



MANIPAL
UNIVERSITY COLLEGE
MALAYSIA

Our Ref: MUCM/ Research Ethics Committee – 056/2023

Date: 2nd November 2023

ETHICAL APPROVAL

This is to certify that the Research Ethics Committee, Manipal University College Malaysia (MUCM) reviewed and approved the study protocol submitted by the investigator(s).

PROTOCOL/RESEARCH TITLE: EFFECT OF EXERCISE ON SALIVARY PH AND PLAQUE STREPTOCOCCUS MUTANS COUNT AMONG SPORTS PERSONS IN MANIPAL UNIVERSITY COLLEGE MALAYSIA (MUCM): A CROSS-OVER TRIAL

INVESTIGATORS:

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6. Dr. Arunima Chauhan, Professor, Department of Oral Pathology, Faculty of Dentistry, MUCM (Supervisor)
7. Dr. Anita Devi Krishnan Thantry, Associate Professor & HOD, Department of Microbiology, Faculty of Medicine, MUCM (Co-supervisor)
8. Dr. Adinegara Lutfi Abas, Professor & Pro-Vice Chancellor, MUCM (Co-supervisor)
9. Dr. Htoo Htoo Kyaw Soe, Professor, Department of Community Medicine, Faculty of Medicine, MUCM (Co-supervisor)

PRINCIPAL DEPARTMENT: Department of Oral Pathology, Faculty of Dentistry, MUCM

STUDY CENTRE: Manipal University College Malaysia (MUCM)

STUDY DURATION: 2 years

For Research Ethics Committee Chairperson

Prof. Dr. Meena Anand Kukkamalla
Manipal University College Malaysia

It is a Principal Researcher's responsibility to follow the Malaysian code of responsible conduct in research in the conduct of your study. This includes providing appropriate information sheets and consent forms, and ensuring confidentiality in the storage and use of data.

The Principal Researcher is required to notify the Research and Ethics Committee, Manipal University College Malaysia (MUCM) the following:

- Any significant change in the questionnaire, design or conduct over the course of the research. (The researcher may require a new application for ethics approval)
- Serious adverse effects on participants and the action taken to address those effects.
- The inability of Principal Researcher to continue the research project, or any change in research personnel involved in the research project.
- A delay in more than 6 months in the commencement of the project
- Termination of the research project

The Principal Researcher is required to submit:

- A progress report for every year of approval, and/or
- A final report when the project is complete.