



**Northumbria
University**
NEWCASTLE

Participant code:

PARTICIPANT DEBRIEF

Name of Researcher:

Name of Supervisor: Dr. Merryn Constable

Project Title: Pose estimation for health professional education: Development of an objective computerized approach for measuring and assessing technical competencies

Ethical Approval Number: 1963

1. What was the purpose of the project?

You have just participated in one of a series of studies that will assist us to develop new means of assessment and feedback to support the learning of CPR.

Video data will be used to develop a computerized method of providing feedback to learners. We aim to develop and train computer algorithms to recognize how the human performer is moving and provide automated feedback regarding their movement, areas for improvement and an overall assessment of expertise. Providing kinematic feedback is often done for skill learning in athletes, as such, we will evaluate if such feedback is useful in the context of CPR.

2. If I change my mind and wish to withdraw the information I have provided, how do I do this?

If you wish to withdraw your data then email the investigator named in the information sheet within 1 month of taking part and given them the code number that was allocated to you (this can be found on your debrief sheet). After this time it might not be possible to withdraw your data as it could already have been analysed. You will also be able to email the investigator after this time to withdraw your data from the pool of data so it will not be used in the future.

The data collected in this study will be used and stored as you have consented to within the consent form. All information and data gathered during this research will be stored in line with the Data Protection Act. Unless an individual knows what you look like, the data cannot be traced back to you without the code above, and you and the researchers in charge of data collection are the only individuals with access to that code. Insurance companies and employers will not be given any individual's personal information, nor any data provided by them, and nor will we allow access to the police, security services, social services, relatives or lawyers, unless forced to do so by the courts.

If you wish to receive feedback about the findings of this research study then please contact Dr. Merryn Constable, merryn.constable@northumbria.ac.uk

This study and its protocol have received full ethical approval from the Northumbria University's Research Ethics Committee. If you require confirmation of this, or if you have any concerns or worries concerning this research, or if you wish to register a complaint,

please contact the Chair of this Committee Nick Neave stating the title of the research project and the name of the researcher and supervisor.