Plan Overview

A Data Management Plan created using DMPonline

Title: Masters Dissertation Project:Content analysis of Hyperemesis gravidarum and severe Nausea and Vomiting of Pregnancy in media news

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Masters Dissertation Project:Content analysis of Hyperemesis gravidarum and severe Nausea and Vomiting of Pregnancy in media news

Data description

What data will you create?

A content analysis project protocol will be outlined and saved on a Word document (.docx). Relevant news media articles of the required time period from 01/01/2013 to present will be collected from the LexisNexis electronic database using the search terms and inclusion criteria as finalised in the project protocol.

Required research articles and bibliographic records in a RIS (.ris) format and PDF files (.pdf) will be uploaded onto Zotero reference management software .

Quantitative data from assessing the trends will be exported onto Excel spreadsheet.

A reduced sample size of newspaper articles would be then be read and thematically coded. This qualitative date will be analysed using Nvivo software.

Data collection / generation

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

The media news articles that are to be used for the analysis would be identified through a LexisNexis, an electronic database of international news media.

For the quantitative analysis, all articles mentioning HG published over the last 10 years would be considered. Articles published in English in every region of the world regardless of the news type and readership would be considered. The search term would be ‘Hyperemesis Gravidarum’ and ‘HG’.

Quantitative bibliographic data from LexisNexis could then be imported to Excel and organised. These could then be analysed for assessing trends over time.

For qualitative analysis, the search sample would be narrowed down. Only news articles published in the UK for the period from 01/01/2021 to present would be considered. After removing duplicates and irrelevant articles, a manageable subset of articles would be selected. These articles would then be read and analysed in depth using systematic coding and thematic analysis with the help of Nvivo software. Major themes of portrayal of HG could be identified.

Since there are no previous studies exploring the portrayal of HG in print media using mixed methods content analysis, new data collection is required.

- To ensure high quality, only news articles from credible sources will be considered. Steps would be taken to remove duplicate and low-quality works.

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?

The UoN-provided storage of Teams will be used for our working data. UoN licenses Microsoft Teams, allowing for secure and controlled sharing of data among the research team. Microsoft Teams encrypts data both in transit and at rest and is approved against the University's Handling Restricted Data Policy. The service provides several layers of automatic back up and, in a disaster scenario, files can be recovered. Access to data stored in MS Teams is via secure log-in with multi-factor authentication.

Reference Management Software

Bibliographic reference data and pdfs of research papers will be stored in Zotero. The laptop is secured using UoN login.

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?

A spreadsheet with the criteria for inclusion or exclusion of each newspaper article will be created and stored alongside the data. Pdfs of Newspaper articles will be stored in a seperate folder within OneDrive, and will be named using the rule 'publicationname_date'.

A PRISMA flowchart will be kept updated during the process of reviewing to ensure that the number of newspaper articles at each stage is recorded accurately.

Ethics & Privacy

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

The required content of newspaper articles and the LexisNexis database are of free and easy access to the general population and available in the public domain. It is also not of any personal or offensive subjects. So there are no specific ethical or privacy related issues to be considered, to the best of my knowledge.

Data preservation

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

Data will be kept securely until the end of the project when it will be deleted according to UoN

procedures.

If the dissertation is to be published or released into the public domain, then the spreadsheet for inclusion and exclusion, and any data from meta-analysis, will be preserved for a minimum of 7 years in the University of Nottingham research data archive (https://rdmc.nottingham.ac.uk).

Data sharing and access

How will the data generated be shared and published?

Since the dissertation is a content analysis of publicly available newspaper articles, it will be shared via the University of Nottingham data archive.

There will be no need to update the data past the project period. All published outputs will contain a Data Availability Statement including the datacite DOI that directs to the relevant data set. Data will be released at the same time as any published outputs underpinned by the data or by one year from the end of the project.

Roles & responsibilities

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

Dr Linda Fiaschi and Dr Laila Tata will supervise and guide the student to support the data management and to ensure selection of good quality data. The overall responsibility for data security is held by the University of Nottingham Chief information security officer.

The primary investigator, Chrisyl Mary Pradeep, will act as a data steward, who will manage data on a day-to-day
basis. The primary investigator will be responsible for collecting, processing and analysis of data, including transcription. Access to
data will also be given to the research supervisor, who has a responsibility to ensure data security and quality. The University of
Nottingham has a responsibility to ensure data stored using Office365 remains secure.

Relevant policies

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

The relevant institutional policies are the University's Research Data Management Policy, Information Security Policy, Code of Research Conduct and Research Ethics.

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?

Copyright & IPR for all project research data is owned by University of Nottingham.

Budgeting

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

Since the study is a content analysis of newspaper articles available in the public domain, there are no costs involved.

Further Help

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

Saving this plan after checking the "Yes" box will immediately notify Libraries DMP review service, please only do this when you are ready for review.

- No

Would you like a reminder and further guidance on depositing your data? If so, indicate when would be most useful.

Guidance is sent out twice a year, but you can contact library-researchsupport@nottingham.ac.uk at any time for further support.

- No further support