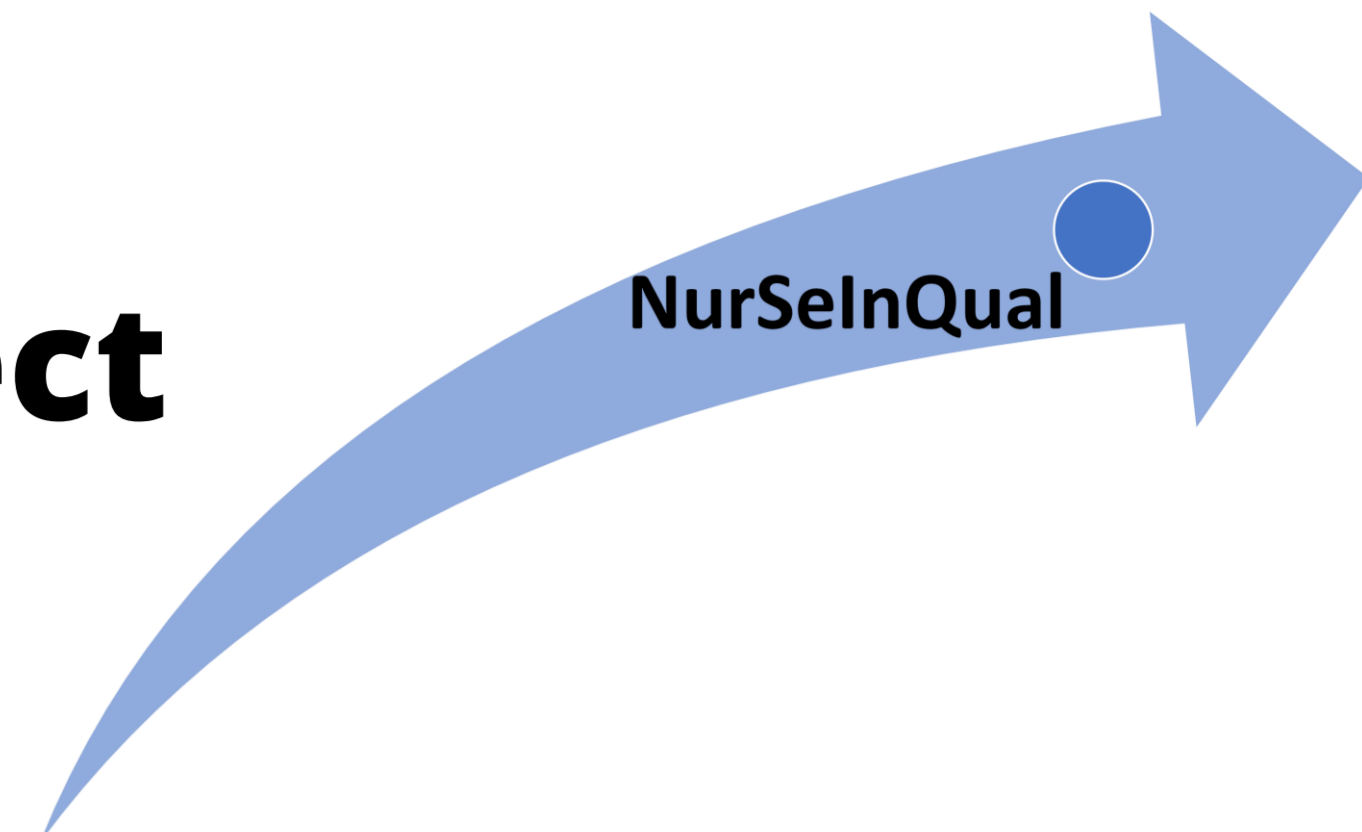


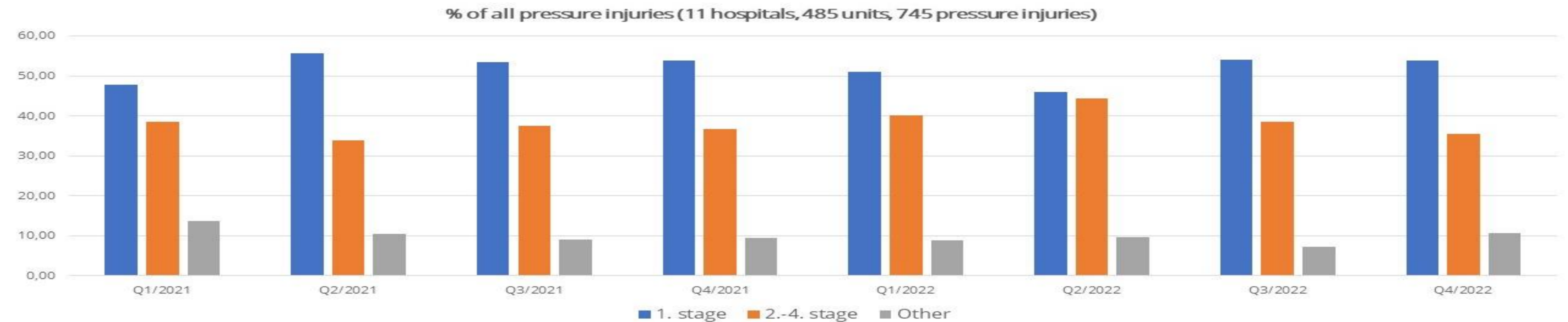
Nursing Sensitive Indicators in Finland - A National Registry Study Project



Background: Internationally nursing care quality and nursing sensitive indicators have been a major interest in research for decades. In Finland, all university hospitals (n=5) created a network to collect national nursing sensitive data for benchmarking purposes in 2016. After it, several central hospitals have joined to the network. Currently there are 12 health care organizations working with the researchers of five universities in a project called Nursing Sensitive Indicators in Assessing and Developing Nursing Care Quality (NurSelQual).

Purpose: To describe and explain nursing sensitive indicators (nurse engagement, patient satisfaction, pressure injuries and falls) and related factors. In addition, the purpose is to identify the changes by time within the indicators and possible influencing factors.

Aim: To produce nursing research knowledge and useable information to develop clinical nursing care and finally create a national nursing sensitive indicator registry in Finland.



Methods: A registry study design. Dataset of Patient satisfaction scale with 22 questions in five-point Likert scale from years 2019-2021 (N: 10499-17337 adult patients). Nurse Engagement Scale (NESplus survey) with 53 statements in six-point Likert scale from years 2019-2022 (N: 4585-8640). Data on inpatient falls and pressure injury prevalence cover years 2021 and 2022. Data are analyzed statistically with descriptive and regression analyses. Ethics: Ethical guidelines and EU data protection regulation rules were followed.

Results: Currently, researchers in four workpackages of NurSelQual are writing more than 10 scientific articles in small groups in this unique collaboration. First manuscripts will be submitted in fall 2023. Preliminary results show the variation between years and hospitals. Example figure 1. Pressure injuries in different stages 2021-2022 in 11 hospitals and 485 units.

Conclusions: The results of regular nursing sensitive data collection have already been useful for the organizations' quality evaluation and development and also in processes towards future Magnet hospital designation.

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