**Participant Information Sheet - Staff**

**The title of the research project**

Evaluating the effectiveness of remote photoplethysmography (Lifelight technology) for hypertension screening in individuals with darker skin tones.

**What is the purpose of the research/questionnaire?**

You are being invited to take part in a research project. Before you decide it is important for you to understand why the research is being done and what it will involve. Please take time to read the following information carefully and discuss it with others if you wish. Ask us if there is anything that is not clear or if you would like more information. Take time to decide whether or not you wish to take part.

**Why have I been chosen?**

If you have expressed interest in participating either via contacting the MSc student researcher or visiting the study location, thank you for your interest!

Please keep in mind the following information.

Inclusion criteria

Clinician - Doctors, nurses, health extension worker.

Manager - Ward manager, clinic manager.

Exclusion Criteria: Staff not involved in the measurement of blood pressure, management of blood pressure, or supervising the staff who carry out these activities.

Target Sample Size: The study aims to recruit a total of 500 patient participants and 50 members of staff. This target sample size is informed by statistical considerations to make the research robust enough to reflect the population.

**Do I have to take part?**

It is up to you to decide whether or not to take part. If you do decide to take part, you will be given/have access to this information sheet to read.

You can withdraw from participation at any time and without giving a reason, you can retain this information sheet for your reference, simply decline to sign the participant agreement form.

Please note that once you have completed and submitted your survey responses or participated in the blood pressure measurements, we are unable to remove your anonymised responses/data from the study.

Deciding to take part or not will not impact upon you or your service delivery in any way, please remember there is no obligation whatsoever to participate.

**How long will the questionnaire/online survey take to complete?**

5 to 10 minutes

**What are the advantages and possible disadvantages or risks of taking part?**

Whilst there are no immediate benefits for those people participating in the project, it is hoped that this work will help improve our knowledge of using Lifelight technology for hypertension screening as an alternative to current methods.

There are no known risks of taking part in the study.

**What type of information will be sought from me and why is the collection of this information relevant for achieving the research project’s objectives?**

Kindly observe me measuring my own blood pressure with Lifelight (only takes 40 seconds).

Complete a brief questionnaire about your role (doctor, nurse, ward manager), your current practice in screening for and monitoring high blood pressure, your impression on the use of Lifelight in your workplace / workflow.

You will be asked to complete a brief questionnaire about your demographics (age, sex) and occupational information on your experience monitoring patient’s blood pressure.

This is a list of the information collected:

Questionnaire:

• Profession?

• How many years of experience do you have in using blood pressure monitoring technologies?

• What types of blood pressure monitors do you typically use in your practice?

• What are your initial impressions of Lifelight technology's potential benefits for your patients with hypertension?

• How easy do you find it to use Lifelight technology for blood pressure monitoring compared to traditional methods?

• How much trust do you have in the accuracy of the blood pressure measurements obtained using Lifelight technology?

• Would you be willing to integrate Lifelight technology into your practice for blood pressure monitoring?

• How do you think Lifelight technology could benefit your practice in managing patients' blood pressure?

• Can you identify any potential challenges or limitations associated with using Lifelight technology in a clinical setting?

• Management Questionnaire:

• Briefly describe your current blood pressure monitoring systems used in your facility:

• Are you satisfied with the effectiveness of your current blood pressure monitoring systems?

• How interested would you be in adopting a new technology like Lifelight for blood pressure monitoring in your facility?

• What are your main considerations or concerns regarding the implementation of Lifelight technology (e.g., logistics, cost-effectiveness)?

• Do you have any additional questions or feedback regarding Lifelight technology?

• How willing would you be to allocate resources (e.g., budget, staff training) for the implementation of Lifelight technology in your facility?

**Use of my information**

Participation in this study is on the basis of consent: you do not have to complete the survey, and you can change your mind at any point before submitting the survey responses. We will use your data on the basis that it is necessary for the conduct of research, which is an activity in the public interest. We put safeguards in place to ensure that your responses are kept secure and only used as necessary for this research study and associated activities such as a research audit. Once you have submitted your survey response it will not be possible for us to remove it from the study analysis because you will not be identifiable.

The anonymous information collected may be used to support other research projects in the future and access to it in this form will not be restricted. It will not be possible for you to be identified from this data.

**Contact for further information**

If you have any questions or would like further information, please contact:

MSc student researcher: David Dasa Email:[s5629479@bournemouth.ac.uk](mailto:s5629479@bournemouth.ac.uk)

Supervisor: Dr Phillip Davies

[Email: daviesp@bournemouth.ac.uk.](mailto:Email:%20daviesp@bournemouth.ac.uk.)

*In case of complaints*

Any concerns about the study should be directed to Professor Tiantian Zhang

Deputy Dean for Research & Professional Practice Faculty of Science and Technology, Bournemouth University by email to [researchgovernance@bournemouth.ac.uk.](mailto:researchgovernance@bournemouth.ac.uk)