Plan Overview

A Data Management Plan created using DMPonline

Title: PoWerS Study: Psychological Wellbeing for Healthcare Students: evaluation of a COVID-19 digital learning package

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Template: University of Nottingham generic Data Management Plan

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Project abstract:

We have developed an online learning resource designed to support healthcare staff during and after the COVID-19 pandemic. This resource has been produced in anticipation of the psychological effect of working during this time. This is an open access, free, online resource available here: https://www.nottingham.ac.uk/toolkits/play_22794 It is designed to be relevant for healthcare staff, and we are evaluating it now with healthcare students as our next generation of healthcare staff. We are interested in knowing more about your views of this package as a healthcare student. This will help us to determine its value as a learning resource to support psychological wellbeing in healthcare students, alongside other welfare supports. We aim to provide the e-learning package to healthcare students and conduct semi-structured interviews with up to 45 students from different healthcare disciplines who have accessed the package. This work will allow us to look at the perceived value of the package to healthcare students, which will help us to make recommendations for provisions to support the wellbeing of this student group in the future.

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Copyright information:

PoWerS Study: Psychological Wellbeing for Healthcare Students: evaluation of a COVID-19 digital learning package

Data description

What data will you create?

Digital audio recordings of individual interviews (up to 45 healthcare students).
Interviews will be approximately 30-60 minutes.
Recordings will be transcribed into word documents.

Data collection / generation

What are your methodologies for data collection / generation? How will you ensure data quality? What data standards will you use?

Qualitative data - from individual interviews. These will be conducted by researchers that have undergone training prior to project start with an experienced interviewer. All interviewers have completed GCP training in June 2020. Interviews will be guided by a semi-structured topic guide. Recordings and transcriptions will be reviewed by members of the research team to ensure appropriateness.

Data storage and security

Where and how will data will be stored, backed-up, transferred, and secured during the active phase (short to medium term) of research?

Data will be recorded on digital audio recording equipment prior to transfer to the University of Nottingham. Files will be deleted from the recording devices following transfer to the UoN network. Transcripts of the files (Word documents) will be also stored on the UoN network.
We will use UoN-provided storage for our working data. UoN licenses Microsoft OneDrive, an ISO 27001 information security management compliant service that allows secure and controlled sharing of data amongst the research team. University of Nottingham OneDrive encrypts data both in transit and at rest and is approved against the University's Handling Restricted Data Policy. The service provides continual failover support. This service provides up to 5TB free-atpointof-use, and as we do not anticipating generating more than 5TB we we will not require any additional costs for use of this service.

Data management, documentation, and curation

What are your principles, systems, and major standards for data management and creation? What metadata and documentation will you keep?

Qualitative data will be anonymised and stored as Word documents on UoN password protected storage. Access will be restricted to members of the research team.
The nature, (limited) scope, and (small) amount of data generated here make it unlikely that anyone outside of the research could productively utilise this data (it is solely and explicitly concerned with the evaluation of an educational e-package).
We do not intend to produce metadata.

Ethics & Privacy

Are there any ethical or privacy related issues associated with your data?

Personal data will be collected during this project, and the project has considered ethical and legal implications in its data storage, as well as appropriate security of personal data, including the anonymisation of personal data stored in the long term. All participants will be asked to agree to data collection and to the retention and, potentially, sharing of their anonymised data for the purposes of dissemination. Research will follow standard ethical procedures of the Faculty of Medicine and Health Sciences and the University of Nottingham. Specific aspects will be considered by the Faculty ethics committee as appropriate. Participants will be asked for their informed consent for interviews to take place and notified that they can withdraw their participation at any stage during or after the interview. As we will be working with personal data we will ensure that we comply with the Data Protection Act 2018, including GDPR requirements. This will include providing research participants with the relevant privacy information and ensuring appropriate safeguards for the storage and handling of data are in place. Where participants have not given consent for storage of their data, it will not be stored. Feedback will be held anonymously.

Data preservation

How will you ensure the long term storage and preservation of data?

Question not answered.

Data sharing and access

How will the data generated be shared and published?

The nature, scope of the study, and amount of data generated mean that there are no current plans for this data to be published or shared beyond the research team in the immediate or longer term. However, the research team will consider requests for data sharing on an individual basis.

Roles & responsibilities

Who will be responsible for managing data, data security, data quality, and data security both during the award and post-award?

The CI will be responsible for managing all data.
Other members of the team (especially those with substantive insight) will ensure the quality and appropriateness of the data generated.

Relevant policies

What are the relevant institutional, departmental or study policies on data sharing and data security?

The personal data (address, telephone number) will be destroyed after the end of the study, unless the participant has indicated that they would like to be recontacted
in the future about potential participation in future research. All other data (research data) will be stored for 7 years and the Chief Investigator will be the custodian of the data.
Data will be archived within the University of Nottingham data repository.
Following guidance from The University of Nottingham Research Data Management Policy.

IPR

Who will own the copyright and IPR of any data that you will collect or create? Will you create a licence(s) for its use and reuse? If you are planning to use existing data as part of your research, do any copyright or other restrictions determine its use?

"The intellectual property of the data generated will remain with the University of Nottingham."

Budgeting

What are the costs or funding required for capturing, processing, storing, and archiving your data?

N/A - not funded

Further Help

Would you like your plan to be reviewed by specialists in Libraries?

- No

N/A