Participant Information

**Medical Pronunciation App**

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What is the study about?

We invite you to participate in a research project about medical pronunciation.

It can be challenging to pronounce medical terms such as medicine names. As such, the project aims to make an application to teach users how to pronounce certain words by playing a recording for them to listen to and attempt to replicate. Their attempt will be compared to the recording and they will receive feedback on how close to the actual pronunciation they are.

Data collected will include personal views about difficult to pronounce words. Further participation may involve to collection of voice recording(s) to use as sample words in the application.

Why have I been invited to take part?

You have been invited to take part as you are a medical professional. As such, you are part of the target audience for the development of this application. You have been invited to take part as you are familiar with the challenges of pronunciation in medical fields.

Do I have to take part?

This information sheet has been written to help you decide if you would like to take part. It is up to you and you alone whether you wish to take part. If you do decide to take part you will be free to withdraw at any time without providing a reason, and with no negative consequences.

What would I be required to do?

You will be asked to answer a questionnaire of 7 questions regarding your experience with difficult to pronounce medical words. You will also be given the option to permit recordings to be taken of yourself pronouncing a medical word to be chosen by the researcher. The questionnaire should take approximately 10 minutes to complete. If you opt to be involved with recordings, the recording itself should only take 5 minutes to record and collect though you may be asked in future to produce follow up recordings.

Are there any risks associated with taking part?

There is a possibility the questionnaire will take more time than expected. The data will be stored securely, with access permission granted only to the researcher, supervisor and markers at the end of the project.

Informed consent

It is important that you are able to give your informed consent before taking part in this study and you will have the opportunity to ask any questions in relation to the research before you provide your consent.

What information about me or recordings of me (‘my data’) will you be collecting?

No personal data will be collected, only opinions of difficult words to pronounce and your voice type. This will be gathered by an online questionnaire. If you are willing to participate in the recordings section of the research then recordings of your voice will be collected but not associated with identifying information. This will be collected by yourself recording a word and sending it the researcher by email or similar.

How will my data be securely stored, who will have access to it?

Your data will be stored in an ANONYMISED form, which means that parts of your data will be edited or deleted such that no-one, including the researchers, could use any reasonably available means to identify you from the data. Your un-anonymised data will then be permanently deleted. Your data will be stored in St Andrews computer science department lab servers and only the researcher and supervisor will be able to access it.

Audio recordings will be taken on an encrypted device and transcribed at the earliest opportunity before being destroyed OR archived for future use.

How will my data be used, and in what form will it be shared further?

Your research data will be analysed as part of the research study. It will then be published in my dissertation. It will also be shared i.e. by placing it in a database accessible by others.

If shared (published and/or placed in a database accessible by others), your data will be in an **ANONYMISED** form, which means that no-one could use any reasonably available means to identify you from the data.

It is expected that the project to which this research relates will be finalised by June 2020.

When will my data be destroyed?

Within June of 2020.

Your data will be stored and processed in St Andrews computer science labs. No matter their physical location, researchers are required to store and make use of personal data as if they were in the UK; University requirements and the provisions of the data protection law apply at all times.

Will my participation be confidential?

Yes, your participation will only be known to the researcher and supervisor.

Use of your personal data and data protection rights

The University of St Andrews (the ‘Data Controller’) is bound by the UK 2018 Data Protection Act and the General Data Protection Regulation (GDPR), which require a lawful basis for all processing of personal data (in this case it is the ‘performance of a task carried out in the public interest’ – namely, for research purposes) and an additional lawful basis for processing personal data containing special characteristics (in this case it is ‘public interest research’). You have a range of rights under data protection legislation. For more information on data protection legislation and your rights visit <https://www.st-andrews.ac.uk/terms/data-protection/rights/>. For any queries, email [dataprot@st-andrews.ac.uk](mailto:dataprot@st-andrews.ac.uk).

You will be able to withdraw your data before 15th April 2020. If your data is anonymised, we will not be able to withdraw it, because we will not know which data is yours.

Ethical Approvals

This research proposal has been scrutinised and subsequently granted ethical approval by the University of St Andrews Teaching and Research Ethics Committee.

What should I do if I have concerns about this study?

In the first instance, you are encouraged to raise your concerns with the researcher. However, if you do not feel comfortable doing so, then you should contact my Supervisor or School Ethics Contact (contact details below). A full outline of the procedures governed by the University Teaching and Research Ethics Committee is available at <https://www.st-andrews.ac.uk/research/integrity-ethics/humans/ethical-guidance/complaints/>.

Contact details

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