

Information Sheet (Training)

Purpose: The aim of this research is to understand how healthcare professionals and students learn and develop movement-based skills in order to develop a formative assessment tool.

Criteria: We are recruiting participants who are healthcare trainees or professionals.

Voluntary Participation: You are free to choose whether you would like to take part. You are also free to withdraw at any time you choose without penalty.

The Task: You will practice clinical skills exercises as described by the coordinator over a period of time. The task is a standard task that is taught at Northumbria University.

You will be recorded doing the task and you will be provided with formative feedback. Your technical skill will be evaluated over time and you will be asked to provide feedback on your learning experience.

The data generated may also be used to develop computer algorithms which are able to track movement within videos and are able to classify performers according to expertise level (for example, trainee level or expert level).

Disadvantages: There are no risks to this study beyond what you would experience as a healthcare trainee or professional.

Advantages: You will be contributing to healthcare education.

Confidentiality: Your name will not be linked with any of the data collected. Data collected will be identified by a unique code which only you and the researchers involved in the study will have access to. Should you wish your data to be deleted you will need to provide this code otherwise the researchers will not be able to determine which data to delete.

The video nature of the data means that your face will be visible within the data. As such, the data is not anonymous. Only the research team will have access to this non anonymous data.

In the interests of open science researchers often obtain consent to upload data to an online data repository. Uploading data allows other researchers to validate the work and also do their own research using the data. It also ensures transparency and reproducibility. The benefits of this option are that your data will contribute more broadly to science and educational development. If you consent to your data being uploaded to an online data repository your face will be blurred to protect your identity and the data will be secured such that other researchers will have to apply to access that data. As a part of the application they will need to state their status as a researcher and what their intended use of the data is. They will also need to agree to protect your data and not distribute it.

Data Storage: All experimental data will be stored in anonymised form (without your name). However, as noted your face is present in this video data. The data will be kept on university computers in line with University guidelines and the Data Protection Act (2018). You will determine the extent to which your data is accessible by indicating your consent to data storage beyond the university in the consent form.

Personal Data: Your name is collected during sign up. Only the research team associated with this project at Northumbria University will have access to your name and it will not be connected to the experimental data. Depending on your consent, members of the scientific community may be able to apply for access to your data (excluding your name).

Data Use: Video and evaluation data will be used for research analysis. The outcome of this analysis may be reported in scientific journals, presented at scientific conferences or within the public domain. Reporting of data will not involve raw data unless you provide your consent. For the purposes of scientific dissemination your face will be blurred. Depending on your consent, other researchers may use the data to confirm our research findings or to answer questions of their own. A summary of our research findings can be obtained if you email Dr. Merryn Constable at merryn.constable@northumbria.ac.uk.

Rights under UK-GDPR: You have a right to access the information comprised of your personal data (request with a Subject Access Request). You have a right to have inaccurate personal data rectified. You have a right to object to decisions being taken by automated means. If you are dissatisfied with the University's processing of personal data, you have the right to complain to the Information Commissioner's Office. For more information see the ICO website.

This research is being conducted at Northumbria University and has been approved in Northumbria University's Ethics Online System (Submission Reference 44602). It has been reviewed in order to safeguard your interests.

Contact for further information:

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Name and contact details of the Records and Information Officer at Northumbria University: Duncan James (dp.officer@northumbria.ac.uk).

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