

Assessment 1: Nursing Informatics in Health Care

Name

Capella University

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Nursing Informatics in Health Care

The inclusion of telehealth technologies is crucial in enhancing the health outcomes of remote and underserved populations. They increase access to care, facilitate timely interventions, and reduce geographic and financial barriers to treatment. This proposal highlights how Nurse Informaticists (NIs) can utilize telehealth to promote continuity of care, facilitate early diagnosis, and enhance the overall health of the population.

Nursing Informatics and the Nurse Informaticist

Nursing informatics is a critical specialty that enables the management and sharing of health information to achieve better outcomes by integrating knowledge from nursing, computer science, and information technology, thereby supporting and promoting telehealth. It enables nurses to remotely monitor patients using digital tools, analyze health data, and inform clinical decisions (Nashwan et al., 2025). A Nurse Informaticist (NI) is a registered nurse with IT expertise who assures the effective and safe utilization of telehealth technologies within the health care environment. They educate employees, oversee the implementation of virtual care solutions, and utilize data-driven approaches to deliver precise and timely care (American Nurses Association, 2024). An illustrative case is Dr. Bonnie Westra, who has taken it a step further to ensure the integration of telehealth by advocating the use of standardized nursing data to facilitate virtual care decision-making (Institute for Health Informatics, n.d.). NIs play a critical role in rural and underserved regions, where they can help design telehealth systems that are easy to use, train clinicians, and examine usage statistics to enhance access, decrease time to care, and ensure patients receive follow-up care.

Nurse Informaticists and Other Health Care Organizations

Healthcare organizations throughout the U.S. have been hiring Nurse Informaticists (NIs) to support care delivery using telehealth to underserved and remote populations with greater frequency. Telehealth systems enable NIs to facilitate real-time communications, oversee virtual consultation, and follow-ups.