Plan Overview

A Data Management Plan created using DMPonline

Title: LP teaching

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Principal Investigator: Arron Gibson

Data Manager: Edward Finch, Arron Gibson

Project Administrator: Edward Finch, Arron Gibson

Affiliation: The University of Sheffield

Template: The University of Sheffield Research DMP

Project abstract:

Evaluation of the introduction on lumbar puncture teaching into the undergraduate curriculum at the university of Sheffield. Project will begin with a training needs assessment, followed my a teaching program guided by this. teaching will then be evaluated to see if needs of the training needs assessment have been met. Students will be medical students at the university of Sheffield. Data collected by online surveys and audio from semi-structured interviews

ID: 203325

Start date: 01-06-2026

End date: 31-07-2026

Last modified: 08-05-2026

LP teaching

Defining your data

- What digital data (and physical data if applicable) will you collect or create during the project?
- How will the data be collected or created, and how will you assure the quality of your data collection and processing?
- Approximately how much digital data will be generated (in GB, MB, etc), and what formats will they be in (e.g. .docx, .txt, .jpeg)?
- Are you using pre-existing datasets? Give details if possible, including conditions of use.

Data to be collected from participants before and after teaching via questionnaires

Quantitative information on previous experience, confidence and competency on lumbar punctures before and after the teaching

Quantitative and qualitative feedback on the teaching itself

Data to be attached to a unique anonymous ID to align pre and post teaching data

Data will be collated and interpreted into an original research article which is fully anonymous with no personal identifying features

Data to be managed in excels spreadsheet

Looking after data during your research

- Where will you store digital data during the project to ensure it is secure and backed up regularly? (University research storage)
- How will you name and organise your data files?
- If you collect or create physical data, where will you store these securely?
- Will you use extra security precautions for any of your digital or physical data? (E.g. for sensitive and/or personal data)
- What metadata/documentation will you create for your data? (E.g. a README file including methodology and file structure; descriptive metadata to enable discovery in a data repository)

Store in university google drive via a university laptop.

No physical data

A 'README' file will be created with more information about the data including methodology and file structure

Storing data after your research

- Which data supporting your research conclusions will be stored on a long-term basis after the end

of the project?
- Where will the data be stored after the project (e.g. University of Sheffield repository ORDA, or a subject-specific repository) and for how long (e.g. standard TUoS retention period of minimum 10 years after the project)?
- Will your chosen long-term data storage incur any financial costs?

project will be written up at the end.

no identifiable data will be stored beyond the length of the project.

no cost

Sharing data after your research

- How will you make data available outside of the research group after the project? (E.g. shared in a repository, either openly or with controlled access)
- Will you make all of your data available, or are there reasons you can't do this? (E.g. personal data, commercial or legal restrictions, very large datasets)
- If you can't share all of your data, how might you make as much of it available as possible? (E.g. anonymisation, participant consent, sharing analysed data only)
- How will you make your data as widely accessible as possible? (E.g. include a data availability statement in publications; ensure published data has a DOI)
- Will there be any delay before making data available? If so, give the reasons for this.

Research to be shared with and made most immediately available to participants and local department. Aiming to presents the results at least with local department, but hopefully wider afield at conferences for example.

Data will be collated and interpreted within an original research article with aim to publish. The production of this will not delay sharing the results with department or participants

Data to be fully anonymised so it can be shared in it's entirety

Putting your plan into practice

- Who will be responsible for data management in the project? (There may be more than one person)
- Do you require any extra resources to put your data management plan into practice? Will this incur any financial costs?

myself, Dr Edward Finch

no help needed