Research Data Management: Developing an Institutional Policy and Questionnaire to Assess Researchers' Knowledge and Attitudes

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Resumo

In line with open science and research data management principles, the Health Sciences Research Unit: Nursing (UICISA: E) initiated a project to develop an institutional research data management policy. One core responsibility of research institutions is to offer up-to-date training to researchers. To design effective training, it is essential to first assess knowledge levels and identify potential attitudinal gaps. Since no standardized tool for assessing researchers' knowledge and attitudes was available, the team decided to develop a questionnaire. This project aims to support targeted educational interventions, including workshops and discussion forums.

The project includes three main phases:

Development of an Institutional Research Data Management Policy: A working group comprising two professors, one researcher, one postdoctoral fellow, and two PhD students was formed. Since December 2024, the group has met monthly to draft the policy, guided by national (FCT) and international (UNESCO, EU) frameworks and aligned with UICISA: E's mission. Senior expert from FCCN reviewed the draft and included: (1) definitions and Open Science principles, (2) institutional responsibilities, and (3) researchers' responsibilities across the data lifecycle.

Design of a Questionnaire: Due to the lack of a standardized instrument in line with our purpose, a questionnaire was created based on literature and existing tools. Ten experts reviewed the draft for content validity, and feedback was integrated through working group discussions.

Assessment of Knowledge and Attitudes: The final questionnaire will be distributed via Google Forms to all UICISA researchers. Results will inform the planning of targeted training to improve research data management literacy and foster Open Science practices.

This initiative supports UICISA: E's Open Science strategy and encourages responsible, informed research data management among nursing researchers.

Palavras-chave: Open Science, Research Data Management, Questionnaire, Knowledge, Attitudes