PARTICIPANT INFORMATION SHEET

School of Medicine
Building 507, Level 3
22-30 Park Avenue, Grafton
Auckland 1023, New Zealand

Study title: Can an enhanced medication information sheet improve drug responsiveness?

Research team
Student researcher: Jasmine Bellerby
Primary supervisor: Professor Keith Petrie
Secondary supervisor: Dr Kate MacKrill

Project description and invitation

You are invited to take part in a study assessing whether an enhanced medication information sheet for metoprolol can affect drug responsiveness. Metoprolol is often taken to treat heart-related conditions such as high blood pressure, heart failure, or an irregular heartbeat. Doctors also prescribe metoprolol to help manage short-term anxiety about specific events. This letter contains an overview of the study to help you make an informed decision as to whether you would like to take part in this research.

This study is being carried out by Jasmine Bellerby (Masters student) in the Department of Psychological Medicine, Professor Keith Petrie (Psychological Medicine) and Dr Kate MacKrill (Psychological Medicine).

What does the study involve?

You are able to take part in this study if you are 18 years of age or older, able to read and write in English, are not taking medications that interact with metoprolol (e.g. anti-hypertensives, anti-arrhythmics) and do not have any medical conditions for which beta-blockers should not be used (e.g. asthma or diabetes). Your participation in this study is voluntary. To take part, you need to be able to attend a one-hour in-person session at the Clinical Research Centre at the Grafton Campus.

If you are eligible and choose to participate in this study, you can choose a time and date for your participation at the Clinical Research Centre, University of Auckland Grafton Campus. At the session, you will have your blood pressure and heart rate taken and be asked to complete questionnaires that assess your demographics and your health. After completing these questionnaires, the researcher will provide you with a medication information sheet for metoprolol. You will be asked to read the medication information sheet and then take a 50mg tablet of metoprolol. The student researcher will ask you to complete a questionnaire while the medication takes action. Following this, you will be asked to participate in a brief stress task to evaluate medication responsiveness. Your blood pressure and heart rate will be taken after the task, and you will be asked to complete further questionnaires. You will then be asked to complete a follow-up questionnaire 24 hours after your study session.

Benefits and risks

There are no expected risks associated with this study. By taking part in this study, you can help us understand how we could adapt medication information sheets to affect drug responsiveness. If you have any concerns about participating in this study, we encourage you to discuss these with whānau and the researcher before entering the study.

Who pays for the study?

You will not incur any financial costs due to participation in this study. To thank participants for their contribution to the research, you will receive a $40 Westfield voucher. This research is funded by the Department of Psychological Medicine at the University of Auckland. You will also have the chance to win a $200 Westfield voucher as a prize for the brief stress task.

Your rights as a participant

Participation in the study is entirely voluntary. Whether or not you participate in this study will not affect your relationship with the researchers. If you are a student of the researchers, we give our assurance that your participation or non-participation in this study will have no effect on your grades or relationship with the University and that you may contact your Head of Department should you feel that this assurance has not been met.

If you choose to participate, you can change your mind at any time without any negative consequences. You can withdraw from the study at any time without giving a reason and withdraw any data traceable to you up until one week following your completion of the study. You will be given a copy of this document to keep. If you withdraw, you will still receive a gift card.

All personal information will remain confidential, and no material that could personally identify you will be used in any report on this study. Participant names will only appear on the consent form. From this point onward, participant names will be coded with a participant identification number so that your identity is kept confidential on all questionnaires. After completion of the study, all confidential data, including computer data files, will be stored for a minimum period of six years to allow for publication and re-analysis, after which time it will be securely and confidentially disposed of. Research publications and presentations from the study will not contain any information that could identify you.

The participants involved in this study will own their own data, but with their consent, let the researchers use the data to analyse and write up the results.

What will happen after the study?

All data will be stored by the researcher in electronic format in a password-protected data file on a University of Auckland computer. Paper consent forms will be stored in a locked filing cabinet in the researcher's office at the University. All data and consent forms will be kept for a period of six years. You will be given the option of requesting a summary of the

results of this study. If you select on the Consent Form that you would like to receive a summary, it will be sent to you via email once the study has been completed. As it takes some time to analyse the results of studies, it may be more than a year after your participation that you receive this information.

We appreciate the time you have taken to read this information. If you have any questions, please contact:

Jasmine Bellerby
Department of Psychological Medicine
The University of Auckland
Private Bag 92019, Auckland 1142
Email: jbel774@aucklanduni.ac.nz

Alternative contact:
Dr Kate MacKrill
Department of Psychological Medicine
The University of Auckland
Private Bag 92019, Auckland 1142
Email: k.mackrill@auckland.ac.nz

Alternative contact:
Professor Keith Petrie, Department of Psychological Medicine
The University of Auckland
Private Bag 92019, Auckland 1142
Email: kj.petrie@auckland.ac.nz

Head of Department:
Professor Trecia Wouldes, Department of Psychological Medicine
The University of Auckland
Private Bag 92019, Auckland 1142
Email: t.wouldes@auckland.ac.nz

AHREC Chair contact details:
For concerns of an ethical nature, you can contact the Chair of the Auckland Health Research Ethics Committee at ahrec@auckland.ac.nz or at 373 7599 ext 83711, or at Auckland Health Research Ethics Committee, The University of Auckland, Private Bag 92019, Auckland 1142.

This study has been approved by the Auckland Health Research Ethics Committee (AHREC) on 19/06/2023 for three years (ref: AH25740).