Tagore Dental College and Hospital

Minutes – 21st Institute Ethics Committee Meeting – 24-02-2022

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 attended the ethical committee meeting.

1. Dr.C.Saravanan (Chairperson)
2. Dr.C.J.Venkatakrishnan (Principal)
3. Dr.S.Jimson (Member Secretary)
4. Dr.M.R.Srinivasan
5. Dr.Manickam P.
6. Dr. Geetha
7. Dr. K.B. Prasanna
8. Dr. Miriam Samuel
9. Dr.I.Kannan
10. Mr. I. Raja Samuel
11. Rev. D. Sagariya

- Minutes of the 20th Ethics Committee meeting was presented and approved.
- Dr.Saravanan, Professor, Department of Oral and Maxillofacial Surgery, SRM Dental College & Hospital, Kattangulathur, Chennai chaired the meeting and gave a brief description about the conduct of the meeting.

There were a total of 15 presentations to be discussed in the meeting.

1. The 1st presentation was by **Dr.Ashik Ahamed, I year MDS**, **Department of Oral and Maxillofacial Surgery** under the guidance of **Dr.S.Jimson, HOD and Professor**, **Department of Oral and Maxillofacial Surgery**, on the study title **"Comparing the efficacy of piezosurgical and conventional methods in surgical removal of impacted mandibular third molars"**
   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 changed.
   - To do changes in inclusion criteria.
   - To do changes in the study methodology.
   - To clearly mention the study methodology.
   - To add participant information sheet.
   - To add data collection sheet.

2. The 2nd presentation was by **Dr.Mohammed Hassain, I year MDS**, **Dr.S.Jimson, HOD and Professor**, **Department of Oral and Maxillofacial Surgery**, on the study title "Comparing the efficacy of transgingival true lag screws and conventional transgingival lag screws in the management of alveolar process fracture."

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

- To do changes in the study title as "Conventional lag screws to Bicortical screws."
- To do changes in the study methodology
  - Do it as a pilot study
  - To include Standard Operating Procedure
- To clearly mention the study methodology.
- To do in mixed dentition.
- To do changes in inclusion & exclusion criteria.
  - To remove 18 and above group from the inclusion criteria.
- To justify study size calculation.

3. The 3rd presentation was by **Dr.Ashwitha G.**, **I year MDS, Department of Prosthodontics** under the guidance of **Dr.C.J.Venkatakrishnan**, **Professor and Head, Department of Prosthodontics,** on the study title **"Accuracy of conventional and digital impressions for the all-on-four implant treatment protocol - an in vitro 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 implant position in a single model and compare.

4. The 4th presentation was by **Dr.Kanmani A.I year MDS, Department of Prosthodontics** under the guidance of **Dr.C.J.Venkatakrishnan**, **Professor and Head, Department of Prosthodontics** on the study title **"Accuracy of implant placement by using fully guided and partially guided surgical protocols for parallel and angulated implants-an invitro study".**

No comments were observed by the committee.

5. The 5th presentation was by **Dr.Badrinath T.**,**I year MDS, Department of Conservative Dentistry and Endodontics** under the guidance of **Dr.S.Bala Gopal, Professor and Head, Department of Conservative Dentistry and Endodontics** on the study title "**Comparison of Plectranthus amboinicus (karpuravalli) gel and chrysopogon zizanioides (vetiver) gel as cavity disinfectant adjuncts in minimally invasive dentistry- 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 do changes in the study title
  - To remove the term minimally invasive from the study title.
- To add note on rationale of the study.
- To clearly mention inclusion criteria.
- Study methodology must be clearly mentioned.
- To add data collection sheet.
- To consult a statistician and to increase the sample size.
- To write the Protocol as per SPIRIT guidelines.
- To do CTRI registration.

- To check safety profile of the interventional group (2 gels). To follow TIDIER trial guidelines.

6. The 6th presentation was by **Dr.S.U.Sswedheni, I year MDS, Department of Conservative Dentistry and Endodontics**, under the guidance of **Department of Conservative Dentistry and Endodontics** under the guidance of **Dr.Vandana James, Reader, Department of Conservative Dentistry and Endodontics** on the study title "**Evaluation of astringent property of indian herbs zingiber officinale (dry ginger), Terminalia chebula (harada), terminalia bellirica (behada) Phyllanthus emblica (amalaki) extract and its effect on Gingival displacement - 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 resubmit the study proposal according to SPIRIT guidelines.
   - Safety and Efficacy of the extract should be checked.
   - To check any pre- clinical studies are available.
   - To check whether the interventional group has astringent property.
   - To clarify inclusion and exclusion criteria.
   - Study methodology should be clearly mentioned.

7. The 7th presentation was by **Dr.Godlin Jeneta J., I year MDS, Department of Conservative Dentistry and Endodontics** under the guidance of **Dr.S.Bala Gopal, Professor and Head, Department of Conservative Dentistry and Endodontics** on the study title "**Study of canal centering ability and canal transportation of three file system – a micro CT analysis."**

   No comments were observed by the committee.

8. The 8th presentation was by **Dr.Karthikeyan M. I year MDS ,** Department of Orthodontics under the guidance of **Dr. Balaji K., Professor and Head, Department of Orthodontics** on the study title "Comparison of accuracy of 3 different THREE DIMENSIONAL printed orthodontic aligner model - 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.

- To change study title from THREE DIMENSIONAL to 3D.

9. The 9th presentation was by **Dr.Lokeshwari P. I year MDS ,** Department of Orthodontics under the guidance of **Dr. Sunil Chandy Varghese., Reader, Department of Orthodontics** on the study title **"Optimal design and position of clear aligner attachment in orthodontic treatment using finite element analysis."**

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

- To mention the type of study design.
- To mention the research question.

- To add Patient information sheet.
- To add Informed Consent Form.
- To add Data collection sheet.

10. The 10th presentation was by **Dr.Jayaraj R., I year MDS, Department of Orthodontics, under the guidance of Dr. Balaji K., Professor and Head, Department of Orthodontics** on the study title **"Comparison on the dimensional accuracy of Liquid crystal display 3D printers (2k vs 4k vs 8k) in orthodontic clear aligner treatment"**

    No comments were observed by the committee.

11. The 11th presentation was by **Dr.Hari Vighnesh**, **II year MDS, Department of Oral and Maxillofacial Surgery , under the guidance Dr. B.Anandh , Reader, Department of Oral and Maxillofacial Surgery**, on the study title
"**Pre-emptive use of drugs to reduce postoperative pain and discomfort in surgical removal of mandibular third molar tooth."**

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

- The revise the study protocol as per SPIRIT guidelines.
- To mention blinding / randomization procedure.
- To include time of patients taking the rescue medication in the methodology.
- To use standard medication for all groups and it should be mentioned in the methodology.
- Clarify group distribution, Procedure and number of study groups involved and resubmit.
- To add Patient information sheet.
- To add Informed Consent Form.
- To add Data collection sheet.

12. The 12th presentation was by **Dr.Pandiyaran P.**, **II year MDS**, **Department of Oral and Maxillofacial Surgery , under the guidance Dr.S.Jimson, Professor and Head,**, **Department of Oral and Maxillofacial Surgery**, on the study title
"**Comparison of complete and partial closure of surgical wounds in impacted third molar removal."**

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

- To use TIDIER guidelines and to justify the need for three groups.
- To write the study protocol according to SPIRIT guidelines.
- To add Patient information sheet.
- To add Informed Consent Form.
- To add Data collection sheet.
- To increase the follow up period.

13. The 13th presentation was by **Dr.Balaji Anand.**, **II year MDS**, **Department of Prosthodontics, under the guidance Dr.C.J.Venkatakrishnan., Professor and Head, Department of Prosthodontics**, on the study title **"Comparison of Anti-Adhesion Property of Melatonin on Adhesion of Streptococcus mutans between two chairside polished ceramic surfaces."**
The following comments were observed by the committee. The principal investigator was asked to do the following changes and resubmit the study.

- To mention the study objectives clearly.

14. The 14th presentation was by **Dr.Kannan I.**, **Associate Professor**, **Department of Microbiology,** on the study title **"Establishment of Academic Biobank for Oral Cancer Research."**

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

- To clearly rewrite and submit the study protocol.
- Procedures to maintain confidentiality has to be mentioned in the protocol.
- To rewrite the proposal according to national guidelines.
- To form a working committee to work on the existing guidelines.
- To get Medical IEC approval.

15. The 15th presentation was by **Dr.Vaishnavi S.**, **Reader**, **Department of Public Health Dentistry,** on the study title **"Perceptions of healthcare providers about AI technologies: a mixed methods study."**

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

- Permission to be obtained from Tagore medical college to do the study.
- Questionnaire to be rephrased.
- To do a Pilot study and get approval.
- To mention clearly about the study methodology.
- To add Patient information sheet.
- To add Informed Consent Form.
- To add Data collection sheet.
- SSI interview guide needs to be provided.
- Sample size assumptions needs clarity about which study group is involved. E.g. Medical vs Dental.
- Sample size for qualitative component to be mentioned.

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