HKU Med LKS Faculty of Medicine School of Nursing 香港大學護理學院

140 YEARS 創 Innovate 健 Health 康 Inspire 民 Humanity

16TH

Hong Kong International Nursing Forum

Digital Empathy, Innovating with Heart

November 23–25, 2026

Programme Book



Hong Kong International Nursing Forum

Digital Empathy, Innovating with Heart

November 23–25, 2026

Contents

Organising Committee	1
Co-organisers	2
Welcome Messages	4
Programme at a Glance	8
Forum Venue	11
Keynote Addresses	14
Panel Discussion	17
Invited Symposia	18
Concurrent Oral Presentation Sessions	27

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Lawrence Bloomberg Faculty of Nursing
University of Toronto

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WELCOME MESSAGES



Professor Xiang Zhang

President and Vice-Chancellor
The University of Hong Kong

On behalf of The University of Hong Kong (HKU), a very warm welcome to the participants of the 16th Hong Kong International Nursing Forum. Organised by the School of Nursing in the LKS Faculty of Medicine at HKU, this Forum brings together a global community of clinicians, educators, researchers, and scholars – underscoring the School's commitment to advancing healthcare education and research.

We stand at a transformative juncture in nursing and healthcare. Embracing emerging technologies is vital for the evolution of the nursing profession, offering unprecedented capabilities to enhance patient care, streamline clinical workflows, and elevate outcome accuracy. Yet even as AI-led tools and innovations reshape healthcare delivery, the foundational pillars of nursing remain unchanged. Technology must serve as an amplifier for clinical excellence, never a replacement for the human empathy, experience and independent thinking that are at the heart of nursing.

This balanced approach directly aligns with HKU's strategic vision to lead the integration of AI across our teaching and research endeavours. We remain steadfast in our belief that technology is most powerful when paired with human creativity and ingenuity, and our mission is to empower our scholars and students with cutting-edge technology as well as critical judgment and ethical clarity.

I am confident that the dialogue and collaborations forged during this Forum will catalyse meaningful progress across the discipline. I wish all participants a rewarding and successful session, and I hope that the dialogue, research discoveries, and inspiring insights that you encounter here will enrich your vital work in the future.



Professor Chak-sing Lau

Dean of Medicine
Vice-President & Pro-Vice-Chancellor (Health) (Interim)
Daniel CK Yu Professor in Rheumatology and Clinical Immunology
Chair Professor of Rheumatology and Clinical Immunology
The University of Hong Kong

It is my great pleasure to welcome delegates from across disciplines, regions and generations to the 16th Hong Kong International Nursing Forum. Every year, this flagship event of our School of Nursing brings together some of the brightest minds in healthcare. This year, it also opens the door to the U21 Health Sciences Group 2026 Annual Meeting, making the next three days an exceptional opportunity for connection and exchange.

The theme, Digital Empathy, Innovating with Heart, could not be more timely. Artificial intelligence, robotics, telehealth and data-driven care are no longer on the horizon – they are already at the bedside and in the classroom. The question before us is not whether to embrace these technologies, but how. How do we design them so that they amplify, rather than replace, the human touch? How do we implement them so that they free nurses to do what only nurses can do – to listen, to comfort, to care? And how do we ensure that patients, families and students experience technology as a source of reassurance rather than distance? Empathy must be the compass that guides every one of these decisions.

This conviction sits at the heart of HKUMed as we approach our 140th anniversary under the banner 'Innovate Health · Inspire Humanity'. Innovation is an exciting and worthy pursuit, but it is a means to an end, not the end itself. Our purpose has not changed since 1887: to serve humanity and improve people's quality of life through better health. Technology simply gives us new and powerful ways to honour that promise.

I am confident that the conversations sparked here will travel far beyond this Forum – into wards, clinics, laboratories and lecture halls around the world. I wish you all an enriching and inspiring exchange, and I look forward to seeing the ideas born this week take root in practice.

Let us innovate boldly – and always with heart.



Professor Chia-Chin Lin

Director
Alice Ho Miu Ling Nethersole Charity Foundation Professor in Nursing
School of Nursing
LKS Faculty of Medicine
The University of Hong Kong

A very warm welcome to the 16th Hong Kong International Nursing Forum! On behalf of the School of Nursing at The University of Hong Kong, it is my great joy to greet each and every one of you. We are delighted to host more than 500 participants, together with 43 Co-organisers from 19 countries and regions. Whether you have travelled across the globe or joined us from just around the corner, thank you for bringing your passion, expertise and compassion to this vibrant community of clinicians, educators, researchers and leaders. Your presence is what makes this Forum so special.

Our theme this year, "Digital Empathy, Innovating with Heart", captures both the promise and the responsibility of this remarkable moment in healthcare. Artificial intelligence, virtual simulation and smart health technologies are opening extraordinary new possibilities to improve access, efficiency and outcomes for the people we serve. Yet we know that technology alone cannot care. At the HKU School of Nursing, we believe the brightest future lies not in choosing between technology and humanity, but in uniting the two, so that innovation deepens care, empowers individuals and honours the relationships at the heart of nursing.

It is a belief we live out every day. Across our research, practice and teaching, our colleagues are exploring how AI can open the door to compassionate conversations, inspire healthier lives and bring people closer, even across a screen. In the classroom, virtual simulation and AI-enhanced learning give our students a safe space to grow in confidence, clinical judgement and empathy. In everything we do, our purpose stays constant: technology should strengthen, never replace, the human touch that defines our profession.

This is what we call digital empathy: the ability to listen, understand and care wholeheartedly, even when technology stands between us. As healthcare becomes ever more AI-enabled, nurses will be among those best placed to ensure that every person still feels heard, respected and supported. That is a calling worth celebrating, and one worth preparing for together.

I warmly invite you to make the most of these days: to share your ideas, learn from one another, spark new collaborations and be inspired. Let us innovate with purpose, lead with heart and keep people at the centre of everything we do, so that every advance in healthcare enhances the quality, dignity and humanity of care. I wish you a joyful, inspiring and rewarding Forum.



Professor Patsy Chau

School of Nursing
The University of Hong Kong
Co-Chairperson
Organising Committee



Professor Edmond Choi

School of Nursing
The University of Hong Kong
Co-Chairperson
Organising Committee

As the co-chairpersons of the 16th Hong Kong International Nursing Forum (HKINF), we are pleased to welcome esteemed guests and delegates from across disciplines and regions worldwide to our forum. Our theme, "Digital Empathy, Innovating with Heart", highlights the importance of integrating technological innovation into nursing practice while preserving the core values of compassion, humanity, and care. We believe that by placing empathy at the centre of how these technologies are designed, implemented, and experienced, we can seize the opportunities and address the challenges that clinical practice and nursing education face in a rapidly evolving healthcare landscape.

HKINF is being held at the Medical Campus of The University of Hong Kong from 23 to 25 November 2026. Day 1 (23 November) is dedicated to the HKINF programme. Thanks to the generous support of the U21 Health Sciences Group, delegates are also welcome to join the Open Forum and Plenary sessions of the U21 Health Sciences Group 2026 Annual Meeting on Days 2 and 3 (24 and 25 November).

Together with our over 40 co-organisers, we aspire to unite clinicians, educators, and researchers from nursing and beyond. This Forum is an excellent platform for the exchange of ideas, evidence, and practice-based insights, which we believe will spur meaningful and empathetic innovations in patient care, nursing education, and research. We are thrilled to have you join us and are confident that the forum will be both inspiring and rewarding. Once again, welcome, and we wish you a fruitful experience!

PROGRAMME AT A GLANCE

Day 1 November 23, 2026 (Monday)

16th Hong Kong International Nursing Forum

08:30	**Registration**	Lobby
09:00	**Opening Ceremony**	Lecture Theatres 3 – 4
09:15	**Officiating Keynote Address** Dr Danny Tong Hospital Authority	
09:30 – 10:30	**Keynote Address 1** **Digital Empathy in Global Health** Dr Hiromasa Okayasu WHO Western Pacific Regional Office **Preparing the Nursing Workforce for the Digital Future** Dr Midori Anami-Akimoto WHO Western Pacific Regional Office	
10:30 – 11:00	**Keynote Address 2** **Human-Centred AI for Nursing Learning** Prof Dragan Gašević The University of Hong Kong	
11:00 – 11:30	**Tea reception & e-Poster viewing**	
11:30 – 12:30	**Panel Discussion** **Preparing Future Nurses for AI Integration** Professor Michael McGillion McMaster University Professor Ping Guo University of Birmingham Professor Chia-Chin Lin The University of Hong Kong Professor Marcela González Agüero Pontificia Universidad Católica de Chile Professor Michelle Cole University of Connecticut	
12:30 - 14:00	**Lunch & e-Poster viewing**	

14:00 – 15:00	**Invited Symposium** **AI Applications in Nursing Practice, Education & Research I** Professor Yan Jiang West China Hospital Dr Nguyen Thi Hoa Huyen VinUniversity Professor Marie Gerdtz La Trobe University	**Concurrent Oral Presentation Sessions** **1. Palliative and End-of-Life Care** Rm 301 **2. Chronic Disease Management** Rm 302 **3. Digital Health, AI, and Smart Care Delivery I** Rm 303 **4. Mental Health and Psychosocial Care I** Rm 304 **5. Nursing Leadership and Workforce** Rm 305	**Pitching Presentation** Lecture Theatre 2
15:00 – 16:00	**Invited Symposium** **AI Applications in Nursing Practice, Education & Research II** Dr Benney Wong The University of Hong Kong Professor Jeongok Park Yonsei University Professor Heather Thomson University of Toronto	**Concurrent Oral Presentation Sessions** **6. Cancer Care** Rm 301 **7. Gerontology and Long-term Care** Rm 302 **8. Innovations in Healthcare Education and Pedagogy** Rm 303 **9. Mental Health and Psychosocial Care II** Rm 304 **10. Women's Health** Rm 305	
16:00 – 16:30	**Tea Reception and e-Poster viewing**		
16:30 – 17:45	**Invited Symposium** **AI Applications in Nursing Practice, Education & Research III** Professor Chia-Chi Chang Taipei Medical University Professor Sheree Smith Adelaide University Professor Báltica Cabieses The University of Hong Kong	**Concurrent Oral Presentation Sessions** **11. Surgical and Cancer Care** Rm 301 **12. Cognitive Health and Neurodegenerative Care** Rm 302 **13. Digital Health, AI, and Smart Care Delivery II** Rm 303 **14. Family Caregiving and Supportive Care** Rm 304 **15. Health Care Systems Policy and Management** Rm 305	**U21 HSG N&MW Group RPG Symposium** Lecture Theatre 2
17:45 – 18:00	**Day 1 Wrap-up & Award Presentation Ceremony**		
18:00 – 20:00	**Forum Dinner (for invited guests)**		

* Once the seating capacity of the venue is reached, participants will be directed to view the live stream in other rooms at the venue.

Please refer to https://u21health.org/2026-hong-kong-program for further details about the U21 HSG Annual Meeting.

Day 2 November 24, 2026 (Tuesday)

U21 HSG Annual Meeting Experience (courtesy of U21 HSG)

09:00 – 10:20	**Sustainable Development Goals (SDG) Open Forum (Part 1/2)** Sustainability in Health: Innovation, Ethics and the Changing Landscape	Lecture Theatre 1
10:20 – 10:50	**Break**	
10:50 – 11:30	**SDG Open Forum (Part 2/2)**	Lecture Theatre 1
11:30 – 13:15	**Lunch**	
13:15 – 13:45	**Welcome Address and Opening Remarks**	Faculty Boardroom
13:45 – 15:05	**Plenary 1** From AI to Digital Twins: Shaping the Future of Learning in Health Sciences Education	Faculty Boardroom
15:05 – 15:45	**Break**	
15:45 – 17:00	**Plenary 2** Cultural Dimensions of AI in Health Education: A Chatbot-Guided Self-Reflection Approach	Rm 301 - 304

Day 3 November 25, 2026 (Wednesday)

U21 HSG Annual Meeting Experience (courtesy of U21 HSG)

09:00 – 10:15	**Interprofessional Education (IPE) Open Forum** Developing Resilience in Healthcare Teams Through the IPE Lens as Part of Adaptive Intelligence	Lecture Theatre 1
10:15 – 10:45	**Break**	
10:45 – 11:45	**Plenary 3** From Innovation to Adaptation: The Evolution of Problem-Based Learning	Rm 301 - 304
11:45 – 12:45	**Teaching Excellence Workshop**	Rm 301 - 304
12:45 – 14:00	**Lunch**	
14:00 – 15:15	**University Mental Health Open Forum**	Lecture Theatre 1
15:15 – 16:30	**Plenary 4** The Great Debate: Incorporating AI in Early Health Professional Education - More Harm Than Good?	Lecture Theatre 1

* Once the seating capacity of the venue is reached, participants will be directed to view the live stream in other rooms at the venue.

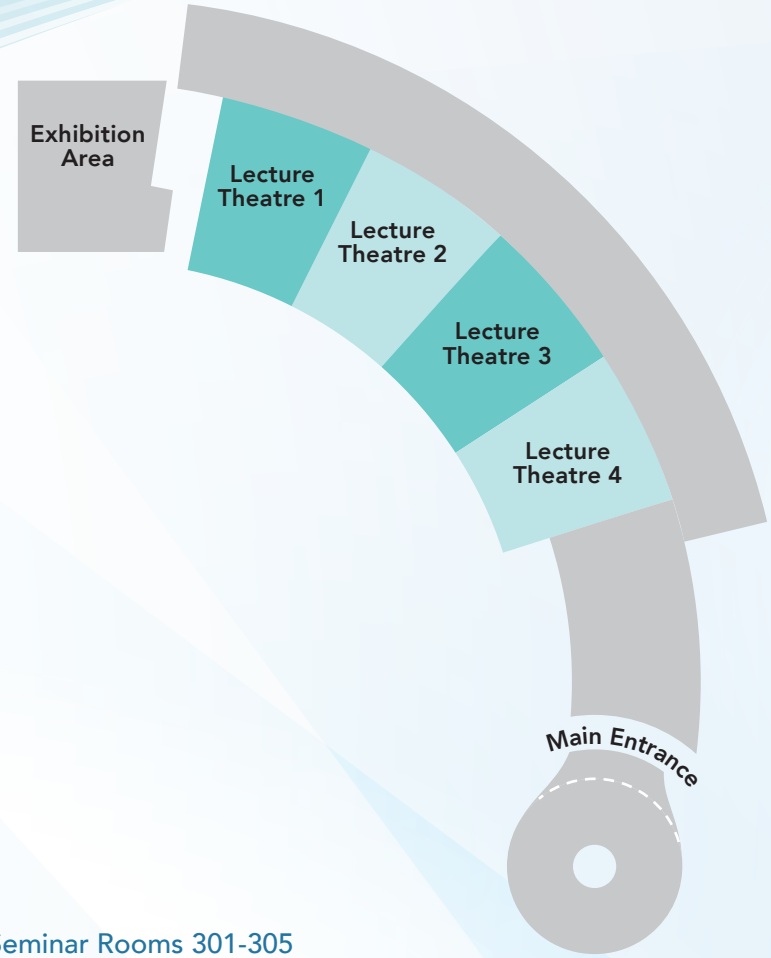
FORUM VENUE

Cheung Kung Hai Conference Centre

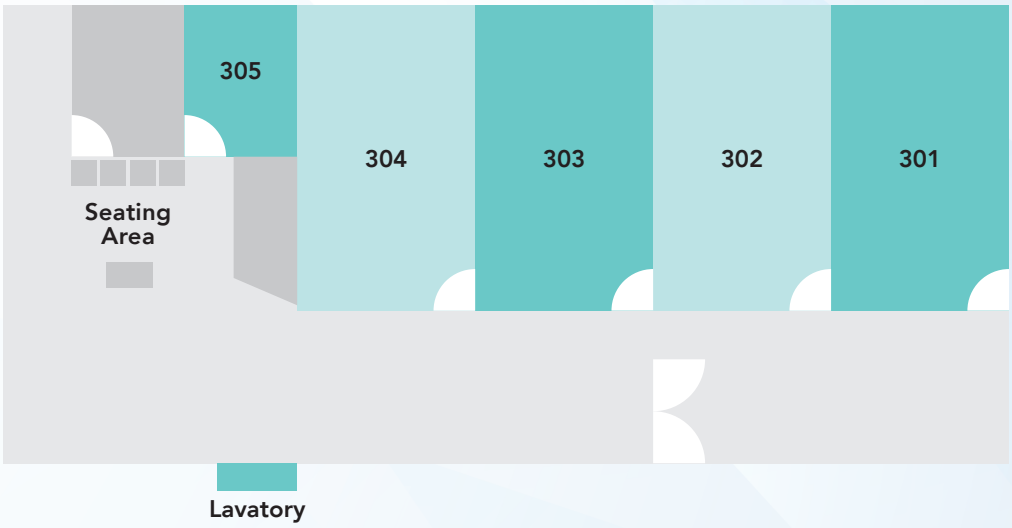
G/F, William MW Mong Block,
Faculty of Medicine Building,
21 Sassoon Road, Pokfulam, Hong Kong



Floor Plan of Main Venue
Cheung Kung Hai Conference Centre



Floor Plan of Seminar Rooms 301-305
3/F, William MW Mong Block



Day 1 16th Hong Kong International Nursing Forum

Registration & Enquiry Counters	Lobby	G/F	William M.W. Mong Block, 21 Sassoon Road, Pokfulam
Keynote Lectures, Panel Discussion, Invited Symposia	Lecture Theatres 3-4	G/F	
Concurrent Oral Presentation Sessions	Seminar Rooms 301-305	3/F	
Pitching Presentations	Lecture Theatre 2	G/F	
Exhibition Booths	Foyer outside Lecture Theatres	G/F	
Preview Room	Exhibition Area	G/F	
Lunch Box Distribution	Foyer outside Lecture Theatres	G/F	
Tea Reception	Foyer outside Lecture Theatres	G/F	
U21 HSG Nursing and Midwifery Group Research Postgraduate Symposium	Lecture Theatre 2	G/F	

Days 2 & 3 U21 HSG Annual Meeting Experience

Open Forum, Plenary 4	Lecture Theatre 1	G/F	William M.W. Mong Block, 21 Sassoon Road, Pokfulam
Opening Remarks, Plenary 1	Faculty Boardroom	1/F	Daniel & Mayce Yu Administration Wing, 21 Sassoon Road, Pokfulam
Plenary 2 & 3, Workshop	Seminar Rooms 301-304	3/F	William M.W. Mong Block, 21 Sassoon Road, Pokfulam
Lunch	1887	7/F	
Tea Reception	Foyer outside Lecture Theatres	G/F	

KEYNOTE ADDRESS 1

Day 1 (November 23, 2026)

09:30 – 10:30
Lecture Theatres 3 – 4



Dr Hiromasa Okayasu

Director
Division of Data, Strategy and Innovation
World Health Organization (WHO) Western Pacific Regional Office

Digital Empathy in Global Health

Health systems are facing growing pressures from population ageing, increasing complexity of care, and workforce shortages. AI can help address these challenges by extending health system capacity, reducing administrative burden, and enabling new models of care. However, its greatest value lies not in automating existing tasks, but in transforming how care is organized and delivered.

Healthcare is not simply an information-processing enterprise. While AI can take over routine tasks and free up healthcare workers' time, the time gained should be reinvested in activities that require human judgement, empathy, trust, and relationships. At the same time, AI creates an opportunity to redesign health systems themselves, enabling more proactive, coordinated, and people-centred models of care. The goal is therefore not AI adoption, but AI-enabled transformation of care and health systems.

Nurses have a critical role in leading this transformation. Beyond using AI in their daily practice, nurses can help shape how AI is designed, governed, and integrated into care delivery. By combining digital innovation with digital empathy, they can ensure that AI strengthens people-centred care and contributes to more responsive, equitable, and sustainable health systems.



Dr Midori Anami-Akimoto

Nursing Officer
Health Policy and Service Design
Division of Health Systems and Services
World Health Organization (WHO) Western Pacific Regional Office

Preparing the Nursing Workforce for the Digital Future

Health systems worldwide are responding to changing and increasingly complex health needs, including population ageing, the growing burden of noncommunicable diseases and health emergencies. Nurses, the largest occupational group in the health workforce, play an essential role in delivering health services and are central to strengthening primary health care (PHC) and advancing universal health coverage (UHC).

Artificial intelligence (AI) and digital technologies present opportunities to support health service delivery and health workforce development. At the same time, their use raises important considerations related to safety, ethics, equity, human autonomy and professional practice. Preparing the nursing workforce for the digital future therefore requires attention not only to technological capabilities, but also to the competencies and enabling conditions needed for responsible and effective use.

Drawing on WHO global and regional perspectives, this presentation will explore key considerations for preparing the nursing workforce to navigate digital transformation, while maintaining a focus on safe, ethical and people-centred care. It will also consider how nursing education, continuing professional development, governance, supportive work environments and leadership can contribute to workforce readiness.

The presentation will highlight the importance of aligning digital health developments with health workforce policies and broader efforts to strengthen PHC-oriented health systems.

KEYNOTE ADDRESS 2

Day 1 (November 23, 2026)

10:30 – 11:00
Lecture Theatres 3 – 4



Professor Dragan Gašević

Chair Professor
School of Computing & Data Science
The University of Hong Kong

Human-Centred AI for Nursing Learning

Artificial intelligence is creating new possibilities for understanding and supporting complex nursing practice. In simulation-based learning, multimodal data can make aspects of teamwork visible that are difficult to capture from outcomes alone, while advances in generative AI can help learners and educators interpret this evidence and use it for reflection. These developments also raise a more fundamental question about what makes the use of AI human-centred. A human-centred approach needs to consider how technology shapes human agency and learning, alongside what AI systems can accomplish. Drawing on our research in nursing and healthcare simulation and broader work on human-centred learning analytics and human-AI interaction, this keynote will consider what this means for the design and use of AI in nursing learning. The talk will argue that AI should support nurses in learning from practice and developing the human judgement on which good care depends.

PANEL DISCUSSION

Day 1 (November 23, 2026)

11:30 – 12:30
Lecture Theatres 3 – 4

Moderator: Professor Báltica Cabieses, The University of Hong Kong



Professor Michael McGillion

Acting Vice Dean & Executive Director
School of Nursing
McMaster University



Professor Ping Guo

Professor of Palliative Care and Global Health
School of Nursing & Midwifery
University of Birmingham



Professor Chia-Chin Lin

Director
Alice Ho Miu Ling Nethersole Charity Foundation Professor in Nursing
School of Nursing
The University of Hong Kong



Professor Marcela González Agüero

Director
School of Nursing
Pontificia Universidad Católica de Chile



Professor Michelle Cole

Director of Global Initiatives
Elisabeth DeLuca School of Nursing
University of Connecticut

Preparing Future Nurses for AI Integration

Preparing future nurses for artificial intelligence (AI) requires more than technical skills. Education must equip nurses to critically appraise AI outputs and shape their use and governance while safeguarding clinical reasoning, equity and human relationships. This panel brings together members of the U21 Health Sciences Group's Nursing and Midwifery Discipline Group from Canada, Chile, the United Kingdom, the United States and Hong Kong to explore priorities for nursing education. Drawing on experience in practice, research, education and leadership, panellists will explore five priorities: preparing nurses for AI-enabled virtual care and remote monitoring; examining AI as a social and cultural artefact that can affect health inequalities; preserving compassionate, person-centred care, especially for people with serious illness and older adults; integrating AI into teaching, simulation and assessment without displacing students' learning; and leading change in nursing schools and health systems. Moving beyond AI literacy, the discussion asks what every graduate nurse should know, do and be prepared to question or refuse. It considers how students can recognise erroneous recommendations, challenge inequities and appraise evidence of benefit and acceptability, alongside nurses' roles in AI design, procurement and governance—and which dimensions of care must remain human.

INVITED SYMPOSIUM:
AI Applications in Nursing Practice, Education & Research I

Day 1 (November 23, 2026)

14:00 – 15:00
Lecture Theatres 3 – 4

Moderators: Professor Robyn Stremler, University of Toronto
Professor Kelvin Wang, The University of Hong Kong



Professor Yan Jiang

Director
Nursing Department
West China Hospital

Digital and Intelligent Nursing for Geriatric Health: Needs and Practical Cases

Healthy ageing is a national strategy in China, and the Healthy China Initiative aims to develop an equitable, inclusive, high-quality and efficient health system. Nevertheless, the current elderly care service system in China still faces prominent developmental dilemmas, including unbalanced supply and demand, insufficient service coverage, and uneven resource allocation between regions and scenarios. The national "AI Plus" action strategy has brought unprecedented opportunities to empower the transformation and upgrading of the elderly care industry, and plays a vital role in cultivating new-quality productive forces within the modern nursing service system. Centering on community-based and home-based elderly care scenarios, this study focuses on the whole-process clinical demands of digitalized assessment, real-time health monitoring, and precise nursing intervention for older adults. Based on a series of key research projects funded by the National Key R&D Program of China, this presentation systematically elaborates our team's technological breakthroughs and multi-scenario practical explorations in the field of digital and intelligent geriatric nursing. It further highlights the practical implementation, clinical effectiveness and application experience of intelligent elderly care decision support systems, smart nursing service technologies, and auxiliary nursing robots in real-world elderly care settings, aiming to provide innovative and actionable references for the high-quality development of intelligent geriatric nursing worldwide.



Dr Nguyen Thi Hoa Huyen

Director of Nursing Programs
College of Health Sciences
VinUniversity

AI-Enabled Nursing for Women's Health

Artificial intelligence (AI) is creating new opportunities to transform women's health nursing from reactive care toward proactive, personalized, and continuous support. This presentation draws on findings and ongoing innovation from a portfolio of women's health research in Vietnam, spanning cancer survivorship, symptom management, mental health, digital health, and emerging applications of large language models (LLMs) and empathetic AI.

Our research has demonstrated the potential of integrating mobile health platforms, wearable devices, patient-reported outcomes, and symptom monitoring to capture women's health experiences beyond conventional clinical encounters. Findings from cancer survivorship research highlight complex and interconnected symptom patterns and demonstrate how longitudinal data on physical activity, sleep, heart rate, symptoms, and psychosocial wellbeing can inform more personalized support. Building on this work, our current research explores how LLMs and empathetic AI can better understand patients' language, emotional experiences, and contextual needs, creating new possibilities for more responsive and human-centered nursing communication.

Together, these findings point to a shift from simply collecting health data to generating actionable nursing intelligence, using AI to identify patterns, anticipate needs, personalize interventions, and strengthen therapeutic communication. Nurses bring clinical judgment, contextual understanding, communication, and knowledge of women lived experiences that are essential for translating AI-generated insights into meaningful care. The future therefore lies in human–AI collaboration.

The presentation will highlight key challenges, including ethics, privacy, data quality, digital equity, explainability, and workforce readiness, while emphasizing nurses' evolving roles as co-designers, researchers, evaluators, and leaders of responsible AI innovation in women's health.



Professor Marie Gerdtz

Dean
School of Nursing and Midwifery
La Trobe University

Where Learning Meets Care: Evaluating the Value of Place-Based Nursing Partnerships

La Trobe University's Clinical School Model is a sustained university health-service partnership that integrates nursing and midwifery education, research and professional development within clinical settings. Established at the Royal Women's Hospital in 1994 and Alfred Health in 1995, the model now operates across four metropolitan Melbourne sites and encompasses place-based work-integrated learning, workforce development and research collaboration.

This presentation reports a stakeholder-informed, mixed-methods evaluation of the model and considers how the findings can guide the continuing development of place-based academic–clinical partnerships. The evaluation examines four interconnected areas of impact: student experience, graduate employability, clinician–researcher pathways, and nursing- and midwifery-led clinical research. Evidence includes student survey data, graduate employability data and key stakeholder interviews. Findings were integrated across these sources and examined through structured root cause analysis to identify factors contributing to observed outcomes, impacts and performance gaps, and to inform recommendations for strengthening and sustaining the model. Internal consultation and partner engagement indicate that stakeholders value practice-based learning and close academic–clinical relationships. They also identify the need for more consistent evaluation, shared indicators of value and clearer processes for translating evidence into improvement. The evaluation therefore considers what creates value, for whom, and the conditions that shape the model's contribution. Bringing evidence together across the four impact areas supports an ongoing cycle of measurement, diagnosis and improvement spanning student experience, employment, research capability, professional development and health-service priorities. The presentation will invite international discussion about reframing academic–clinical partnerships as important contributors to nursing workforce development, clinical research and health-system improvement.

INVITED SYMPOSIUM:
AI Applications in Nursing Practice, Education & Research II

Day 1 (November 23, 2026)

15:00 – 16:00
Lecture Theatres 3 – 4

Moderators: Professor Rachael Vernon, Adelaide University
Professor Polly Li, The University of Hong Kong



Dr Benney Wong

Lecturer
Clinical Coordinator, Bachelor of Nursing (FT) Programme and Advanced Leadership Track
School of Nursing
The University of Hong Kong

AI-Powered VR Simulation to Strengthen Nursing Students' Communication

Effective communication is a fundamental nursing competency that directly influences patient safety, interprofessional collaboration, and the quality of healthcare delivery. Communication failures remain a major contributor to adverse events in clinical practice, particularly during patient assessment, clinical handover, and emergency situations. Despite its importance, nursing students often report insufficient opportunities to develop and practise communication skills in realistic clinical environments. Traditional educational approaches, including classroom role-play and standardized patient simulations, provide valuable learning experiences but are often constrained by limited repetition, inconsistent feedback, and challenges in replicating authentic clinical complexity. Recent evidence from an AI-powered VR nursing education project has demonstrated improvements in nursing students' communication competence and self-efficacy, highlighting the potential of immersive technologies in nursing education.

To address these challenges, an innovative Artificial Intelligence (AI)-powered Virtual Reality (VR) simulation system was developed through a co-creation process involving nursing educators, nursing students, and technical specialists. The platform provides immersive, scenario-based learning experiences that allow students to engage in realistic patient assessments, communicate with virtual patients and healthcare professionals, and perform structured clinical handovers within a safe and supportive environment. The system incorporates AI-driven conversational agents capable of responding dynamically to students' verbal interactions, enabling authentic, unscripted communication practice. Immediate individualized feedback is generated to help learners identify communication gaps, improve clinical reasoning, and refine their handover skills.

The simulation includes multiple clinical scenarios that address common communication challenges, including difficult patient encounters, deterioration and emergency responses, and clinical handovers using structured communication frameworks. By combining experiential learning, deliberate practice, and real-time feedback, the platform promotes learner confidence, self-efficacy, and communication competence. This educational innovation demonstrates how emerging AI and VR technologies can transform nursing education by providing scalable, engaging, and learner-centred communication training. The initiative offers a promising model for preparing future nurses to communicate effectively and safely in increasingly complex healthcare environments.



Professor Jeongok Park

Associate Professor
College of Nursing
Yonsei University

Integrating AI into Undergraduate Nursing Education: From AI Literacy to Nursing Innovation

Artificial intelligence (AI) is transforming healthcare, requiring nursing education to prepare future nurses not only to use emerging technologies but also to critically evaluate and apply them to complex clinical challenges. This presentation introduces a comprehensive approach to integrating AI into undergraduate nursing education at Yonsei University College of Nursing, South Korea.

At the institutional level, Yonsei University offers the Demand-driven AI-Centered Education (DAICE) program, an AI Convergence Advanced Major that integrates foundational AI competencies with discipline-specific knowledge. Within this framework, nursing students combine AI core coursework with their nursing major to develop interdisciplinary competencies.

Building on this foundation, the College of Nursing is expanding AI education through nursing-specific electives and curriculum innovation. AI Practicum Focusing on Nursing Data, currently offered in Fall 2026, provides hands-on learning in clinical data analysis, machine learning, and AI-based problem-solving using nursing and healthcare data. A second elective, AI and Nursing Design Thinking, scheduled for Spring 2027, integrates generative AI, human-centered design thinking, and project-based learning to develop innovative solutions addressing challenges in nursing services, medical devices, and healthcare environments. healthcare environments.



Professor Heather Thomson

Director of the Undergraduate Program
Assistant Professor, Teaching Stream
Lawrence Bloomberg Faculty of Nursing
University of Toronto

Using Virtual Reality and Virtual Simulation to Promote Relational Skills in Nursing Education

Leadership is a foundational competency in nursing education at all levels. Leadership competencies include skills such as communication, empathy, collaboration, conflict resolution, and change management. These skills are essential for nursing practice; however, they are more challenging to develop and assess compared to technical clinical skills such as physical assessment and medication administration. Literature suggests that nursing students at all levels require support in developing leadership skills during their academic education.

Simulation is an evidence-based strategy that can be leveraged to support the development of leadership skills. Virtual reality (VR) is a type of simulation that provides opportunities for immersion into a three-dimensional world where learners engage with avatars in lifelike situations. Through these immersive experiences, students can apply theoretical knowledge and practice leadership skills in a safe learning environment. Use of VR to support the development and application of leadership skills has been implemented in undergraduate education, yet it remains underexplored in graduate nursing programs.

This presentation describes how VR is being implemented and evaluated to support the development of leadership skills at both the undergraduate and graduate levels. At the undergraduate level, VR is being used to support the development of empathy, communication and deescalation skills. At the Master of Nursing level, VR is being used to enhance the development of communication and conflict resolution skills. Quantitative and qualitative data from student surveys indicate that students value the opportunity to practice their leadership skills in a psychologically safe learning environment, while developing confidence and competence. Findings suggest that VR may offer a promising and innovative approach to leadership skill development at all levels of nursing education.

INVITED SYMPOSIUM:
AI Applications in Nursing Practice, Education & Research III

Day 1 (November 23, 2026)

16:30 – 17:45
Lecture Theatres 3 – 4

Moderators: Professor Tracey Bucknall, Deakin University
Professor Mandy Ho, The University of Hong Kong



Professor Chia-Chi Chang

Professor and Dean
School of Gerontology and Long-Term Care
College of Nursing
Taipei Medical University

Human-Centered AI in Dementia Care: Transforming Nursing Practice and Caregiver Support

This invited symposium presentation was prepared in collaboration with Prof. Hsien-Hui Tang and Prof. Chu-Ching Lin.

The growing prevalence of dementia presents significant challenges for healthcare systems, nursing professionals, and family caregivers worldwide. Artificial intelligence (AI) offers promising opportunities to enhance dementia care through personalized education, intelligent assistance, and timely decision support. However, successful AI integration requires a human-centered approach that prioritizes individual needs, cultural sensitivity, ethical considerations, and person-centered care.

This presentation explores how human-centered AI can transform dementia nursing practice and strengthen caregiver support, drawing on an ongoing research initiative at Taipei Medical University. The initiative integrates three interconnected components. First, a personalized AI-powered learning platform is being developed to provide adaptive dementia care education tailored to caregivers' knowledge, experience, language, and learning needs. Second, AI-driven interactive simulations, incorporating culturally and linguistically responsive communication, aim to strengthen caregivers' practical skills in managing behavioral and psychological symptoms of dementia and responding to complex care situations. Third, AI-enabled Internet of Things (AIoT) technologies and intelligent decision-support systems are being explored to facilitate timely access to care knowledge, recognize changes in care needs, and support informed decision-making.

These innovations are designed to address the diverse needs of family caregivers, migrant care workers, and nursing professionals across home and long-term care settings. Particular emphasis is placed on empowering caregivers, enhancing care competencies, and supporting rather than replacing human judgment and compassionate interactions.

The presentation will also discuss implementation challenges, including digital literacy, accessibility, data privacy, cultural adaptation, and the importance of interdisciplinary collaboration. By integrating AI innovation with nursing expertise and person-centered principles, this approach offers a framework for developing more responsive, inclusive, and sustainable dementia care. Ultimately, human-centered AI has the potential to empower caregivers, strengthen nursing practice, and improve the quality of life of people living with dementia and those who support them.



Professor Sheree Smith

Professor of Nursing
School of Nursing and Midwifery
College of Health
Adelaide University

Routinely Collected PROMs and the Potential Impact on Care

Patient reported measures are self-reported by the patient manually or electronically through mobile applications or web based platforms. Patient reported outcome measures are subject to a number of biases such as response shift bias and recall bias. These biases can contribute to limited understanding of the patient and may contribute to inaccurate understanding of the patient's needs and concerns as well as their symptoms and/or factors associated with their quality of life.

Intervention studies often utilised quality of life self-report instruments that been rigorously tested as being validated, reliable and responsive. Correlations between the intervention and patient reported outcome may have misinterpreted unless measures are undertaken to control for these biases.

This presentation will cover new terminology associated with patient reported outcomes, a summary of response shift bias and recall bias and considerations for future studies that utilise e-proms. Furthermore, the potential impact of routinely collected electronic patient reported outcomes on care and care decisions will be explored.



Professor Báltica Cabieses

Professor
School of Nursing
The University of Hong Kong

AI Megatrend and Global Nursing Integrity and Leadership: Opportunities and Challenges

Artificial intelligence now stands at the front door of health care. Every week, hundreds of millions of people take their symptoms, worries and test results to a chatbot. Often they do so before they ever speak to a health professional, and sometimes instead of doing so. For nursing, the largest and most stretched health workforce in the world, this changes something fundamental. The relationship between nurse and patient increasingly has a third party in the room.

In this presentation, Professor Báltica Cabieses considers what that presence asks of the profession. She speaks as a social epidemiologist and nurse-midwife at The University of Hong Kong. Her argument is that accuracy alone is not enough. Integrity must be understood as a property of the whole system through which health information is produced, ranked, corrected and acted upon. She draws on the Guiding Principles for Health Information Integrity, developed by the Nature Medicine Commission on Quality Health Information for All. She sets them alongside classic theories of leadership, tracing how both ideas have broadened over fifty years, from personal virtue and positional authority towards shared responsibility for complex systems of care.

The talk then turns to the evidence, which is encouraging but young. A few tools built on nursing knowledge have saved lives. Many more have never been tested in everyday practice. Risks to integrity, from fabricated references to uneven performance across languages and settings, are already well documented. Asia combines rapid ageing, persistent nurse shortages and unusual public enthusiasm for AI, and the talk gives these questions particular attention there.

It closes with a reflection on possible futures, and with lessons from The University of Hong Kong School of Nursing that colleagues elsewhere might adapt. It also invites nurses to help shape these technologies rather than simply inherit them.

CONCURRENT ORAL PRESENTATION

Session 1 Palliative and End-of-Life Care

Day 1 (November 23, 2026)

14:00 – 15:00
Room 301

Moderators **Prof Lorato Matshaka, University of Johannesburg**
Prof Hammoda Abu-odah, The University of Hong Kong

CS1-1 **What Matters Most for a Good Death in Advanced Cancer: Patient Priorities Shaping COMFORT-PEACE**

Hammoda Abu-odah[1], Crystal Li Suk Yin[2], Linda Yin King Lee[1], Frances Kam Yuet Wong[3], Chia-Chin Lin[1]

[1] School of Nursing, The University of Hong Kong, [2] Nursing Department, Bradbury Hospice, [3] School of Nursing, The Hong Kong Polytechnic University

CS1-2 **"Light Dust Finds Rest on Fragile Grass": Dilemmas of Community-Dwelling Older Adults Living Alone in Advance Care Planning Readiness: A Qualitative Study**

Jianxia Lyu[1, 2], Ting Cao[3], Jing Gao[3]

[1] Proton Therapy Ward, Sichuan Cancer Hospital, [2] School of Nursing, China Medical University, [3] College of Nursing, Chengdu University of Traditional Chinese Medicine

CS1-3 **Indonesian Nurses' Experience in Caring for Patients at the End of Life in the Intensive Care Units: A Descriptive Phenomenology Study**

Yodang Yodang[1], Patraporn Bhatarasakoon[1, 2], Decha Tamdee[1, 3], Jittawadee Rhiantong[1, 4]

[1] Faculty of Nursing, Chiang Mai University, [2] Department of Psychiatric Mental Health Nursing, Faculty of Nursing, Chiang Mai University, [3] Department of Public Health Nursing, Faculty of Nursing, Chiang Mai University, [4] Department of Medical Nursing, Faculty of Nursing, Chiang Mai University

CS1-4 **Experiences of Using a Digital Solution - IPOS App for People with Multiple Long-Term Conditions: A Qualitative Study**

Ping Guo[1, 2], Priyanka Sharma[1], Nikolaos Efstathiou[1], Cara Bailey[1], Catherine Evans[2], Irene Higginson[2], Richard Harding[2]

[1] Department of Nursing and Midwifery, University of Birmingham, [2] Florence Nightingale Faculty of Nursing, Midwifery & Palliative Care, King's College London

Session 2 Chronic Disease Management

Day 1 (November 23, 2026)

14:00 – 15:00
Room 302

Moderators **Prof Chia-Chi Chang, Taipei Medical University**
Dr Elisa Lin, The University of Hong Kong

CS2-1 **Cutaneous Microcirculatory Impairment and Its Association with Diabetes-Related Foot Ulcer in People with Diabetic Foot: A Cross-Sectional Study**

Jing Zhang[1], Yanan Zhao[2], Liwei Jing[1, 3], Yangxi Li[4], Xin Ma[5], Jinjiang Cui[6], Qi Qi[1]

[1] School of Nursing, Capital Medical University, [2] Department of Rehabilitation Medicine, Emergency General Hospital, [3] Chinese Institute for Healthy Aging, [4] Department of Endocrinology, China-Japan Friendship Hospital, [5] Department of Orthopedics, Shanghai Sixth Peoples Hospital, [6] Suzhou Institute of Biomedical Engineering and Technology, Chinese Academy of Sciences

CS2-2 **Clinically Meaningful Individual Responses to Personalised Vivifrail-Based Exercise in Older Adults with Type 2 Diabetes: A Multicentre Randomised Controlled Trial**

Ni Sang, Li Cheng

School of Nursing, Sun Yat-sen University

CS2-3 **Cortical Activation in Tuberculosis Patients With and Without Depressive Symptoms: A Functional Near-Infrared Spectroscopy Study**

Zihan Chen[1], Xiangmin Liu[2], Yanting Han[1], Ka Li[1, 3]

[1] Medicine and Engineering Interdisciplinary Research Laboratory of Nursing & Materials, West China Hospital, Sichuan University / West China School of Nursing, Sichuan University, [2] Department of Pulmonary and Critical Care Medicine, West China Hospital, Sichuan University / West China School of Nursing, Sichuan University, [3] Tianfu Jincheng Laboratory, Sichuan University

CS2-4 **Barriers and Facilitators to Dietary Adherence Among Older Patients with Non-Dialysis-Dependent CKD Stages 3–5: A Descriptive Qualitative Study**

Yaling Yang, Huayu Chen, Si Jia, Weiwei Wu

School of Nursing, Fujian Medical University

Session 3 Digital Health, AI, and Smart Care Delivery I

Day 1 (November 23, 2026)

14:00 – 15:00
Room 303

Moderators **Prof Shao-Yu Tsai, National Taiwan University**
Dr Jie Zhong, The University of Hong Kong

CS3-1 **Explainable Artificial Intelligence–Based Prediction of Cardiac Tamponade During Atrial Fibrillation Ablation and Translation into Nursing Practice**

Zhipeng Bao, Huanhuan Gong

Department of Cardiology, Jiangsu Province Hospital (The First Affiliated Hospital with Nanjing Medical University)

CS3-2 **An Intelligent Exercise Prescription System for Respiratory Rehabilitation in Chronic Obstructive Pulmonary Disease Based on Knowledge Graphs**

Hong Yi Zhu[1], Lan Wang[1], Jie Hou[2], Jing Chun He[3]

[1] School of Nursing, Tianjin Medical University, [2] School of Basic Medical Sciences, Tianjin Medical University, [3] Respiratory Medicine, Tianjin Fourth Central Hospital

CS3-3 **Digital Innovation in Delirium Prevention: Development and Validation of a Virtual Reality Platform for Mechanically Ventilated ICU Patients**

Jiaxin Li, Shiyi Bai, Jiao Zhou, Ka Li

West China School of Nursing, Sichuan University

CS3-4 **Development and Usability Evaluation of a Knowledge Graph-Based Symptom Management System for Women Receiving Breast Cancer Chemotherapy**

Ruolin Li, Jun-e Liu

School of Nursing, Capital Medical University

Session 4 Mental Health and Psychosocial Care I

Day 1 (November 23, 2026)

14:00 – 15:00
Room 304

Moderators **Prof Xianhong Li, Capital Medical University**
Prof Jojo Kwok, The University of Hong Kong

CS4-1 **Developing a Framework of Digital Therapeutic Alliance: Findings from Implementing an ICBT Program in China**

Xianhong Li[1, 2], Mengyao Yi[2], Ashley Hagaman[3], Lloyd Goldsamt[4], Shufang Sun[5]

[1] School of Nursing, Capital Medical University, [2] Xiangya School of Nursing, Central South University, [3] School of Public Health, Yale University, [4] Rory Meyers College of Nursing, New York University, [5] School of Public Health, Brown University

CS4-2 **Heterogeneity of Non-Suicidal Self-Injury in Adolescents with Depressive Disorders: A Latent Profile Analysis Integrating Functions and Addictive Features**

Shaolong Liu[1], Guangjun Xu[2], Zuyao Xiao[3], Tingfang Yan[4], Lina Zhou[4], Bin Han[1], Zhenxing Feng[5], Hong Guo[6], Xiumei Bu[7]

[1] School of Nursing, Liaoning University of Traditional Chinese Medicine, [2] School of Health Management, Liaoyang Vocational College of Technology, [3] School of Nursing, Jinzhou Medical University, [4] Department of Nursing, Liaoyang Fourth People's Hospital, [5] Director's Office, Liaoyang Fourth People's Hospital, [6] School of Nursing, Shenyang Medical College, [7] School of Humanity, Liaoning University of Traditional Chinese Medicine

CS4-3 **Development and Preliminary Application of a Psychological Distress Intervention Protocol for Patients with ICD Electrical Storm: A Post-Traumatic Growth Perspective**

Gaoqin Wen

Department of Cardiovascular Medicine, The First Affiliated Hospital with Nanjing Medical University

CS4-4 **Latent Profile Analysis of Compassion Fatigue Among Oncology Nurses and Its Association with Emotional Labor: A Multicenter Cross-Sectional Study**

Xu Liu

School of Nursing, Kiang Wu Nursing College of Macau

Session 5 Nursing Leadership and Workforce

Day 1 (November 23, 2026)

14:00 – 15:00
Room 305

Moderators **Prof Huaihong Yuan, Sichuan University**
Prof Denise Cheung, The University of Hong Kong

CS5-1 **Bidirectional Empowerment of Organizational and Individual Health Literacy: A System Dynamics Analysis and Policy Insights for Hospital Health Literacy**

Yixuan Li[1], Han Yan[2], Qin Xu[1]

[1] School of Nursing, Nanjing Medical University, [2] School of Nursing, Hangzhou Normal University

CS5-2 **Exploring Renal Nurses' Cultural Education and Its Impact on Culturally Safe Care for First Nations People with Kidney Disease**

Melissa Arnold-ujvari, Elizabeth Rix, Kim O'donnell, Janet Kelly

School of Nursing and Midwifery, Adelaide University

CS5-3 **Mapping Nursing Leadership Impact in the HKU JC Nursing Leadership Development Fellowship Programme**

Sophia Siu Chee Chan[1], Aaron Wan Jia He[1], Alex Ka Chun Fung[1], Matthew Siu Long Chau[1], Louie Shu Kuen Chan[1], Kelvin Man Ping Wang[2], Kevin Tzu Tsun Luk[3]

[1] School of Public Health, The University of Hong Kong, [2] School of Nursing, The University of Hong Kong, [3] Alice Lee Centre for Nursing Studies, National University of Singapore

CS5-4 **A Multicenter Study on the Ethical Leadership Ability of Clinical Nurses in China: Analysis of Potential Characteristics and Related Factors**

Huaihong Yuan[1, 2], Jie Li[1, 2]

[1] Department of Nephrology, West China Hospital of Sichuan University, [2] West China School of Nursing, Sichuan University

Session 6 Cancer Care

Day 1 (November 23, 2026)

15:00 – 16:00
Room 301

Moderators **Prof Ratsiri Thato, Chulalongkorn University**
Prof Benjamin Ho, The University of Hong Kong

CS6-1 **Development and Validation of the Multidimensional Frailty Scale for Cancer Survivors (MFS-CS) Using Classical Test Theory and Multidimensional Item Response Theory**

Yue Chen[1], Lingyu Ding[1, 2], Qin Xu[1]

[1] School of Nursing, Nanjing Medical University, [2] Department of Colorectal Surgery, The First Affiliated Hospital of Nanjing Medical University

CS6-2 **Global Research Landscape of Insomnia in Breast Cancer (2000–2025): A Bibliometric Analysis with Insights from Asia and Thailand**

Sataem Eamsong, Faizul Hasan

Faculty of Nursing, Chulalongkorn University

CS6-3 **Beyond Neurotoxicity: A Mixed-Methods Study of Illness Perceptions, Self-Regulation, and Unmet Support Needs in Chemotherapy-Induced Peripheral Neuropathy**

Qingchun Geng, Yanfei Jin

School of Nursing, Nanjing Medical University

CS6-4 **Network Analysis of Multi-Dimensional Symptoms and Influencing Factors in Lung Cancer Patients Undergoing Chemotherapy: A Mixed-Methods Study**

Bin Lu, Jingshuang Ma

School of Nursing, Liaoning University of Traditional Chinese Medicine

CS6-5 **Developing a Cognitive Stepped Care Program for Brain Metastases: Co-Design and Preliminary Findings**

Samantha Mayo[1, 2], Lori Bernstein[2, 3], Angela Sekely[2, 4], Gonzalo Alonso[2], Anna Mantzavinou[2], Kylie Teggart[2], Anashe Shahmirian[2], David Shultz[2, 5], Paul Kongkham[2, 6], Kim Edelstein[2, 3]

[1] Lawrence Bloomberg Faculty of Nursing, University of Toronto, [2] Princess Margaret Cancer Centre, University Health Network, [3] Department of Psychiatry, University of Toronto, [4] Department of Psychology, University of Toronto, [5] Department of Radiation Oncology, University of Toronto, [6] Department of Surgery, University of Toronto

Session 7 Gerontology and Long-term Care

Day 1 (November 23, 2026)

15:00 – 16:00
Room 302

Moderators **Prof Chia-Chi Yang, Kaohsiung Medical University**
Prof Sherry She, The University of Hong Kong

CS7-1 Exploring Time Bank for Community Dwelling Older People Among Malaysian Urban Population: A Mixed Methods Study

Nur Shafira Azizan[1], **Chong Chin Che**[1], Mei Chan Chong[1], Maw Pin Tan[2], Yong Kek Pang[2], Khadijah Alavi[3]

[1] Faculty of Nursing, Universiti Malaya, [2] Faculty of Medicine, Universiti Malaya, [3] Research Center for Psychology and Human Wellbeing, Faculty of Social Sciences and Humanities, Universiti Kebangsaan Malaysia

CS7-2 Construction and Application of a Clinical Decision Support System for Specialized Nursing in Elderly Patients with Sarcopenia

Runfang Guo[1], Fan Liu[2], Jie Jing[3], Ling Zhang[1], Yiling Li[4]

[1] Department of Endodontics, State Key Laboratory of Oral Diseases & National Center for Stomatology & National Clinical Research Center for Oral Diseases & West China Hospital of Stomatology, [2] Department of Nursing, State Key Laboratory of Oral Diseases & National Center for Stomatology & National Clinical Research Center for Oral Diseases, West China Hospital of Stomatology, Sichuan University, [3] Department of Nursing, Sichuan Provincial People's Hospital, School of Medicine, University of Electronic Science and Technology of China, [4] School of Nursing, Chengdu University of Traditional Chinese Medicine

CS7-3 Profiling Multi-System Symptom Clusters in Knee Osteoarthritis Patients and Associated Influencing Factors

Shuang Li[1, 2], Pei Liu[1, 2]

[1] School of Nursing, Anhui Medical University, [2] Department of Orthopedics and Joint Surgery, Peking University Shenzhen Hospital

CS7-4 Determinants of Digital Exclusion Among Older Adults in India: Evidence from the Longitudinal Aging Study in India

Tianxu Miao[1], Hongtao Cheng[1], Hexiao Ding[2], June Zhang[1]

[1] School of Nursing, Sun Yat-Sen University, [2] Department of Health Technology and Informatics, The Hong Kong Polytechnic University

Session 8 Innovations in Healthcare Education and Pedagogy

Day 1 (November 23, 2026)

15:00 – 16:00
Room 303

Moderators **Dr Anne Rowat, University of Glasgow**
Prof Weizi Wu, The University of Hong Kong

CS8-1 **Bridging Theory and Practice: Construction and Effect Evaluation of a "Three-Stage Progressive" Teaching Model for Comprehensive Midwifery Experimental Courses**

Shao-hua Chen, Ji-hong Song, Bn-bin Lin, Yu Liu, Xiao-yan Wang

School of Nursing, Fujian Medical University

CS8-2 **Scaling and Streamlining Educational Escape Room Simulation for A–E Assessment in Nursing Students**

Michelle Freeling[1], Tegan Budd[2], Oluwatomilayo Omoya[2], Uchita Karki[2], Deb Surman[2], Amanda Muller[2]

[1] College of Health, Adelaide University, [2] College of Health and Enablement, Flinders University

CS8-3 **Reimagining Post-Baccalaureate Residency Training (PBRT): A Five-Year Evaluation of Thailand's Pathway Beyond Transition to Specialty Nursing Competency**

Pataraporn Kheawwan[1], Chanys Thanomlikhit[2]

[1] Faculty of Nursing, Chulalongkorn University, [2] Nursing Professional Development Center, King Chulalongkorn Memorial Hospital

CS8-4 **Learning Microbiology Through PhotoVoice: A Mixed-Methods Study of Undergraduate Nursing Students' Learning Outcomes and Experiences**

Chun Sing Lam, Ho Lung Wong, Edmond Pui Hang Choi

School of Nursing, The University of Hong Kong

Session 9 Mental Health and Psychosocial Care II

Day 1 (November 23, 2026)

15:00 – 16:00
Room 304

Moderators **Prof Celine Chui, The University of Hong Kong**
Dr Polly Chan, The University of Hong Kong

CS9-1 **Level of Stress and Well-Being Among Nursing Students in Selected Higher Education Institutions: Basis for Holistic Stress Management**

Racquel Dean, Alessandra Marie Crispino, Jemimah Nicole Bigayan, Christian De Guzman, Anna Jamedah Gaphor, Kallel Jarvis Lamera, Jo Marie Ann E Manguerra, Lopez Jaycee Mae, Tatiana Talulah Omana, Ma. Krislee Salvania, Ashley Tacasa

School of Nursing, Centro Escolar University

CS9-2 **Self-Stigma, Self-Esteem, Social Inclusion, and Family Empowerment in Parents of Children with Autism Spectrum Disorder: Latent Profile and Chain Mediation Analysis**

Jingjing Chen[1], Feifei Huang[1], Youjuan Hong[1], Guihua Liu[2], Xiaowei Guo[3]

[1] School of Nursing, Fujian Medical University, [2] Department of Child Health Care, Fujian Maternity and Child Health Hospital, College of Clinical Medicine for Obstetrics, [3] Department of Rehabilitation Medicine, Fuzhou General First Hospital

CS9-3 **Latent Profiles of Caregiver Burnout and Associated Factors Among Family Caregivers of Patients with Heart Failure: A Cross-Sectional Study**

Fan Wu[1], Min Gao[2], Xiu Tao[1], Jing Lu[3], Qin Wang[2], Guozhen Sun[1]

[1] School of Nursing, Nanjing Medical University, [2] Department of Nursing, the First Affiliated Hospital of Nanjing Medical University, [3] Department of Cardiology, the First Affiliated Hospital of Nanjing Medical University

CS9-4 **A Longitudinal Trajectory Analysis of Disease Communication in Couples, Posttraumatic Growth, and Anticipatory Grief in Breast Cancer Patients Based on the Generalized Estimating Equation**

Yemeng Bu, Tieying Shi

Nursing Department, The First Affiliated Hospital of Dalian Medical University

Session 10 Women's Health

Day 1 (November 23, 2026)

15:00 – 16:00
Room 305

Moderators **Prof Miyuki Ishibashi, Chiba University**
Dr Ying Dai, The University of Hong Kong

CS10-1 **Effects of Health Promotion on the Awareness of Human Papillomavirus (HPV) Vaccine Among Female Elementary Students**

Naressia Ballena, Rissamille Abayarri, Trixie Joanne Castillo, Aimee Alexandra Cea, Maia Klouise De Jesus, Kharyll Shia Due, Maryll Rose Mahinay, Harold Mendoza, Cyrus Panganiban, Krizianne Gail San Pablo, Mark John Alexis Solis

School of Nursing, Centro Escolar University

CS10-2 **Navigating Work and Lactation: A Scoping Review of Women's Experiences**

Hoi Lam Caroline Ip[1], Wing Chung Tang[2], Zesen Gao[2], Ying Wai Fan[3], Kris Yuet Wan Lok[1]

[1] School of Nursing, The University of Hong Kong, [2] The University of Hong Kong Libraries, The University of Hong Kong, [3] School of Nursing, Guang Dong Medical University

CS10-3 **Association Between Sleep Quality and Duration and Blood Pressure Variability in Pregnancy-Induced Hypertension**

Jing Wen, Jiao Wen, Tehua Li, **Xiaoyuan Deng**

Department of Obstetrics Nursing, West China Second University Hospital, Sichuan University

CS10-4 **Effectiveness of an Integrated Two-Stage Hybrid Simulation on Undergraduate Nursing Students' Breastfeeding Clinical Self-Efficacy and Knowledge Confidence: A Convergent Mixed-Methods Randomized Controlled Trial**

Rosenna Wai Ming Chung[1,2], Yuen Fan Chan[1], Ying Dai[1], Caroline Hoi Lam Ip[1], Natalie Po Man Lee[2], Isobel Hoi Ki Yeung[2], **Kris Yuet Wan Lok**[1]

[1] School of Nursing, The University of Hong Kong, [2] School of Nursing, Hong Kong Metropolitan University

Session 11 Surgical and Cancer Care

Day 1 (November 23, 2026)

16:30 – 17:45
Room 301

Moderators **Prof Younhee Jeong, Kyung Hee University**
Dr Hye Ri Choi, The University of Hong Kong

CS11-1 **Simple Bed Exercises for Reducing Postoperative Ileus in Colorectal Surgical Patients: A Randomized Controlled Trial**

SK Siu[1, 2], H KM Joeng[1], KY Wong[1], DST Cheung[2]

[1] Department of Surgery, United Christian Hospital, [2] School of Nursing, The University of Hong Kong

CS11-2 **Preoperative and Postoperative Correlates of Fatigue in Gynecological Cancer Surgery: A Theory-Guided Study for Cancer Symptom Management**

Mengqin Zhang[1, 2], Xing Liu[1, 2], Yan Tan[1, 2], Tianjiao Xu[1, 2], Xu Zhang[1, 2]

[1] Department of Gynecology Nursing, West China Second University Hospital, Sichuan University, [2] Key Laboratory of Birth Defects and Related Diseases of Women and Children (Sichuan University), Ministry of Education

CS11-3 **Decision Conflict in Liver Cancer Surgery Patients: A Mixed Methods Study Based on the Ottawa Decision Support Framework**

Fan Xue[1, 2], Ke Lin[2], Suying Duan[1, 2]

[1] School of Nursing, Kunming Medical University, [2] Department of Anesthesiology and Surgery, The Second Affiliated Hospital of Kunming Medical University

CS11-4 **Application of a Gastrostomy Decision Aid for Cancer Patients with Dysphagia: A Randomized Controlled Trial**

Yu Chen, Huanna Zang, Jingyun Yang, Jiayuan Zhuang

School of Nursing, Fujian Medical University

CS11-5 **Latent Symptom Profiles and Associated Factors in Patients After Endoscopic Transnasal Pituitary Surgery**

Tang Li

School of Nursing, Southern Medical University

Session 12 Cognitive Health and Neurodegenerative Care

Day 1 (November 23, 2026)

16:30 – 17:45
Room 302

Moderators **Prof Michelle Hermiston, VinUniversity**
Dr Tongyao Wang, The University of Hong Kong

CS12-1 **Translating Nutritional Modulation of Neuroinflammation into Nursing Strategies for Healthy Aging and Long-Term Care in Alzheimer's Disease and Depression**

Hui-chen Wang

Second Degree of Science in Nursing, College of Medicine, National Taiwan University

CS12-2 **Association of the Cumulative Life's Essential 8 Score with Cognitive Change: Results from Two Longitudinal Cohorts**

Yiwen Dai, Yuling Liu, Yang Pan, Fanfan Zheng

School of Nursing, Peking Union Medical College

CS12-3 **Digital Health Literacy and Cognitive Frailty Among Older Adults in Rural Xinjiang: A Latent Profile Analysis and Moderated Mediation Analysis**

Lei Kang[1], Hanyue Sun[1], Mengsi Huang[1], Qin Liu[1], Aifeire Abeibao[1], Na Meng[1], Shuping You[1, 2]

[1] School of Nursing, Xinjiang Medical University, [2] Population Disease and Health Care, Xinjiang Regional Research Center

CS12-4 **Sleepless After Stroke: How Insomnia and Hypnotic Use Shape Cognitive Decline and Mortality in 1.8 Million Survivors**

Faizul Hasan[1, 2], Ratsiri Thato[1], Hsiao-yean Chiu[3], Min-huei Hsu[4], Kanjanee Phanphairoj[1, 2], Muhammad Solihuddin Muhtar[4]

[1] Faculty of Nursing, Chulalongkorn University, [2] Multidisciplinary Approaches to Improve Holistic Well-Being for All Ages: Harmonizing Nursing Science and Music Research Group, Chulalongkorn University, [3] School of Nursing, College of Nursing, Taipei Medical University, [4] Graduate Institute of Data Science, Taipei Medical University

CS12-5 **Development and Evaluation of Cognidiet: A Chinese Dietary Pattern for Cognitive Health Maintenance**

Ningsu Chen[1, 2], Mengnan Zhao[2], Yana Qi[2], Kai Zhao[2], Jiajie Yu[2]

[1] Department of Gynecology Nursing, West China Second University Hospital, Sichuan University, [2] Clinical Epidemiology and Evidence-Based Medicine Center, West China Hospital, Sichuan University

CS12-6 **Frailty Transitions, Depressive Symptoms, and Incident Dementia: Findings from Four Longitudinal Studies**

Jia Fang, Meifen Zhang

School of Nursing, Sun Yat-Sen University

Session 13 Digital Health, AI, and Smart Care Delivery II

Day 1 (November 23, 2026)

16:30 – 17:45
Room 303

Moderators **Prof Jenniffer Paguio, University of the Philippines Manila**
Prof Wanrui Wei, The University of Hong Kong

CS13-1 Nurse-Led Digital Structured Education Enhanced by Behavioral Nudge Tools for Adults with Type 2 Diabetes: A Multicenter Randomized Controlled Trial

Yan Lin[1, 2], Yingchun Zeng[3], Kaining Chen[4], Zongcun Chen[5], Caihua Ye[1], Ying Zhou[6], Qiwei Zhou[1], Chengying Yu[1], Vivien Xi Wu[3], Samuel Seidu[7, 8], Bin Li[9], **Xinjun Jiang**[1]

[1] School of Nursing, Hainan Medical University, [2] Department of Nursing Management, The Second Affiliated Hospital of Hainan Medical University, [3] Alice Lee Centre for Nursing Studies, Yong Loo Lin School of Medicine, National University of Singapore, [4] Endocrinology Department, Hainan General Hospital, [5] Endocrinology Department, The Second Affiliated Hospital of Hainan Medical University, [6] Department of Hyperbaric Oxygen, 928th Hospital, [7] Leicester Real World Evidence Unit, Leicester Diabetes Centre, [8] Leicester Diabetes Research Centre, University Hospital Leicester, Leicester General Hospital, [9] Department of Nursing Management, Hainan General Hospital

CS13-2 Effects of a WeChat-Based Multimodal Psychoeducational Intervention on Family Caregivers of Adults with Acute Leukaemia: A Randomised Controlled Trial

Jingnan Zheng, Jiayi Lin, Siwen Xiao, Ying Wang

School of Nursing, Fujian Medical University

CS13-3 A Study on AI-Based Home Rehabilitation Management Program for Patients After Lung Cancer Surgery

Min Li, Qian Ding

Department of Thoracic Surgery, Henan Provincial Peoples Hospital

CS13-4 Multi-Sensory Sham Feeding Alleviates Oxidative Stress and Preserves Intestinal Mucosa After Gastrointestinal Surgery: Clinical and Experimental Evidence

Yilin Wang[1, 2], Qijie Li[1, 2], Ka Li[1, 2]

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CS13-5 The Role of Technology-Based Music Intervention for Enhancing Wellness: A Scoping Review

Wanrui Wei[1, 2], Peiyuan Liu[2], Jeehye Jun[3], Emika Miller[2], Alexandria Brackett[4], Gabriella Engstrom[5], Rex Ying[6], Jeffrey Brock[6], Jose Garcia-leon[7], Tatiana Sadak[2], Azita Emami[2]

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Session 14 Family Caregiving and Supportive Care

Day 1 (November 23, 2026)

16:30 – 17:45
Room 304

Moderators **Prof Kelly Metcalfe, University of Toronto**
Dr Jian Wang, The University of Hong Kong

CS14-1 **Paediatric Family-Based Dignity Therapy for Children with Advanced Cancer and Their Family Caregivers: A Randomised Clinical Trial**

Yanchao Wu[1], Yonglin Li[1], Melissa Bloomer[2, 3], Lorna Fraser[4], Zirong Tian[5], Xuan Zhou[6], Zishen Wang[1], Qiaohong Guo[1]

[1] School of Nursing, Capital Medical University, [2] School of Nursing and Midwifery, La Trobe University, [3] School of Nursing and Midwifery, Griffith University, [4] Cicely Saunders Institute, Faculty of Nursing, Midwifery and Palliative Care, King's College London, [5] Nursing Department, Beijing Tongren Hospital, Capital Medical University, [6] Hematology Center, National Key Clinical Discipline of Paediatric Hematology, National Key Discipline of Paediatrics (Capital Medical University), Beijing Children's Hospital, Capital Medical University

CS14-2 **Dyadic Communication and Coping Experiences of Lung Cancer Patients and Their Family Caregivers During Disease Adaptation: A Descriptive Phenomenological Study**

Yihan Yao, Juan Li, Shuowei Fu, Yifan Liu, Zhimin Meng

Xiangya School of Nursing, Central South University

CS14-3 **Actor-Partner Interdependence Model of Illness Perception and Fear of Disease Progression in Probands and Affected Relatives with Hypertrophic Cardiomyopathy**

Yue Wu, Tao Liang

School of Nursing, Chinese Academy of Medical Sciences & Peking Union Medical College

CS14-4 **Latent Profiles of Unmet Supportive Care Needs Among Patients with Advanced Lung Cancer and Their Associations with Family Caregiver Outcomes: Implications for Oncology Nursing Practice**

Jian Yu[1, 2], Min Huang[1]

[1] Department of Respiratory and Critical Care Medicine, The First Affiliated Hospital with Nanjing Medical University, [2] School of Nursing, Nanjing Medical University

CS14-5 **Mapping Supportive Care Needs Across the Cancer Patient Journey: A Qualitative Meta-Synthesis**

Ziyan Wang, Yinning Guo, Qin Xu

School of Nursing, Nanjing Medical University

CS14-6 **Designing Human-Centred Telehealth for Family Caregivers of Older Adults with Disabilities: A Qualitative Study**

Lina Guan[1], Guijuan Zhang[2], Yuyang Yi[3], Xiaochun Zou[4], Bingsheng Guan[5], Yanya Chen[2, 3], Wai-kit Ming[3, 6]

[1] School of Nursing, Sun Yat-sen University, [2] School of Nursing, Jinan University, [3] Department of Infectious Diseases and Public Health, Jockey Club College of Veterinary Medicine and Life Sciences, City University of Hong Kong, [4] School of Health, Dongguan Polytechnic, [5] The First Affiliated Hospital of Jinan University, The First Affiliated Hospital of Jinan University, [6] Institute of Global Governance and Innovation for a Shared Future, City University of Hong Kong

Session 15 Health Care Systems Policy and Management

Day 1 (November 23, 2026)

16:30 – 17:45
Room 305

Moderators **Ms Yah San Pek, Universiti Kuala Lumpur**
Dr Linda Lee, The University of Hong Kong

CS15-1 **Exploring Nurses' Role Transformation, Safety Challenges, and Organizational Adaptation During Digital Transformation in Oral Healthcare**

Shiqi Yu

Department of Nursing, West China School of Stomatology

CS15-2 **Developing a Theoretical Framework for Non-Cost Factors in Palliative Care Pricing: A Value-Based Healthcare Perspective**

Yi Chen, Shuqin Zhu

School of Nursing, Nanjing Medical University

CS15-3 **Long-Term Cost-Effectiveness of a Nurse-Led Intervention to Improve Adherence to the ABC Pathway in Rural Patients with Atrial Fibrillation**

Jiajia Xu[1], Chuanfang Chen[2], Qirao Ye[3], Ying Liu[1], Guilian Chen[1], Jun Huang[4], Song Guo[3], Xiaomin Zhang[5]

[1] School of Nursing, Sun Yat-Sen University, [2] Department of Rehabilitation Medicine, People's Hospital of Shangyou County, [3] Department of Cardiology, People's Hospital of Shangyou County, [4] Department of Geriatrics, Guangdong Provincial People's Hospital, [5] Department of Medical Oncology, Sun Yat-Sen University Cancer Center

CS15-4 **Nurses' Trust Calibration, Reliance, and Override of Algorithmic Clinical Decision Support: A Scoping Review**

Roison Andro Narvaez[1], Josephine De Leon[1], Elvira Urgel[1], Erna Yabut[2], **Ma. Mercedes Loo**[1], Marilane Ferrer[1], Yvette Grace Collado[1]

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