



Faculty of Medical and Health Science  
School of Nursing  
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## **PARTICIPANT INFORMATION SHEET**

### **Exploring knowledge and decision-making of Registered Nurses across the process of blood transfusion and the risks to patient safety**

**Name of Researcher:** Katerina Hodgson

**Name of Supervisors:** Mr Michael Crossan and Professor John Parsons

**Researcher introduction:** Kia ora, my name is Kat, and I am a Transfusion Nurse Specialist for the New Zealand Blood and Organ Service. I am currently studying and completing this research as part of a Masters of Nursing at the University of Auckland School of Nursing. My supervisors are Michael Crossan and Professor John Parsons.

#### **Rationale**

You are invited to complete a survey to explore the knowledge and decision-making of Registered Nurses across the process of blood transfusion and the risks to patient safety. Blood transfusions are commonly administered by nurses, who are considered vital in ensuring that transfusions are safe for patients (Bediako et al., 2021). Due to the risks that gaps in knowledge and decision-making pose to the safety of patients receiving BTs, NZ research is needed.

#### **Aims**

This questionnaire aims to measure New Zealand nurses' knowledge and decision-making in public and private hospitals across the blood transfusion process and the risks to patient safety. The findings identified will assist with forming recommendations for effective and safe care for patients receiving blood transfusions.

#### **Duration and project procedures**

You are asked to complete an online anonymous questionnaire. The questionnaire is in three sections and consists of 32 questions and is anticipated to take an estimated 10-12 minutes to complete. The first section will contain questions about participant demographics. No information that could identify or be linked to you or your place of practice is collected. The second section will contain general questions regarding BT knowledge and decision-making, and the final section will contain a case study. Once the survey is completed, you can follow a link to be in a draw to win a \$50 Prezzy card.

## **Benefits**

Blood transfusions are a relatively common procedure in the hospital setting, and poor knowledge can negatively affect patient outcomes. This research could benefit nurses and patients by identifying gaps in blood transfusion knowledge and decision-making gaps. The findings will be shared and disseminated to encourage nurses and wider organisations to review blood transfusion education, policies and guidelines and reduce risks to patient safety.

## **Risks**

No harm is anticipated for individuals completing the survey. However, if discomfort is experienced, the participant is encouraged to utilise the employee assistance programme (0800 327 669) through their work or managers.

## **Data Storage**

Qualtrics (the survey software) will anonymously record your answers, and the data will be downloaded onto an Excel spreadsheet. No identifiable data will be recorded in relation to the questionnaire, and the data collection will be stored on the University of Auckland server (UoA Research Drive) through a password-protected computer. Only the research team will access the data.

Once the study ends, the data will be stored with an agreement to be permanently disintegrated six years later in 2030 by the University of Auckland.

## **Rights of participants**

### **Participation is voluntary**

Participation is voluntary, and participation will not result in any disadvantage.

### **Withdraw from Participation**

As the survey is anonymous, it will not be possible to withdraw your data from the study once you have submitted your response.

## **Consent**

It will be assumed that completion and submission of the survey will imply your consent to participate in the study.

## **Anonymity and Confidentiality**

We will keep your information private and confidential. This means:

- Your answers will be stored on a password-protected computer.
- We will not use your name or any information that might identify you
- Only the researchers will have access to your de-identified information
- Information will be all stored at the University of Auckland.

## Contact details and approval

Researcher name and contact details	Supervisor contact details	Supervisor contact details
Katerina Hodgson School of Nursing, The University of Auckland 027 556 2007 <a href="mailto:Khod291@auckland.ac.nz">Khod291@auckland.ac.nz</a>	Michael Crossan School of Nursing, The University of Auckland 09 923 3935 <a href="mailto:m.crossan@auckland.ac.nz">m.crossan@auckland.ac.nz</a>	John Parsons School of Nursing, The University of Auckland 09 923 3935 <a href="mailto:j.parsons@auckland.ac.nz">j.parsons@auckland.ac.nz</a>

If you require Māori cultural support, talk to your whānau in the first instance. You may also contact the administrator for He Kamaka Waiora (Māori Health Team) by telephoning 09 486 8324 ext 2324, or contact the Auckland and Waitematā District Health Boards Māori Research Committee or Māori Research Advisor by phoning 09 4868920 ext 3204 to discuss any questions or complaints about the study

For concerns of an ethical nature, you can contact the Chair of the Auckland Health Research Ethics Committee at [ahrec@auckland.ac.nz](mailto:ahrec@auckland.ac.nz) or at 373 7599 x 83711, or at Auckland Health Research Ethics Committee, The University of Auckland, Private Bag 92019, Auckland 1142

Approved by the Auckland Health Research Ethics Committee on 01/11/2024 for three years. Reference number AH28223