AMRITA VISHWA VIDYAPEETHAM | Institute of Medical Sciences
Healthcare, Education & Research

Dated: 06-11-2025
ECASM-AIMS-2025-405

To

Dr. Krishnakumar Thankappan
Dept of Head and Neck Surgery & Oncology.

The meeting of **Ethics Committee of Amrita School of Medicine'** held at 3 pm on 06-11-2025 at Conference room of Department of Health Sciences Research, Amrita Institute of Medical Sciences, Kochi campus, evaluated the research protocol titled *"OncoTrack: AI-based Clinical Feature Extraction and Summary Generation from Oral Cancer Records"* with Dr. Krishnakumar Thankappan as Principal Investigator.

Co-investigators are Dr. Nagesh Subbanna, Amrita School of AI, Bangalore, Mr. Nishith P, B.Tech student- Amrita School of Computing, Bangalore, Dr. Lakshmi R Menon, Department of Head and Neck Surgery. Following members attended the meeting that was recorded and archived for reference.

Dr. Prathapan Nair	Dr. D.M. Vasudevan
Dr. Chandrasekhar J	Dr. (Ms). P.G. Nayar
Dr. Muralee Damodaran	Dr. Sivakumar V
Adv. Manju Paul	Mrs. May Abraham.

Oral cancer care often involves managing a larger volume of unstructured clinical records such as progress notes and pathology reports. Manual data extraction is time consuming, inconsistent and error-prone. Natural Language Processing (NLP) using Large Language Model (LLMs) proves a promising alternative.

This is a retrospective, model development pilot study for internal validation using historical records of a hundred de-identified patients with complete oral care clinical documentation. As much as twenty-four features shall be extracted with development of patient summaries from this data. Successful pilot study shall be extended to the second phase with a patient pool of as much as seven hundred and fifty. Ethical issues have not been observed in this study and hence clearance is hereby granted.

Sincerely,

Dr. D.M. Vasudevan
Member Secretary.

Amrita Vishwa Vidyapeetham ETHICS COMMITTEE-AMRITA SCHOOL OF MEDICINE AIMS Ponekkara P.O., Kochi - 41

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