

CARE-CDS

Collaborative Approach: Reducing care challenges through Evidence-based nursing Practice and Clinical Decision Support

ABSTRACT

The aging population increases the number of geriatric patients with complex care needs, which often lead to unplanned hospitalizations. Up to 35% of these hospitalizations are avoidable with effective primary care. Such preventable hospitalizations strain healthcare systems, increase costs due to prolonged stays, and negatively impact patients' quality of life. Integrated, person-centered, and evidence-based approaches are essential to reduce admissions, improving healthcare efficiency, and enhancing patients' quality of life. However, nursing homes and home care services face challenges such as staff shortages and high workloads, compromising care quality. Optimizing nursing processes through evidence-based, person-centered care plans and therapeutic interventions is essential to addressing these challenges. Digital tools, such as the VAR Healthcare system, provide healthcare professionals with real-time, evidence-based recommendations, improve decision-making, reduce errors, and enhance workflow efficiency. However, a digital solution alone does not automatically change nursing workflows or decision-making. A research gap exists in healthcare and nursing science regarding the use of clinical decision support tools, like VAR Healthcare, in geriatric care. This research focuses on achieving sustainable digital transformation in nursing practice to reduce avoidable hospital admissions. Additionally, the project aims to enhance geriatric care quality through evidence-based, efficient, and person-centered nursing care plans, supported by the digital decision support tool VAR Healthcare, aligning with the goal of delivering better care closer to home.

KEYWORDS

- Digital
- Decision support
- Nursing care
- Documentation
- Evidence-based knowledge
- Nursing home care
- Nursing home

DURATION

36 months

PARTNERS

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