

# *Editorial Message*

**T**he digital transition of healthcare delivery remains a complex and ongoing endeavor, with contextual variation continuing to challenge the development of Sustainable Health Information Systems (HIS). Modern alchemists, must balance methodological precision with the understanding of the diverse clinical environments in which these systems operate. Within this evolving landscape, e-health in nursing plays a vital role by integrating technologies such as electronic health records (EHRs), telehealth platforms, and mobile health applications to enhance patient care, communication, and operational efficiency. This transformation era has fundamentally reshaped healthcare delivery, including the domain of nursing practice. Health Information Systems (HIS) and e-healthcare are no longer just technological innovations but have become essential pillars for achieving sustainable, efficient, and responsive nursing care. This supplementary issue of the Malaysian Journal of Nursing entitled Sustainable Health Information System (HIS) & e-Healthcare in Nursing, explores the progress, challenges, and future directions in nursing informatics. It highlights the importance of persistence, contextual awareness, and collaboration in advancing digital healthcare solutions that are not only innovative but also sustainable in the long term.

This issue offers a rich collection of articles examining the integration of Health Information Systems (HIS) into clinical nursing practice, the development of mobile apps for chronic disease management, AI-driven decision support tools, and chatbots for enhancing therapeutic communication. It showcases a global commitment to contextually adaptive digital health innovations. Featured studies highlight improvements in nursing documentation, early clinical risk detection, and nurses' roles in data-driven decision-making. Additional contributions emphasize sustainability, user-centered design, data security and digital health literacy. The theme strongly aligns with key Sustainable Development Goals (SDGs), particularly SDG 3 (Good Health and Well-being) and SDG 9 (Industry, Innovation, and Infrastructure) that strengthens health system infrastructure through the integration of smart technologies and data-driven approaches. Furthermore, the growing emphasis on digital competencies among nurses contributes to SDG 4 (Quality Education) by promoting continuous professional development and digital health literacy. Therefore, in this manner this supplement reflects a collective commitment towards nursing informatics as a catalyst for achieving sustainable, inclusive, and equitable healthcare systems. In this manner this issue encourage continued exploration of the critical topics, including health information system (HIS) and electronic health systems along with other competing priorities.

We extend our heartfelt thanks to the contributing authors, partner institutions, peer reviewers, and editorial team whose dedication made this special issue possible. It is our hope that this collection serves not only as a valuable academic resource but also as a catalyst for future innovations in creating inclusive, secure, and sustainable digital healthcare solutions in nursing.

**Linlin Lindayani  
Nyayu Nina Putri Calisanie  
(Guest Editors)**