

MEDIA RELEASE

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NUHS CHAMPIONS QUALITY, SAFETY AND VALUE IN THE RESPONSIBLE ADOPTION OF AI AND HEALTHCARE INNOVATIONS

NUHS Quality Day 2026 highlights how digital innovations strengthen patient safety, clinical excellence and sustainable care delivery

SINGAPORE — Artificial intelligence (AI) and data-enabled quality systems are increasingly reshaping how the National University Health System (NUHS) anticipates clinical risks, strengthens decision-making and delivers safe, value-based care – from predicting patient load in the Emergency Department to identifying high-risk cases earlier at the bedside.

These developments take centre stage at the **NUHS Quality Day 2026**, where NUHS also marks the launch of its **Clinical Quality & Patient Safety e-Book**, a practical compendium of innovations, lessons and best practices across the academic health system.

Advancing responsible, data-driven care

Driving this transformation is the **NUHS Institute of Clinical Quality (NICQ)**, the cluster's central hub for quality improvement, best-practice adoption, as well as operational innovation and measurable patient outcomes. Led by Professor Quek Swee Chye, Executive Director of NICQ, the institute focuses on five key domains:

- Quality improvement and patient safety training
- Improvement and implementation
- Data and innovation
- Research and publication
- Value-based care

NICQ serves as a platform for cluster-wide learning, evidence-based practice adoption and scalable improvement, strengthening consistency and reliability of care across NUHS institutions.

Professor Quek Swee Chye said: “Quality and patient safety must remain the anchor of every innovation we introduce. AI and data can help us anticipate risks earlier and design more reliable care systems, but their value lies in how responsibly they are implemented, evaluated and integrated into clinical practice to benefit patients.”

He added: “As healthcare professionals, we must be committed to the responsible adoption of healthcare innovation, ensuring that emerging technologies are rigorously assessed against clinical outcomes, patient safety, workforce impact and cost-effectiveness, and translated into meaningful improvements for patients.”

Strengthening partnerships and cross-sector perspectives

NUHS Quality Day 2026 brings together senior policymakers, clinicians and international experts to examine how digital innovation can be safely embedded into everyday clinical practice.

Guest of Honour Ms Lai Wei Lin, Permanent Secretary (Policy & Development), Ministry of Health, will deliver the opening address. International perspectives will be shared by Professor Koon Ho Rha, Yonsei University and Director of NAVER Healthcare Lab, Korea, on “Digital Healthcare 2026: Clinical Quality in an Age of Generative AI” and Dr Ross Wilson, CEO of RMW Consulting, U.S., on “Quality Journey in Healthcare and Lessons Learned”.

A panel discussion moderated by Professor Quek and Adjunct Associate Professor Amelia Santosa, the Chairperson of the NUHS Quality Day Organising Committee, with a panel of senior quality leaders from the Ministry of Health, SingHealth Duke-NUS Institute for Patient Safety and Quality, and NHG Health will explore how healthcare systems can translate technology adoption into tangible gains in quality, safety and value, while strengthening cross-institutional collaboration and governance.

Through NUHS Quality Day 2026 and the launch of the Clinical Quality & Patient Safety e-Book, NUHS continues to advance a culture of continuous learning, responsible innovation and system-wide collaboration – strengthening trust, outcomes and sustainability across Singapore’s public healthcare system.

Chinese Glossary

National University Health System (NUHS)	国立大学医学组织 (国大医学组织)
NUHS Quality Day 2026	国大医学组织质量日 2026
NUHS Institute of Clinical Quality (NICQ)	国大医学组织临床质量研究所
Clinical Quality & Patient Safety e-Book	《临床质量与病人安全电子手册》
Professor Quek Swee Chye Executive Director NICQ	郭瑞财教授 执行主任 国大医学组织临床质量研究所
Adjunct Associate Professor Amelia Santosa Chairperson of the NUHS Quality Day Organising Committee	Amelia Santosa 客座副教授 筹委会主席 国大医学组织质量日 2026
Ms Lai Wei Lin Permanent Secretary (Policy & Development) Ministry of Health	赖慧玲 卫生部常任秘书 (政策与发展) 卫生部

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About the National University Health System (NUHS)

The National University Health System (NUHS) aims to transform how illness is prevented and managed by discovering causes of disease, development of more effective treatments through collaborative multidisciplinary research and clinical trials, and creation of better technologies and care delivery systems in partnership with others who share the same values and vision.

Institutions in the NUHS Group include the National University Hospital, Ng Teng Fong General Hospital, Jurong Community Hospital, Alexandra Hospital and the upcoming Tengah General and Community Hospital; three National Specialty Centres – National University Cancer Institute, Singapore (NCIS), National University Heart Centre, Singapore (NUHCS) and National University Centre for Oral Health, Singapore (NUCOHS); the National University Polyclinics (NUP); Jurong Medical Centre; and three NUS health sciences schools – NUS Yong Loo Lin School of Medicine (including the Alice Lee Centre for Nursing Studies), NUS Faculty of Dentistry and NUS Saw Swee Hock School of Public Health.

With member institutions under a common governance structure, NUHS creates synergies for the advancement of health by integrating patient care, health science education and biomedical research. As a Regional Health System, NUHS works closely with health and social care partners across Singapore to develop and implement programmes that contribute to a healthy and engaged population in the Western part of Singapore.

For more information, please visit www.nuhs.edu.sg.