Plan Overview

A Data Management Plan created using DMPTuuli

Title: Nurses' perceptions to physical restraint use and the rules regulating them in medical wards

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Template: DMP for Thesis

Project abstract:

Purpose: This thesis describes the use of physical restraints in the medical wards of the internal medicine wards of HUS by nurses to enable the implementation of the necessary treatments for patients, ensure patients' safety, the safety of others, and to limit patients' violent behaviors.

Aim: The research will study the perceptions of nurses to physical restraints use and the rules regulating them with the aim of ensuring that nurses comply with the rules and duly consider ethical issues arising from such use for improved patient outcomes. This study will provide insights into the factors influencing the use of physical restraints, the level of adherence to rules regulating them, and the training needs of those nurses to improve competence.

Research question: This study seeks to answer the research questions; what kinds of experiences and challenges do nurses have regarding physical restraint use at the internal medicine wards of HUS; what kinds of ethical considerations do the use of physical restraints elicit; and how do nurses perceive the organizational guidelines related to physical restraints?

Study design: The study makes use of qualitative research approach using electronic questionnaire to conduct this research. The study will be conducted at the medical wards of the internal medicine wards of HUS, with research participants being recruited through the ward managers. Participants included in this research are practical and registered nurses in clinical roles with at least 12 months work experience and who have direct experience implementing physical restraint on a patient. Timeline for data collection is 1 month. Data obtained from this study will be analysed through content analysis.

Keywords: Physical restraints, coercive measures, medical wards, rules and guidelines,

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Nurses’ perceptions to physical restraint use and the rules regulating them in medical wards

1. General description of the data

1.1. Briefly describe the data you collect and/or produce or that already exists, as well as their properties (type, file format, size, access rights, collection methods). Create a table or list of the data.

Qualitative survey with open-ended questions, MS-word file, to be collected electronically through e-lomake, 31.5 KB

1.2. How do you ensure the consistency and accuracy of the data?

A copy of the original survey data will be saved in MS-word format before processing.

2. Personal data, ethical principles and legislation

2.1. Does the data contain any personal information? If yes, enter in the supplementary information field: the personal data to be collected, whether there are special categories of personal data.

- Ei

2.2. Who has the main responsibility for the processing of personal data, i.e. controllership? If you do not collect personal data, you can skip this question.

Question not answered.

2.3. What measures are required to ensure data protection in my thesis? If you do not collect personal data, you can skip this question.

Question not answered.

2.4. Do you need an ethical review? To the additional information field: justification and possible implementation

No

2.5. Are there other research ethical questions related to the data?

No

2.6. How will you manage the rights to the data you use, produce and share?

Describe here how you will agree on the rights of the research data collected, produced and (re)used in the thesis. Describe the procedures for transferring rights that apply to your data.

As the researcher, i retain the rights to the data collected. Should there be need to transfer any rights to the research data to the university or HUS, such transfers of rights will be agreed upon separately.

3. Data description and documentation

3.1. How do you describe and document the data in an understandable way?

Survey answers are returned in either Finnish or English language. Returned surveys in Finnish are translated into English using (official) translators. Collated data will be processed by using inductive thematic approach to analyze and code data into key themes, categories, and abstraction.

4. Storage and data security during the thesis process

4.1. Describe here where the data will be stored and how it will be backed up during the thesis process.

The collated data will be stored in digitally encrypted word and pdf formats on Metropolia’s one drive cloud services.

4.2. Who has access to your data, what can those people do with the data, and how do you ensure the safe transfer of the data to your potential collaborators?

HUS and the supervising teacher. The research data will be safely shared with the commissioning organisation, HUS, with viewing rights only through Metropolia's one drive.

5. Data after the thesis is completed: preserving, destruction or possible further use and opening

5.1. Is the data or part of it preserved? If yes: describe which data or part of it.

- Kyllä

Responses to questions on experiences and the use of physical restraints will be preserved in an encrypted external hard drive.

5.2. Will the data be destroyed or part of it? If yes, describe which data or part of the data, and how and when the destruction will occur.

- Kyllä

The stored data will be deleted 3 years post research and the external drive destroyed, unless otherwise required by HUS. The researcher's access to Metropolia's one drive expires some months after graduation, this necessitates the use of external hard drive for long term storage.

5.3. Are you planning to further use or open your data or part of it? If yes, describe which data or part of it. Also describe whether the data will be opened for public use with a license, or whether it will be handed over to a specific party for further use, as well as the possible measures that opening the data or preparing for further use requires (for example, anonymisation, permissions from research subjects, agreements with collaborators).

- Kyllä

The collated data may further be used to publish an article on physical restraints or in further studies on related themes.

6. Responsibilities and resources

6.1. Who is responsible for data management and what kind of resources does data management require?

The commissioning party, through its named representative, helps in participants' recruitment and data collection through disseminating the survey

links to the consenting participants. The researcher organises the data collection by creating the surveys using e-lomake and forwarding same to the named HUS representatives, who will then forward same the participants for completion. The researcher ensures data quality, security/ protection, storage and backup. Data procession may take 2 weeks after collation, after which the researcher completes and submits the thesis for grading.