

Introduction of Telepharmacy Medication Review by the TeleCare Research Interest Group for Airlangga Nexus students:

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The Telehealth and Remote Patient Care (TeleCare) Research Interest Group (RIG), established in February 2025 and led by Assoc. Prof. Dr. Mahmathi Karuppannan, consists of nine active members. One of the group's primary goals is to train future pharmacists and other allied health professionals in digital health, with a particular focus on enhancing patient care through telehealth. The RIG is dedicated to advancing digital health through a multidisciplinary approach, bringing together experts from pharmacy, nursing, computer science, and mathematics across multiple campuses, all of whom are driven by a shared passion for digital health.

On 21 July 2025, students from Airlangga Nexus participated in a brief preview of an upcoming training module developed by the members of the RIG. The session was attended by 27 students. After a series of lectures delivered by Assoc. Prof. Dr. Mahmathi Karuppannan, Dr. Farhana Fakhira, Ms. Nik Aishah Najwa, and Dr. Norkasih Ibrahim, the students engaged in hands-on experience of conducting telepharmacy medication reviews. They worked with simulated patients, portrayed by Assoc. Prof. Dr. Mahmathi Karuppannan, Dr. Hanis Hanum Zulkifly, Dr. Farhana Fakhira, Ms. Nik Aishah Najwa, Dr. Norkasih Ibrahim, Ms. Zakiah Mohd Noordin and Pn. Noorizam Ibrahim, who presented various challenges.



At the conclusion of the session, the students identified key pharmaceutical issues, discussed technical challenges, and provided recommendations for resolving these issues. The session helped students recognise the potentials of telepharmacy, despite the challenges that need to be addressed.

The TeleCare RIG is excited to roll out a comprehensive training module soon, designed to equip future pharmacists with the essential skills needed to excel in telepharmacy medication review. This initiative not only aims to provide hands-on experience in conducting telepharmacy consultations but also creates opportunities for further research in this area. Future studies will focus on exploring the effectiveness of telepharmacy in various settings, evaluating its impact on patient outcomes, and refining the integration of digital tools in medication management. By advancing research in this field, the RIG aims to contribute to the growing body of knowledge surrounding digital health and telepharmacy, ultimately enhancing the quality of remote patient care.

