

'From Challenges to Solutions: What Australia Can Teach Us About Implementing Electronic Health Records'

By: A/Prof. Amina Tariq

Friday, 1 August 2025

1:45pm to 4:00pm (Jakarta time)

Indonesian graduates and scholars of Australian tertiary institutions who are interested in attending this event, please RSVP by Wednesday, 30 July, via this link:

<https://oz.link/rsvpGL1AUG>

**Due to the limited availability of places, early registration is recommended. A link to this event will be shared with you after registration.*

Lecture overview

In today's rapidly evolving healthcare landscape, the move towards digital solutions presents significant opportunities as well as complex challenges. One key transformation is the shift from fragmented, paper-based records, to integrated Electronic Health Records (EHRs).

In this interactive session, A/Prof. Tariq will explore how EHRs can improve patient care by reducing prescription errors and increasing efficiency. She will also discuss common barriers to adoption, such as inconsistent formats, data security concerns, and workflow disruptions.

The lecture will further explore the broader socio-technical challenges of implementing EHR systems at scale, including issues related to information quality and system usability. A/Prof. Tariq will highlight the critical role of skilled digital health leadership and share practical insights, particularly relevant for countries such as Indonesia, which are undergoing significant digital health reforms.

By the end of the session, participants will gain a clearer understanding of how EHR data can be used not only to support daily operations, but also to drive long-term, patient-centred healthcare innovation.

Amina Tariq is an Associate Professor in the School of Public Health and Social Work, Queensland University of Technology (QUT), where she leads innovative research at the intersection of digital health, technology, and patient care. Passionate about improving healthcare systems, A/Prof. Amina investigates how digital tools can transform hospitals, primary care, and aged care facilities, making healthcare safer, smarter, and more efficient.

Prior to joining QUT, she served as a postdoctoral research fellow at the Centre for Health Systems and Safety Research at Macquarie University, contributing to nationally significant health innovation projects. Her research is highly collaborative, involving strong partnerships with industry and government, and securing over AUD 2 million in competitive research funding.

A/Prof. Tariq has authored more than 50 publications, including journal articles, conference papers, and industry reports. She also co-edited the book *mHealth Innovation in Asia: Social and Cultural Considerations*, published in 2018. Her work has garnered international recognition, with keynotes and invited talks at institutions such as the Tokyo Institute of Technology and Mori Labs in Japan.

In 2005, A/Prof. Tariq won second place among 24 countries worldwide for her software presentation titled 'A Distributed Services-Based Conference Planner Application Using Software Agents, Grid Services and Web Services' at the Fourth International Joint Conference on Autonomous Agents and Multiagent Systems in the Netherlands. The project demonstrated her ability to develop intelligent software systems with real-world applications in e-health, e-government, and e-science.



Amina Tariq

Associate Professor
School of Public Health and
Social Work, Faculty of Health
Queensland University of Technology

