title **“AI algorithm training for early detection of oral cavity cancers: A prototype development.”**

The following comments were made by the committee.

- To do changes in the study title.
 - To mention the full form of AI, avoid using abbreviations.
- To change the word “clients” into “participants”.
- To use a standardized instrument to capture the intra oral lesions.

6. The 6th presentation was by **Ms.Anjanaa D., I Yr. BDS**, under the guidance of **Dr.Thamizhesai, Senior Lecturer, Department of Prosthodontics**, on the study title **“Lemongrass essential oil as a disinfectant of dental impression.”**

The following comments were made by the committee.

- The methodology needs to be clearly mentioned.

7. The 7th presentation was by **Ms.Anupama Rajeevan, I Yr. BDS**, under the guidance of **Dr.Nithyarajan, 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 made by the committee.

- To justify the need and usefulness of the study.

8. The 8th presentation was by **Dr.Hari Vignesh S., II Yr. MDS**, under the guidance of **Dr.B.Anandh, Reader, Department of Oral & Maxillofacial Surgery**, on the study title **“Pre-emptive use of drugs to reduce post-operative pain and discomfort in surgical removal of mandibular third molar tooth.”**

The following comments were made by the committee.

- To use simple random sampling method.
- To standardize the type of impaction.
- To remove dexamethasone from the study.

9. The 9th presentation was by **Dr.Arrvinthan SU., III Yr. MDS**, under the guidance of, **Dr.S.Jimson, Professor & HOD, Department of Oral & Maxillofacial Surgery**, on the study title **“Comparison of post-operative analgesic effect of aceclofenac and paracetamol versus ibuprofen and paracetamol after third molar surgery.”**

No comments were made by the committee.

10. The 10th presentation was by **Dr.Raveendharan, III Yr. MDS**, under the guidance of, **Dr.S.Jimson, Professor & HOD, Department of Oral & Maxillofacial Surgery**, on the study title **“Is there a role for antibiotics in therapeutic removal of premolars – A randomized study.”**

The following comments were made by the committee.

- To increase study period.
- To do changes in the study methodology.
 - To use simple random sampling method.
 - To include only maxillary pre-molars.
- To change age group in inclusion criteria.
- To exclude traumatic extractions.

11. The 11th presentation was by **Ms.Akshaya S., CRRI** under the guidance of **Dr.J.Jones, Senior Lecturer, Department of Oral & Maxillofacial Surgery**, on the study title **“Prevalence of anemia among dental college students.”**

The following comments were made by the committee.

- To study only Hb and not CBC.

12. The 12th presentation was by **Dr.Pandiyarajan P., II Yr. MDS**, under the guidance of **Dr.J.Jones, Senior Lecturer, Department of Oral & Maxillofacial Surgery**, on the study title **“Comparison of complete and partial closure of surgical wounds in impacted third molar surgery.”**

- No comments were made by the committee.

13. The 13th presentation was by **Dr.Mohan Kumar, II Yr. MDS**, under the guidance of **Dr.K.Balaji, Professor and Head, Department of Orthodontics**, on the study title **“Comparative evaluation of effectiveness and efficiency of two colour changing adhesives Grengloo and Orofix pro colour – An invitro study.”**

The following comments were made by the committee.

- To change the study title.
- To do sample size calculation.


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