Using co-design to explore the development of a new technology to assist in UTI treatment in primary and urgent care settings

Information sheet

This work package is part of a wider project, exploring the development of a new device to be used in primary care settings of patients who have a Urinary Tract Infections (UTI). The focus of this project is to use a co-design approach to explore how the device might be used, and the service pathways in which it might sit. Co-design is defined as 'the creativity of designers and people not trained in design coming together in the design development process.

We are inviting you to take part in the co-design activities where we will discuss and explore different what the device could be. We will be offering the opportunity to be a part of the project in a number of ways such as: 1:1 co-design sessions, group co-design workshops, posted activity packs, and interactive installations. You do not have to take part in all of these, but rather in the way that would suit you best.

Before you decide whether you'd like to take part in this project, please read the following information. Please also feel free to contact us if you have any questions at all (our details are at the end of this sheet) – we'd love to hear from you!

1. **Why have you asked me to take part?**
   We are inviting people who have an interest in shaping a future UTI diagnostic technology. This may be due to previous UTI experience, but it is not a requirement.

2. **Do I have to take part?**
   Participation in this project is completely voluntary you can stop taking part at any point during the process.

3. **What will I be required to do?**
   This project will use a co-design approach, this is used to refer to the idea of designers and people with lived experience working together in the design development process. This project will consist of 3 phases, within each including different ways to engage. We'd love for you to be a part of all 3 phases but you do not need to take part in all of them, if you don't want to:

   1. **Discovery.** This will include mapping out existing pathways and exploring contexts of use of the potential device. This will involve asking about your experience of navigating the healthcare service around UTIs
   2. **Design.** This will include defining a user specification for the potential device and designing some initial concepts. This will involve asking you what you think the device should include, and why.
   3. **Development.** This will include iterative development of the device and service pathway, and understanding what needs to change. This will involve asking you to reflect on the device and service pathway concepts to explore what the final outcomes should be

4. **Where will this take place?**

In order to enable as many people to take part as possible, we have decided to use a range of different methods to engage with this project. This includes:

- 1:1 co-design session in person (mainly suitable for healthcare professionals, to suit the nature of their work).
- Activity packs (suitable for all). Posted out to participants homes and then they return it with a pre paid envelope, or collected from GP's, pharmacies, and care homes.
- Workshops (online or face to face) (may be more suitable for patient groups, family, carers). If online, it will take place using a secure teams links. If face to face, this location will be in a public venue, decided closer to the time.
- Interactive installations (suitable for all). These will be in GP's, pharamacies and care homes and will be 3D activities for people to interact with, whilst waiting for their appointments/ to be seen.

Whilst we have indicated the groups that different ones may be more suited to, these are flexible and can shift dependent on what your needs are, so please get in touch.

5. **How often will I have to take part, and for how long?**
   We would like for people to engage in 1 session per phase (resulting in 3 sessions in total) as a minimum, but we are happy for you to take part in more if you would like to.
   The timings of each type of activity are as follows:
   1:1 sessions: 15-30 mins
   Activity packs: 45 mins- 1 hour
   Workshops: 2.5-3 hours
   Interactive installations: 10- 20 mins

6. **Are there any possible risks or disadvantages in taking part?**.
   It may be beneficial to share experiences with an independent researcher and be involved in developing potential solutions.

7. **What are the possible benefits of taking part?**
   There are no immediate or direct benefits for you personally. However, the project will lead to the development of a new diagnostic device for UTI's which will assist other people in the future.

8. **When will I have the opportunity to discuss my participation?**
   You are very welcome to contact the research team (using the contact details below) to discuss your participation at any time. If there are any elements you are unsure about, we are more than happy to respond to your queries.

9. **Will anyone be able to connect me with what is recorded and reported?**
   All the information that we collect about you during the course of the research will be kept strictly confidential and will only be accessible to members of the research team. You will not be able to be identified in any reports or publications. If you agree to us sharing the information you provide with other researchers (e.g. by making it available in a data archive) then your personal details will not be included unless you explicitly request this. All information we collect from you will be stored in a folder that is only accessible to members or the research team.

10. **What will happen to the information when this project is over and who is responsible for it?**
    All the data will be stored in a protected computer file in the Sheffield Hallam University secure servers, with only the researchers having access to the full data set. The file will be kept for a minimum of five years before being deleted and personal details will be securely stored in the same way but in a separate file.

Some of the anonymised research data might be useful for other researchers outside of Sheffield Hallam University. We would like to make this data available to them. You and your family would not be identifiable by sharing the data, however you are welcome to opt out of making your research data available. We will never share your personal details or contact details with anyone outside of the research team without your separate consent.

11. **How will you use what you find out?**
    Results from this project will be used to inform the development of the new UTI diagnostic device and supporting service pathway.

12. **How can I find out about the results of the project?**
    You can opt in to receive a report of the findings of this project at the end of this work package. If you would like to find out more about the overall project, you can also opt in get a report on that as well.

13. **Who should I contact for further information?**
    Please ask if there is anything that is not clear or if you would like more information or have any questions please contact the research team:

    Research Team: Ursula Ankeny *Email:* u.ankeny@shu.ac.uk
    Joe Langley *Email: j.langley@shu.ac.uk*

    Take time to decide whether or not you want to take part and feel free to talk to others about the project if you wish. Thank you for your time and consideration.

14. **What if I have any concerns about the project?**

    If you have any concerns about the project the details of contacts you can speak to are provided below:

You should contact the Data Protection Officer if:	**You should contact the Head of Research Ethics (Professor Ann Macaskill) if:**
• you have a query about how your data is used by the University • you would like to report a data security breach (e.g. if you think your personal data has been lost or disclosed inappropriately) • you would like to complain about how the University has used your personal data	• you have concerns with how the research was undertaken or how you were treated
DPO@shu.ac.uk	a.macaskill@shu.ac.uk
Postal address: Sheffield Hallam University, Howard Street, Sheffield S1 1WBT Telephone: 0114 225 5555	

Thank you for reading this information sheet and for considering to take part in this research.

Legal basis for research for studies: The University undertakes research as part of its function for the community under its legal status. Data protection allows us to use personal data for research with appropriate safeguards in place under the legal basis of public tasks that are in the public interest. A full statement of your rights can be found at https://www.shu.ac.uk/about-this-website/privacy-policy/privacy-notices/privacy-notice-for-research. However, all University research is reviewed to ensure that participants are treated appropriately and their rights respected. This project was approved by UREC with Converis number **ER72914388**. Further information at https://www.shu.ac.uk/research/ethics-integrity-and-practice.