

Interventional Telehealth Simulation Study

Medical and nursing staff are invited to take part in a research project aimed at improving support for clinicians treating patients in rural areas. This study is a collaboration between Griffith University, Clinical Excellence Queensland, the Clinical Skills Development Service, and the Jamieson Trauma Institute.

Participation in this study will involve simulated clinical scenarios of rural patient care. Depending on your clinical experience, you will either be (a) treating the patient and receiving remote guidance to do so, or (b) providing remote guidance to the rural clinician who is treating the patient. A member of the research team will act in the other role.

In some scenarios, a **head-worn augmented reality device** will be used for communication, and in other scenarios, the **existing telehealth system** will be used for communication. Telehealth experience is not required to participate.

Findings from this study will provide valuable insight into the usability and applicability of wearable communication devices to improve the quality of telehealth support provided to rural clinicians.

Testing sessions will take place at the Clinical Skills Development Service located at the Royal Brisbane and Women's Hospital (Block 6). Each session will take up to 2 hours, and each participant is only required to attend a single session. Sessions are scheduled to commence in late January 2024.

The study has been cleared in accordance with the ethical review processes of RBWH Human Research Ethics Committee (HREC/2020/QRBW/62878) and Griffith University (2020/631).

To register your interest or if you have any questions, please email the Coordinating Principal Investigator Chiara Santomauro at chiara.santomauro@health.qld.gov.au or c.santomauro@griffith.edu.au.

