

# Artificial Intelligence for decision support in acute stroke - Enhanced treatment recommendation, adverse outcomes and outcome prediction through artificial Intelligence in patients with acute stroke and external validation using real-world data in New South Wales

## ONLINE INFORMATION FOR Survey Participants

### Introduction

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We are going to conduct formative evaluation for the Artificial Intelligence for decision support in acute stroke study. You are invited to participate in the survey for this study. The Principal Investigators of this project is Dr Xia Wang from The George Institute for Global Health. The research team details are provided below:

Name	Position	Affiliation
Dr Xia Wang	Senior Research Fellow	The George Institute
Dr Menglu Ouyang	Research Fellow	The George Institute
Dr Leibo Liu	Research Fellow	The George Institute

The study aim is to understand your concepts, acceptance and concerns, in using the Artificial Intelligence for decision support the treatment of acute stroke. This online survey is initiated and conducted by project team from The George Institute for Global Health, Australia.

### Who can participate in the discussion?

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The stakeholders (e.g. clinician groups [i.e. physicians/nurses], patients, family carers for the stroke care) will be invited to participate in this survey.

### Eligibility criteria of patient/carer sample

#### *Inclusion criteria:*

- Adults (aged 18 or over);
- Have had a stroke in the past, OR
- Have lived experience as primary carer for an individual with stroke;
- English spoken as primary language;
- Provision of electronic informed consent;

*Exclusion criteria:* Cognition, communication decline or other disability that prevents participation.

### Do I have to take part in this research study?

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Participation in any research study is voluntary. If you do not want to take part, you do not have to.

If you decide you want to take part in the research study, you will be asked to:

- Read the information carefully (ask questions if necessary);
- Complete the online questionnaire.

## **What does participation in this research require, and are there any risks and benefits involved?**

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There is no risk involved to participate this study. If you decide to take part in this study, we will ask you to complete an online questionnaire. The questionnaire will ask you questions about your perceptions and thoughts of using Artificial Intelligence to support care decisions after stroke. It should take approximately 20 minutes to complete. After completion, you will receive a \$50 gift card as compensation.

We hope to use information we get from this research study to benefit others who suffer from stroke by optimising the care and treatment after stroke.

## **Privacy**

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The participation will be anonymous. If you wish to participate in this survey, your participation and personal information will be protected and kept confidential. Your personal information will not be disclosed in the publications or disseminations of this study. If you are worried about some questions related to your privacy or you would not like to respond, you can request to skip the question in the questionnaire. We acknowledge your right to refuse and will fully respect your decision.

## **What will happen to information about me?**

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Submission of the online questionnaire is an indication of your consent. By clicking the 'I agree to participate' button you are providing your permission for the research team to collect and use information about you for the research study.

All information will remain confidential. Study information will be stored in a securely locked file at the George Institute for Global Health and will be accessed only by study team members. Nothing written in reports will link you personally to the study.

The research team will store the data collected from you for this research project for a minimum of 5 years after the publication of research results. The information about you will be stored in a non-identifiable format where your identity will be unknown.

The information you provide is personal information for the purposes of the Privacy and Personal Information Protection Act 1998 (NSW). You have the right of access to personal information held about you by the University, the right to request correction and amendment of it, and the right to make a complaint about a breach of the Information Protection Principles as contained in the PPIP Act. Further information on how the University protects personal information is available in the [\*\*UNSW Privacy Management Plan\*\*](#).

## **How and when will I find out what the results of the research study are?**

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If the research team intend to publish and/ report the results of the research. All Information will be published in a way that will not identify you.

If you would like to receive a copy of the results you can contact a member of the research team directly for a copy of the results.

## **What if I want to withdraw from the research study?**

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If you do consent to participate, you may withdraw at any time. You can do this by closing the questionnaire. If you withdraw from the research, we will destroy any information that has already been collected. Once you have submitted the questionnaire however, we will not be able to withdraw your responses as the questionnaire is anonymous.

### Further Information

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The person you may need to contact will depend on the nature of your query. If you require further information regarding this study or if you have any problems which may be related to your involvement in the study, you can contact the following member/s of the research team:

### Research Contact

<b>Name</b>	Menglu Ouyang
<b>Position</b>	Research Fellow
<b>Telephone</b>	[REDACTED]
<b>Email</b>	[REDACTED]

### Ethics Approval

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This study has been approved by the Ethical review pathways for *UNSW Research Ethics Approval*. If you have a complaint regarding any aspect of the study or the way it is being conducted, please contact the UNSW Human Ethics Coordinator:

### Complaints Contact

<b>Position</b>	Human Research Ethics Coordinator
<b>Telephone</b>	+ 61 2 9385 6222
<b>Email</b>	<a href="mailto:humanethics@unsw.edu.au">humanethics@unsw.edu.au</a>
<b>Project Id</b>	iRECS6189

This information sheet is for you to keep.

