

Understanding medication safety systems in intensive care: A cross-sectional survey of intensive care healthcare professionals' experiences

Participant Information Sheet (PIS)

You are being invited to take part in an anonymous online questionnaire about your experiences of medication safety systems and processes available and views related to medication errors in your intensive care unit. Before you decide whether to take part, it is important for you to understand why the research is being conducted and what it will involve. Please take time to read the following information carefully before deciding whether to take part and discuss it with others if you wish. Please ask if there is anything that is not clear or if you would like more information. Thank you for taking the time to read this.

About the research

➤ Who will conduct the research?

This research is being conducted by a multiprofessional team of researchers from the European Society of Intensive Care Medicine. It is led by Dr Richard Bourne, Honorary Senior Clinical Lecturer, Division of Pharmacy and Optometry, School of Health Sciences, The University of Manchester.

➤ What is the purpose of the research?

Intensive care units are high-risk areas for medication safety incidents. In response, intensive care units employ an array of care team, tools and technologies, tasks and organizational conditions to improve medication safety systems and processes. However, there are limitations in the evidence related to what interventions, and combinations thereof, are effective in reducing medication errors leading to preventable adverse drug events and patient harm. The aim of this cross-sectional survey is to understand intensive care healthcare professionals' access to medication safety resources and the relationship with perceived medication safety status in their intensive care units.

You have been chosen as a potential participant through your professional membership of the European Society of Intensive care medicine (ESICM).

➤ Who has reviewed the research project?

This project has been reviewed by The University of Manchester the name of the Division/School Ethics Committee and an ethics waiver has been provided (Ref: 2025-23410-41327).

➤ Who is funding the research project?

This research project is funded by the ESICM.

What would my involvement be?

➤ What would I be asked to do if I took part?

You would be asked to complete an anonymous online questionnaire hosted on Survey Monkey.

The questionnaire will take approximately 10-15 mins to complete and ask questions about (1) About you and your intensive care unit; then questions related to safety systems in your intensive care unit including: Organizational conditions; care team; tasks; tools and technologies; and finally ask for broad indications of incidence of medication errors in your intensive care unit.

Please note, the questionnaire will not collect your IP address.

➤ **Will I be compensated for taking part?**

There is no payment for your participation.

➤ **What happens if I do not want to take part or if I change my mind?**

It is up to you to decide whether or not to take part. If you do decide to take part you will be given this information sheet to keep and will be asked to tick a box to confirm consent. If you decide to take part you are still free to withdraw at any time without giving a reason and without detriment to yourself up until the point that you submit your online responses. It will not be possible to remove your data from the project once you have submitted your responses as they are collected anonymously and we will not be able to identify your specific data. This does not affect your data protection rights. If you decide not to take part you do not need to do anything further.

For detailed information about how we plan to use and store the information that you share with us, please read our [Data Protection, Confidentiality and Further Details page](#).

Contact Details

If you have any queries about the study then please contact the researcher(s) **Dr Richard Bourne** (richard.bourne@manchester.ac.uk).