**Participant Information Statement**

# Project Title

Digital/MedTech solutions that increase safety and efficiency in the healthcare system or support the delivery of better health outcomes.

# Investigators

Chief Investigator:

Professor Rachael McDonald, Department of Nursing and Allied Health, Swinburne University of Technology, rachaelmcdonald@swin.edu.au

Associate Investigators:

Dr Ngan Nguyen, Research Fellow, MedTechVic, Swinburne University of Technology, ngannguyen@swin.edu.au

Dr Anna Lane, Research Fellow, MedTechVic, Swinburne University of Technology, annalane@swin.edu.au

Dr Alyse Brown, Research Fellow, MedTechVic, Swinburne University of Technology, acbrown@swin.edu.au

Claudia Bridge, Project Designer, MedTechVic, Swinburne University of Technology, cbridge@swin.edu.au

Paraskevi Triantis, Design Coach, MedTechVic, Swinburne University of Technology, ptriantis@swin.edu.au

Adam Bilney, Product Designer, MedTechVic, Swinburne University of Technology, abilney@swin.edu.au

Dr Mohammad Mosayed Ullah, MedTechVic, Swinburne University of Technology, mmullah@swin.edu.au

David Harraway, Clinical Advisor, MedTechVic, Swinburne University of Technology, dharraway@swin.edu.au

Kayt MacDonald, Clinical Advisor, MedTechVic, Swinburne University of Technology, kmacdonald@swin.edu.au

Mark Hanson, Clinical Advisor, MedTechVic, Swinburne University of Technology, mhanson@swin.edu.au

Hana Phillips, Research Assistant, MedTechVic, Swinburne University of Technology, hphillips@swin.edu.au

Holle Forster, Research Assistant, MedTechVic, Swinburne University of Technology, hforster@swin.edu.au

# Introduction to Project

We invite you to participate in this innovation project to discuss and develop digital/MedTech solutions that increase safety and efficiency in the healthcare system or support the delivery of better health outcomes.

# What this project is about and why it is being undertaken

With the rise of chronic diseases, aging populations, and increasing demand for personalised and efficient healthcare services, it has become imperative for Australia to invest in digital health and technology solutions. Digitisation of healthcare can reduce pressure on the current healthcare system and upskill people with lived experience and their carers to better manage their health. The number of digital health apps is growing exponentially; however, it is estimated that 80% of digital health technologies fail due to barriers to adoption, lack of eHealth literacy and trust, abandonment, and failure to scale-up, spread and sustain. Therefore, there is a need for an end-user centred design approach to ensure that these digital solutions are well-received and adopted to deliver safety and efficacy to the healthcare system and support better health outcomes. In this project, we will engage with end-users (people with lived experience and healthcare professionals) and digital health developers/engineers in a co-design workshop to gain insight into the pain points of healthcare system/health services and/or develop a digital solution for a current healthcare need. This information will be used for further development of a digital/MedTech solution.

# Project and researcher interests

This project is funded by Victoria Government and is being undertaken by researchers at MedTechVic, Swinburne University of Technology.

# What participation will involve – time, effort, resources, costs, compensatory payments, etc

This research will take up to 6 hours of your time for either one full day or over multiple days at Swinburne University or online, in line with the individual and group preferences. It will include the following tasks:

* Completing a questionnaire with general demographics.
* Engaging in workshops and tasks with small groups to complete a co-design process.
* Give feedback about your experience of participating in the co-design process.

You will go into a draw to win 1 out of 10 $30 Hoyts movie vouchers for your time and contribution.

# Participant rights and interests – Risks & Benefits/Contingencies/Back-up Support

The sharing of your experiences will help us to develop insights on digital/MedTech solutions for health management and healthcare system support to increase safety and efficiency or deliver better health outcomes.

There is some risk that thinking or talking about your current circumstances and experiences may be upsetting. In the case that participation in this research causes any distress, please let the researchers know for immediate assistance. If you require ongoing assistance, Swinburne’s Hawthorn campus has psychological assistance onsite. This can be accessed on a low-cost fee for service basis. Please contact Swinburne Wellbeing on (03) 9214 8483, if you require further psychological assistance.

# Participant rights and interests – Free Consent/Withdrawal from Participation

Participation is completely voluntary. If you decide to participate, we will ask you to accept a calendar invitation that will indicate your consent. Signing this consent form will also indicate your consent. You may, without any penalty, decline to take part in this project. If you decide to take part and later change your mind, you may, without any penalty, withdraw at any time without providing an explanation. To withdraw, please contact the Chief Investigator or you may just refuse to answer any questions or leave the workshops. Individual data already collected in small group activities at workshops may not be practicably destroyed, but it will not be used in analysis and reporting.

# Participant rights and interests – Privacy & Confidentiality

The privacy and confidentiality of individuals will be protected at all times. Only the researchers listed on this form have access to the individual information provided by you. Information collected from you will be stored securely on a password protected computer and/or Swinburne University server throughout the project. Signed consent forms will be stored separately to any data collected and only the researchers named on this form will have access. Any identifiable data will be de-identified for data storage purposes unless indicated otherwise. All data will be securely stored at Swinburne University for an indefinite period. Participant data collected will be retained for re-use by the research team or for future use. Data may be re-used to inform future research to develop digital/MedTech solutions for healthcare.

# Research output

The research outcomes may be presented at conferences and written up for publication. You will not be named, and your individual information will not be identifiable in any research products.

# Further information about the project

If you would like further information about the project, please do not hesitate to contact: Dr Ngan Nguyen, ngannguyen@swin.edu.au

Particularly with any health/personal information communicated, official Swinburne email and other contact details should be used (non-Swinburne email addresses and ISP-related servers, for example, should not be used; nor personal home telephone numbers).

# Concerns/complaints about the project:

This project has been approved by or on behalf of Swinburne’s Human Research Ethics Committee (SUHREC) in line with the *National Statement on Ethical Conduct in Human Research*. If you have any concerns or complaints about the conduct of this project, you can contact:

Research Ethics Officer, Swinburne Research (H68),

Swinburne University of Technology, P O Box 218, HAWTHORN VIC 3122 Australia.

Tel (03) 9214 3845 or +61 3 9214 3845 or resethics@swin.edu.au

**Consent Form**

**Project Title:**

Digital/MedTech solutions that increase safety and efficiency in the healthcare system or support the delivery of better health outcomes.

**Principal Investigator:**

Professor Rachael McDonald, Department of Nursing and Allied Health, Swinburne University of Technology, rachaelmcdonald@swin.edu.au

1. I consent to participate in the project named above. I have been provided a copy of the project consent information statement to which this consent form relates and any questions I have asked have been answered to my satisfaction.

|  |  |
| --- | --- |
| 2. ***In relation to this project, please circle your response to the following:*** |  |
| * I agree to participate in small group activities to complete the co-design process with other participants and researcher(s)
 | **Yes** | **No** |
| * I agree to allow the workshops to be audio/video recorded
 | **Yes** | **No** |
| * I agree to have images taken during the period of observation
 | **Yes** | **No** |
| * I agree to complete questionnaires asking me about
 |  |  |
| My background information | **Yes** | **No** |
| My health condition/lived experience | **Yes** | **No** |
| My opinions on the co-design process | **Yes** | **No** |
| * I agree to my data being used in further research or to inform further research
 | **Yes** | **No** |
| * I would like to be contacted about future studies and events via email
 | **Yes** | **No** |

1. I acknowledge that:
	1. my participation is voluntary and that I am free to withdraw from the project at any time without explanation;
	2. the Swinburne project is for the purpose of research and not for profit;
	3. any identifiable information about me which is gathered in the course of and as the result of my participating in this project will be (i) collected and retained for the purpose of this project and (ii) accessed and analysed by the researcher(s) for the purpose of conducting this project;
	4. I understand the length of time researcher/s will have access to this information;
	5. my anonymity is preserved and I will not be identified in publications or otherwise without my express written consent.
	6. ownership of all Intellectual Property created or developed by the participants in the course of the Project, is hereby assigned to and vests in Swinburne upon their creation or development

By signing this document I agree to participate in this project.

**Name of Participant:** ……………………………………………………………………………

**Signature & Date:** ……………………………………………………………