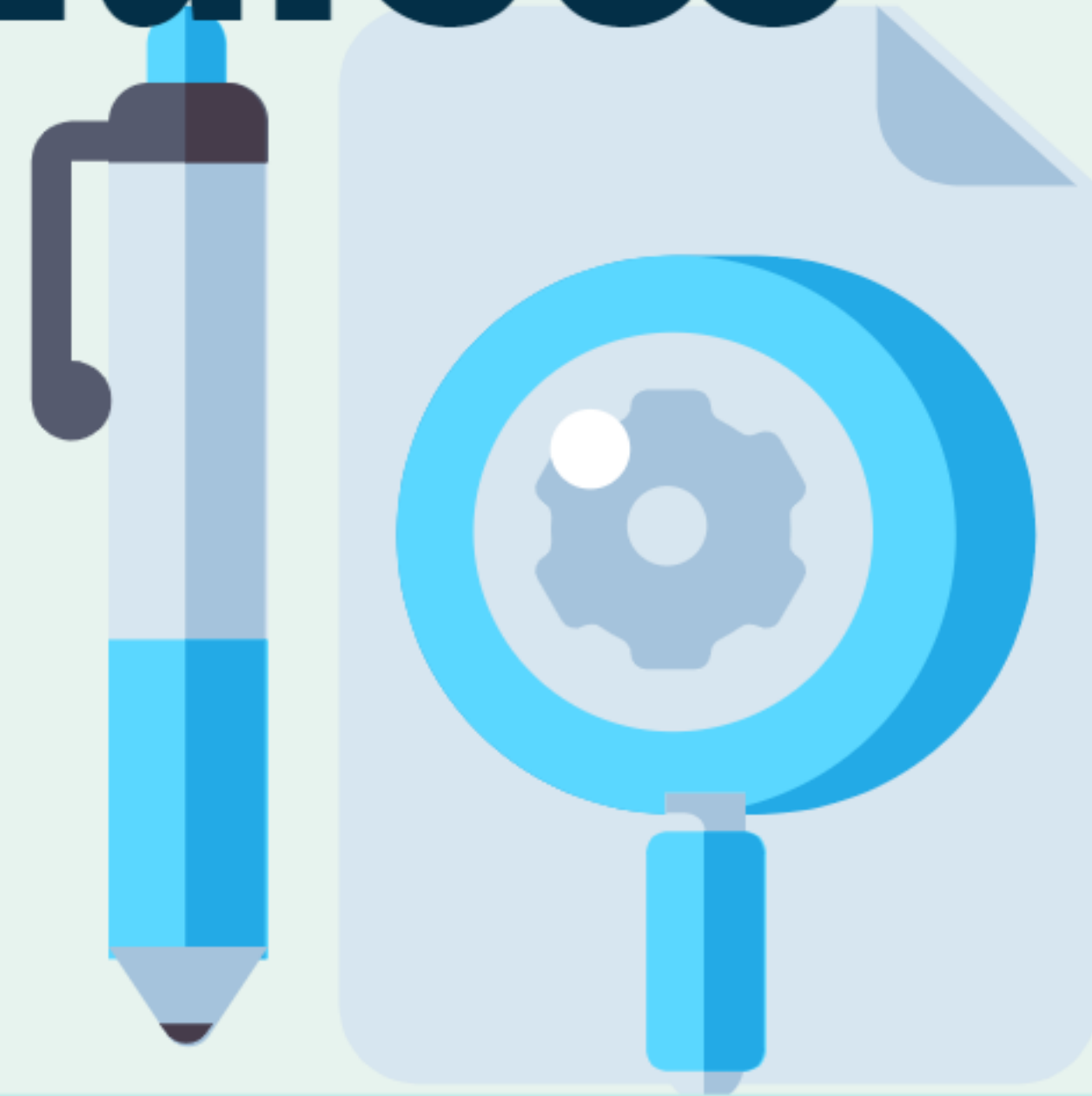# Computerized Technology for Nurses to Maintain Sustainability in Health System

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Introduction

• The study investigates nurses' perceptions of computerized technology and its impact on sustainability in healthcare.
• Emphasizes the critical role of nurses in adopting technological advancements to enhance care quality and community health.

Methodology

Design: Mixed methods approach.
Participants:
-214 nurses via questionnaires (email)
-10 in-depth semi-structured interviews.
Tools Used:
-Technology Acceptance Model Questionnaires
-Professional Self-Identity Questionnaire (PSIQ)

Key Findings

Perceived Benefits of Technology:
-Years of nursing experience positively correlate with technology acceptance.
-Ease of use and job relevance enhance perceptions of technology's benefits.
-Higher output quality linked to effective technology use.

Professionalism and Care Quality:
-Adopting new roles and behaviors through technology fosters improved quality of care.
-Nurses' professional identity evolves with technological integration, enhancing community health outcomes.

Sustainability and Teamwork:
-Emphasizes the need for multi-professional collaboration to implement technology effectively.
-Global sustainability goals can be achieved through shared practices across countries.

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Pearson correlations between age and seniority in nursing and the study variables (N = 213)

Positive and significant correlations between age and years of experience in nursing and the acceptance of technology.

Age	Seniority in nursing	
.38***	.48***	Professional identity
.20**	.32***	Cognitive instrumental processes
0.11	0.13	Social influence processes
.26***	.37***	Perceived usefulness
0.06	0.11	erceived ease of use
.23***	.38***	Job relevance
.15*	.24***	Output quality
0.06	0.14	Result demonstrability
0.13	.17*	Subjective norm
0.05	0.01	Image

Conclusions

- Nurses are pivotal in leveraging computerized technology for sustainable healthcare.
- The study highlights the necessity of integrating technology in nursing practices to improve health outcomes and support community well-being.

Implications for Practice
Continuous education and training in technology for nurses.

"Imagine a healthcare system where technology empowers nurses to revolutionize patient care. This is the future we are striving for "