**Project title**

An exploration of paramedic confidence whilst making non-conveyance decisions: A mixed methods study.

**Abstract**

A mixed-methods approach to exploring the paramedic experience of confidence as reported by paramedics during three key stages of their career. The methodology includes a rapid scoping review, focus group and telephone interviews, Q-methodology and methodological data triangulation. Participants will be from three groups: Third-year BSC student paramedics, newly qualified paramedics, and paramedics two years or more qualified. The setting will be the United Kingdom.

**Project start and end date**

18/02/2021-01/08/2024

This project will be performed in concordance with Oxford Brookes University research data management policy.

Various formats will be created as part of the research project. This project will involve the methodologies of a literature review, focus group interviews, online anonymous submission boxes, Q-methodology, questionnaires, telephone interviews, and methodological data triangulation.

**Mode of data storage:** Data will be stored on my laptop, Google docs and backup onto an encrypted solid state 1tb hard drive (SSD). All data will require authentication to access to ensure security.

**Format of stored data:** Due to the wide variety of methodologies involved in the project, many varying types of format will be included. These include Microsoft Word documents (.doc), Microsoft Excel documents (.xls), Zoom files (.MP4 and .txt files) , Nvivo project files (.NVP), Endnote archives (.enlx), PhD notes in both physical and digital format (exported from Evernote).

**Volume of data:** The project itself is likely to require significant data storage capacity. But at the current point of this project an accurate estimate of the required data storage capacity is unable to be provided, therefore a flexible approach will be employed via the use of Google Docs (which has no maximum storage capacity) and SSD (of which multiple can be employed to increase maximum storage capacity).

**Sharing:** All formats suggested are sharable. Use of online data storage solutions increases sharing potential whilst maintaining high security levels.

**Responsibility:** The PhD student will be solely responsible for the collection, storage, and dissemination of data.

**Phase 1:**

**Data source:** Online databases will be used to collect the meta-data of literature. Additionally abstracts and .pdf files will be collected and stored accordingly with the relevant meta-data. Thematic analysis performed via Nvivo. Citation manager is Endnote.

**Format:** .pdf, .nvp, .doc, .xls, .enlx.

**Phase 2:**

**Data source:** Focus group interviews performed via Zoom will be recorded. Chat functions performed during the interviews on Zoom will be collected. Anonymous individual submission boxes during the focus group interviews via google forms. Citation manager is Endnote.

**Format: .**mp4, .txt, .doc, .xls, .enlx.

**Phase 3:**

**Data source:** Q-methodology will involve recording of participant Q-sets (at this stage .xls but may vary depending on the software used to perform Q-methodology). Demographic data via Microsoft Word. Additional questionnaire info in Microsoft Word. Randomised anonymous telephone interviews will be performed via Zoom audio only function. Citation manager is Endnote.

**Format:** .xls, .mp4, .doc, .enlx.

**Phase 4:**

**Data source:** All data collected from stages 1-3 will be cross analysed. Citation manager is Endnote.

**Format:** .pdf, .nvp, .doc, .xls, .enlx, .mp4, .txt.

Thesis shall be written in Microsoft Word. GitHub will be used as repository