

Plan Overview

A Data Management Plan created using DMPTool

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Title: Clinicians' Attitudes towards Responding and Escalating care of Deteriorating patients scale: Translation and validation for the Portuguese population

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Template: Digital Curation Centre

Project abstract:

The "Clinicians' Attitudes towards Responding and Escalating care of Deteriorating patients scale" (CARED), is a scale that was developed by Chua et al., (2020) in order to measure nurses' attitudes and perceptions towards responding to and implementing interventions in the provision of care to patients in clinical deterioration. According to its authors, the scale gives hospitals the opportunity to evaluate and review their rapid response system and, from there, identify specific strategies to help nurses improve their role in assisting and caring for deteriorating patients.

The research question of the study will be: "Does the Clinicians' Attitudes towards Responding and Escalating care of Deteriorating Patients scale have adequate psychometric characteristics for the Portuguese population?". To answer this question, this dissertation project will have the general objective of "Culturally and linguistically adapting the CARED scale, giving rise to its Portuguese version". And specific objectives: "Translate the CARED scale into Portuguese", "Adapt the CARED scale to the Portuguese cultural context", and "Analyze the psychometric characteristics of the CARED scale translated into Portuguese". The process of translating and validating the scale will be based on the method of cross-cultural adaptation of measuring instruments proposed by Beaton et al. (2000), complemented by the attributes of Sousa Rojjanasrirat (2011) and Vilelas (2020).

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Clinicians' Attitudes towards Responding and Escalating care of Deteriorating patients scale: Translation and validation for the Portuguese population

Data will be collected using an anonymized questionnaire consisting of two parts (I and II). Part I consists of an introductory note, where a brief explanation of the questionnaire will be presented (what it is for, what it consists of and how long it will take to complete), containing an explanation of the guarantee of ethical issues (such as anonymity, confidentiality and the scope of the study) and, at the end of this part, the request for informed consent and authorization to participate in the study.

Only those participants who intend to take part in the study will go on to Part II, made up of three sections (A, B and C). Section A consists of the sociodemographic characterization of the professionals (gender, age, educational qualifications, functions, service in which they work, length of time in the profession and current service), Section B will be the scale itself (made up of closed-response items in a five-point likert scale format, from 1 (Strongly disagree) to 5 (Strongly agree)), and Section C corresponds to an open field where participants can make suggestions.

An online questionnaire built on the Google Forms platform will be used and accessed via a hyperlink disseminated through institutional communication channels or a QRCode printed on information posters displayed in the units and services of the hospital hosting the study.

The data will be organized in tables and stored in .xlsx files that can be read using MS Office Excel, LibreOffice Calc or other software.

The study will be subject to authorization by the Board of Directors and Ethics Committee of the hospital hosting the study. Nurses' participation will be conditional on obtaining free and informed consent.

The raw research data will be managed by the researchers responsible, who may allow it to be shared and used by third parties under the terms of article 27-B of Law 68/2021 of August 26. All bibliographical references and/or data and information to be used must give credit to the authors of the scientific article or dissertation.

The databases will be stored in .xlsx files and stored via Google Drive in the institutional account of the researcher responsible for data management. The databases will be backed up on two computers of the researchers responsible and on external hard disks.

The databases will be accessed using a password to access the files and computers of the researchers responsible for managing the data.

The data will be stored for at least ten years on Google Drive, personal computers and external hard drives. Data may be shared upon request to the researchers responsible for data management. Data will only be shared once the work resulting from this research has been accepted for publication or published.

In addition to the data to be preserved on Google Drive, researchers' computers and hard drives for at least ten years, the results obtained through data analysis will be compiled in the form of reports, scientific articles, book chapters and communications made available for public access.

The results of this research will be used to prepare research articles for submission to journals. They will also be presented at national and international scientific events.

The reports, scientific articles, book chapters and communications can be accessed from the institutional repository of the Lisbon School of Nursing (<https://comum.rcaap.pt/handle/10400.26/36992>).

Once the research results have been published, access to the data may be granted provided a formal request is made to the researchers responsible for data management. The shared data may be used by means of a cooperation agreement for academic and scientific purposes or by referenced citation.

There are no restrictions on sharing data. All bibliographical references and/or data and information used must credit the authors of the scientific article in which the study was published.

The data will be collected by Nurse Paula Chen, a Master's student in Nursing Management at the Lisbon School of Nursing. The production of meta-data will be supervised by Professor Paulo Cruchinho, who will be responsible for storing, archiving and sharing the study's data.

In order for the plan to be effectively carried out, it is necessary to maintain "Google Drive", through the institutional account provided by the Lisbon School of Nursing (Portugal). In addition, funding is required for publication fees for the publication of scientific articles.
