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UNIVERSUM
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NEWSLETTER #3



Promoting competencies in Nursing Informatics

Capacity building in nursing informatics competencies for nursing students and professionals to foster the digital transformation of health care

Digitalization in our society and in healthcare is increasingly affecting the work of nurses. Nurses play a crucial role in using and promoting digitalization, yet they often lack the needed skills to efficiently use digital tools. Including nursing informatics skills in Vocational Education and Training would enhance their employability in various roles, support their personal development and foster modern health care. Our aim is thus to promote competencies in nursing informatics for nursing VET students ("initial VET") and for professional nurses ("continuing VET"). In Kosovo, in line with the Kosovo Education Strategy Plan, the focus of this project is on providing nursing informatics skills for nursing students in secondary education and on offering C-VET for nursing professionals. In Israel, our focus is on training professional nurses in telehealth and telenursing as part of the national strategy on digital health care.

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NEWS LETTER



Prof. Fabio D'Agostino Leads Systematic Review on Digital Competence in Nursing

As the healthcare sector undergoes rapid digital transformation, the need for nurses to develop strong digital and informatics skills has become increasingly vital. In response to this, Prof. Fabio D'Agostino, RN, PhD, Associate Professor and President of the Nursing Degree Program at UniCamillus – Saint Camillus International University of Health and Medical Sciences, has led a systematic literature review to identify and evaluate instruments that measure digital competence in nursing, with a special focus on nursing informatics.

Conducted under the framework of the NURIC Project, the study followed PRISMA guidelines and a registered research protocol to ensure scientific rigor and transparency. A comprehensive search was carried out across major international databases to identify tools used worldwide for assessing digital competencies among nurses.

Each instrument was examined for its measurement properties based on internationally recognized standards, and the overall evidence was systematically graded.

The primary aim of this review is to select a reliable and valid tool for evaluating nursing informatics competencies within NURIC's training courses. The findings will inform the design of educational strategies that strengthen nurses' digital readiness and foster their ability to adapt to future technological advancements in healthcare.

"Digital literacy is no longer optional in nursing—it's a core competency,"

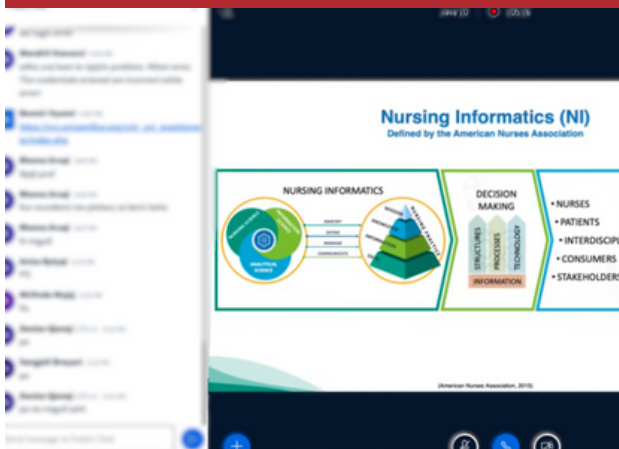
said Prof. D'Agostino.

"By identifying robust and evidence-based assessment tools, we can better guide training programs that prepare nurses for the realities of digital healthcare."

This study marks an important milestone in advancing evidence-based education in nursing and highlights the commitment of UniCamillus and the NURIC Project to promoting excellence in digital health competence.



Universum International College Expands Digital Nursing Education under the NURIC Project



OVERVIEW

Universum International College proudly announced the launch of its first nano-course, "Introduction to Nursing Informatics", as part of the European-funded NURIC Project (Nursing Informatics Competence). This milestone marks a major step toward modernizing nursing education in Kosovo by embedding digital health and informatics skills into the national nursing curriculum.

The new course introduces nursing students to key concepts in digital literacy, data management, and technology-driven healthcare. Through interactive modules, students gain foundational knowledge of how informatics supports clinical decision-making, enhances patient safety, and improves healthcare efficiency. Building on this success, Universum is now preparing to launch four additional nano-courses that further strengthen nurses' digital competencies:

- Artificial Intelligence (AI) in Nursing
- Electronic Health Records (EHRs)
- New Technologies in Nursing Practice
- Telehealth

These upcoming courses will be integrated into the sixth semester of the Bachelor of Nursing program, ensuring that graduates are equipped with the digital skills needed for modern clinical environments.

"Our goal is to empower future nurses with the tools and knowledge to lead in a digital healthcare system,"

said Universum's NURIC project team.

"With these courses, we are preparing students for the realities of tomorrow's healthcare."



Sheba Medical Center Launches Pilot Module on Nursing Communication Skills in Telemedicine



OVERVIEW

As part of the European NURIC Project, Sheba Medical Center successfully launched a pilot module titled “Nursing Communication Skills in Telemedicine.” The course, led by Prof. Gadi Segal, was designed to enhance nurses’ ability to communicate effectively in digital and remote care environments.

Delivered in a blended learning format, the module focused on building rapport with patients, improving clarity in virtual consultations, and addressing communication barriers in telemedicine. Ten senior nurses participated in the pilot, completing digital self-assessments and engaging with practical case studies and demonstration videos.



Participants praised the relevance of the training, especially for managing remote patient interactions and leading care teams. The feedback will guide improvements for future NURIC modules, including enhanced examples and navigation tools.

The pilot represents a key step toward strengthening digital communication competence among healthcare professionals and advancing innovative nursing education across Europe.



Sheba Medical Center and HIT Pilot Course on “The Uniqueness of Health Data”



OVERVIEW

As part of the NURIC Project, Sheba Medical Center, in collaboration with the Holon Institute of Technology (HIT), successfully conducted the pilot course “The Uniqueness of Health Data.” The module was part of the Nurse Practitioners Certificate Program and focused on deepening nurses’ understanding of medical informatics and electronic health records (EHRs).

Led by Philip Libman, the course combined in-person and online sessions, introducing participants to recent developments in data analysis technologies. Ten senior nurses from Sheba Medical Center took part, engaging actively in discussions and providing valuable feedback.



Participants found the module relevant and engaging, particularly for its focus on data-driven healthcare. They recommended adding more practical examples and refining pacing to further enhance clarity.

This pilot marks another step forward in strengthening digital health competencies within nursing education, supporting the NURIC project’s mission to prepare nurses for the evolving landscape of healthcare innovation.



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