

2026 INC

International Nursing Conference

Nursing Intelligence in the AI Era:
Strategic Empowerment of Research,
Education, and Practice

October 19^(Mon) - 20^(Tue), 2026

Swiss Grand Hotel, Seoul, Korea

<https://www.inc2026.kr>

Conference Proceedings

Supported by **KCST**

 **Korean Society of
Nursing Science**



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International Nursing Conference

Nursing Intelligence in the AI Era:
Strategic Empowerment of Research,
Education, and Practice

This Work was supported by the Lottery Fund of the Ministry of Planning and Budget and the Science and Technology Promotion Fund of the Ministry of Science and ICT, contributing to the public good and the realization of social value, as well as the advancement of science and technology in Korea.

Supported by **KO-EST**

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2026 INC
International Nursing Conference

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Welcome Messages



**Dear Colleagues, Distinguished Scholars,
and Esteemed Guests,**

On behalf of the Korean Society of Nursing Science, it is my great privilege to invite you to the 2026 International Nursing Conference, convening under the theme “Nursing Intelligence in the AI Era: Strategic Empowerment of Research, Education, and Practice,” on October 19–20, 2026, in Seoul, Korea.

Artificial intelligence is reshaping the structure and delivery of health care with unprecedented speed and scope. Clinical decision support, AI-driven diagnostics, and intelligent care platforms are rapidly becoming embedded in the environments where nurses work, learn, and lead. Yet the trajectory of this transformation is not predetermined. It is the disciplinary wisdom, ethical judgment, and relational intelligence of nursing—precisely those capacities that resist algorithmic reduction—that will determine whether these technologies genuinely serve patients, families, and communities. “Nursing Intelligence” is therefore a disciplinary imperative: a call to assert our profession’s epistemic authority and to ensure that nurses are not passive end-users, but active architects of how AI systems are designed, evaluated, and governed.

The conference program has been intentionally structured around three interlocking pillars, each targeting a dimension of nursing intelligence the AI era demands we strengthen. In research, our sessions interrogate how nursing science can generate the rigorous, scientific evidence responsible AI development requires. In education, our symposia examine how curricula must be reimagined to cultivate AI literacy, ethical reasoning, and digital competency in the next generation of nurses. In practice, our presentations explore how AI-informed advances can be embedded equitably into clinical settings, ensuring innovation translates into improved outcomes across diverse populations. Keynote addresses, curated symposia, oral and poster sessions, and a dedicated early-career researcher track are each organized to advance dialogue across these three domains—ensuring

that this conference functions not merely as a forum for knowledge exchange, but as a catalyst for the strategic empowerment our profession demands.

I extend my profound gratitude to the scientific and organizing committees, our eight academic member societies, institutional partners, and every author, reviewer, and volunteer whose commitment to nursing scholarship has made this program possible.

As we gather at this intersection of nursing knowledge and technological possibility, I invite each of you to engage with intellectual rigor, speak with candor, and collaborate with generosity. It is our collective intelligence—human, disciplinary, and now augmented—that will determine nursing’s contribution to global health. We look forward to building that future together, here in Seoul.

Warmly and with great anticipation,

Eui Geum Oh, PhD, RN, FAAN

President, Korean Society of Nursing Science
Professor, College of Nursing, Yonsei University

Congratulatory Message



**Esteemed Colleagues, President Eui Geum Oh,
and Distinguished Guests,**

It is a privilege to greet you in Seoul and to offer my warm congratulations to the Korean Society of Nursing Science on the 16th International Nursing Conference. On behalf of the Korean Federation of Science and Technology Societies (KOFST), I thank President Oh and the Organizing Committee, whose work has brought this community of scholars together.

As a mathematician, I feel a particular kinship with your profession, for my discipline, too, counts Florence Nightingale among its own. You honor her as the founder of modern nursing; statisticians remember her as the reformer who let numbers speak. Her tables for January 1855, the deadliest month of the Crimean War for the British army, record 2,761 soldiers lost to infectious disease and 83 to wounds. She set those figures out in diagrams so clear that their meaning could not be overlooked, and in 1858 she became the first woman elected to what is now the Royal Statistical Society.

Your discipline has remained faithful to her insight that evidence and compassion belong together. Care unsupported by evidence may fail the patient; evidence unaccompanied by compassion has yet to become care. That, I believe, is the heart of what this conference calls “nursing intelligence,” and it is why your voice carries such weight today.

Artificial intelligence now analyzes clinical data on a scale no human reader could match, and its predictions of risk grow ever more precise. Yet no algorithm understands what it means when a patient is quieter today than yesterday, or what a family most needs to hear tonight. That discernment is clinical judgment, and it is yours. Nowhere does technology meet human life more closely than in nursing, and for that reason nurses belong among those who design, evaluate, and govern these systems, not merely among those who use them.

My own field, mathematics education, offers a note of caution. We have learned in our classrooms that a tool which thinks in the learner's place, however brilliant, diminishes the very understanding it was meant to cultivate. The same holds true in the education of nurses and at the point of care. The measure of clinical AI lies not in accuracy alone, but in whether it strengthens the nurse's judgment and leaves the patient better cared for.

KOFST is the umbrella organization for science and technology in Korea. In this, our sixtieth year, we declared a new vision: a people-centered future, opened together through science and technology. Few disciplines embody that aspiration as fully as yours. Nursing science has always worked across boundaries: between laboratory and bedside, between the biological and the social, between the individual and the community. Aging societies, equity in health, and the place of machines in human care are among the defining questions of our time. None will yield to a single discipline, and the wider scientific community has much to learn from the way you work. KOFST is proud to support this conference.

I wish you two days of thoughtful discussion and lasting collaboration and, for those who have traveled far, time to enjoy Seoul in autumn. May you leave with a clearer understanding of what better care can mean in the age of AI.

Oh Nam KWON

President, The Korean Federation of Science and Technology Societies



Organizing Committee

Organizing Committee

KSNS President	Eui Geum Oh	Yonsei University
Organizing Committee Chair	Sunhee Lee	The Catholic University of Korea

Executive Committee

Chair	Hae Won Kim	Seoul National University
Members	Eun Ji Seo	Ajou University
	Sujin Shin	Ewha Womans University
	Seon Young Hwang	Hanyang University
	Sukhee Ahn	Chungnam National University

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	JuHee Lee	Yonsei University
	Hae Young Yoo	Chung-Ang University
	Sun Ju Chang	Seoul National University
	Dong Hee Kim	Sungshin Women's University
	Gisoo Shin	Chung-Ang University
	Heeseung Choi	Seoul National University
	Heesook Son	Chung-Ang University
	Hyunjoo Na	The Catholic University of Korea
	Jooyoung Cheon	Sungshin Women's University

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Promotion Committee

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Members	Soo Hyun Kim	Inha University
	Soyoung Yu	CHA University

Protocol Committee

Chair	Sanghee Kim	Yonsei University
Member	Bomin Jeon	Seoul National University

Korean Society of Nursing Science (KSNS)

About KSNS

The Korean Society of Nursing Science(KSNS), founded in 1970, is an academic research organization with over 4,200 currently active nursing scholars.

The membership consists of professors from 201 nursing education institutions and related research institutes, along with researchers and leaders in the nursing field.

The primary goal of this society is to advance the field of nursing science through research and both domestic and international academic activities. It aims to contribute to the development of new nursing technologies and the establishment of key policies to improve public health, as well as to enhance exchanges with other academic societies.

To achieve these fundamental goals, the society supports nursing research activities, engages in initiatives for the advancement of nursing education, and undertakes the publication and dissemination of academic journals.

This association is comprised of the Korean Society of Nursing Administration, the Korean Academy of Fundamentals of Nursing, the Korean Society of Biological Nursing Science, the Korean Society of Adult Nursing, the Korean Society of Child Health Nursing, the Korean Society of Women Health Nursing, the Korean Academy of Psychiatric and Mental Health Nursing, and the Korean Academy of Community Health Nursing. Each society is actively involved in domestic and international academic activities, including the publication of journals, and they organize an international conference (INC) every two years.

Academic Division



한국간호행정학회
Korean Academy of Nursing Administration

Korean Academy of Nursing Administration



한국기본간호학회
Korean Academy of Fundamentals of Nursing

Korean Academy of Fundamentals of Nursing



한국기초간호학회
Korean Society of Biological Nursing Science

Korean Society of Biological Nursing Science



한국성인간호학회
Korean Society of Adult Nursing

Korean Society of Adult Nursing



한국아동간호학회
Korean Academy of Child Health Nursing

Korean Academy of Child Health Nursing



한국여성건강간호학회
KOREAN SOCIETY OF WOMEN HEALTH NURSING

Korean Society of Women Health Nursing



KPMhn
한국정신간호학회

Korean Academy of Psychiatric and Mental Health Nursing



한국지역사회간호학회
Korean Academy of Community Health Nursing

Korean Academy of Community Health Nursing

Overview

Title	The 16 th International Nursing Conference
Theme	Nursing Intelligence in the AI Era: Strategic Empowerment of Research, Education, and Practice
Date	October 19(Mon) – 20(Tue), 2026
Venue	Swiss Grand Hotel, Seoul, Korea
Language	English
Program	Opening Ceremony Keynote Address Plenary Session Concurrent Session Closing Ceremony
Hosted by	Korean Society of Nursing Science (KSNS)
Supported by	The Korean Federation of Science and Technology Societies (KOFST)
Website	https://www.inc2026.kr

Program at a Glance Day 1

October 19 (Monday), 2026								
	Convention Center 4F		Convention Center 3F			Hotel 2F		
Place TIME	Room A (Convention Hall)	Room B (Convention Hall)	Room C (Emerald A)	Room D (Emerald B)	Room E (Diamond)	Room F (Grand Ballroom A)	Room G (Grand Ballroom B)	Room H (Grand Ballroom C)
09:40-10:00	Opening Ceremony							
10:00-11:00	Keynote Address 1							
11:00-11:20	Coffee Break & Poster Walk							
11:20-12:20	Plenary Session 1: Research							
12:20-14:00	Lunch & Poster Walk							
14:00-15:00	Plenary Session 2: Education							
15:00-15:30	Break & Poster Walk							
15:30-16:30	Concurrent Session 1 Career Development Session for Graduate Students	Concurrent Session 2 Digital Health AI and Predictive Analytics in Clinical Care	Concurrent Session 3 Digital Health and Community Care Health and Care in Older Adults	Concurrent Session 4 Digital Health and Community Care Digital Innovation in Health and Care	Concurrent Session 5 Mental Health and Well-Being in Diverse Populations	Concurrent Session 6 Nursing Education AI-Enhanced Nursing Education	Concurrent Session 7 Nursing Management & Policy Nurses' Well-Being and Work Environment	Concurrent Session 8 Nursing Management & Policy Nursing Practice and Organizational Performance
16:30-17:30	Concurrent Session 9 Innovation & Entrepreneurship Session in Nursing	Concurrent Session 10 Digital Health Digital Health for Health Promotion and Self-Management	Concurrent Session 11 Digital Health and Community Care Self-Care and Person-Centred Care	Concurrent Session 12 Digital Health and Community Care Technology Use, Health Promotion, and Education	Concurrent Session 13 Mental Health Mental Health and Resilience in Young People	Concurrent Session 14 Nursing Education Simulation and Immersive Learning in Nursing Education	Concurrent Session 15 Nursing Management & Policy Nursing Roles, Professional Identity, and Policy	Concurrent Session 16 Nursing Education Clinical Learning and Professional Development in Nursing
18:00-20:30	Welcome Dinner (Invited Only)							

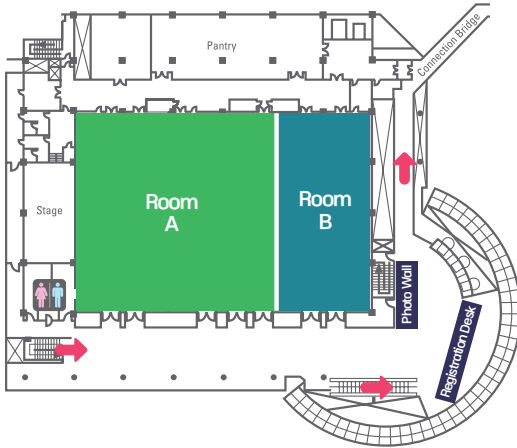


Program at a Glance Day 2

October 20 (Tuesday), 2026								
	Convention Center 4F		Convention Center 3F			Hotel 2F		
Place TIME	Room A (Convention Hall)	Room B (Convention Hall)	Room C (Emerald A)	Room D (Emerald B)	Room E (Diamond)	Room F (Grand Ballroom A)	Room G (Grand Ballroom B)	Room H (Grand Ballroom C)
09:30-10:30	Keynote Address 2							
10:30-10:50	Break & Poster Walk							
10:50-11:40	Concurrent Session 17 Research Capacity Building Session for Early-Career Researchers	Concurrent Session 18 Acute & Critical Care Systems and Support in Critical and Emergency Care	Concurrent Session 19 Child & Women's Health Child and Adolescent Health Promotion	Concurrent Session 20 Child & Women's Health Women's Health Across the Life Course	Concurrent Session 21 Community Health Healthy Aging and Psychosocial Well-Being	Concurrent Session 22 Digital Health Digital Health and Robotics in Older Adult Care	Concurrent Session 23 Long-term & Palliative Care Self-Care and Chronic Illness Management	Concurrent Session 24 Mental Health Innovative Interventions in Mental Health and Neurobehavioral Care
		Concurrent Session 25 Acute & Critical Care Clinical Management and Innovation in Critical Care	Concurrent Session 26 Child & Women's Health Family and Developmental Care in Children	Concurrent Session 27 Child & Women's Health Health and Quality of Life in Populations with Special Health Needs	Concurrent Session 28 Community Health Community Support and Caregiving	Concurrent Session 29 Digital Health Emerging Technologies in Nursing and Healthcare	Concurrent Session 30 Long-term & Palliative Care Cancer Caregiving and End-of-Life Care	Concurrent Session 31 Mental Health Mental Health of Nurses and Nursing Students
11:40-12:30								
12:30-14:00	Lunch & Poster Walk							
14:00-15:00	Plenary Session 3: Research							
15:00-15:20	Break & Poster Walk							
15:20-16:20	Plenary Session 4: Practice							
16:20-16:40	Closing Ceremony							

Floor Plan Convention Center

4th Floor



Room A+B

- Opening Ceremony
- Closing Ceremony
- Keynote Address: 1, 2
- Plenary Lectures: 1, 2, 3, 4

Room A

- Concurrent Session 1, 9, 17

Room B

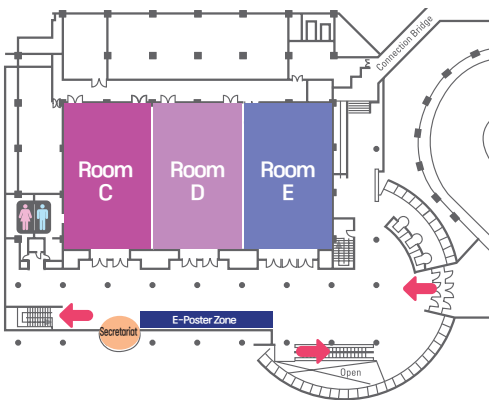
- Concurrent Session 2, 10, 18, 25

Registration Desk

Preview

Exhibition Booths

3rd Floor



Room C

- Concurrent Session 3, 11, 19, 26

Room D

- Concurrent Session 4, 12, 20, 27

Room E

- Concurrent Session 5, 13, 21, 28

Bride Room

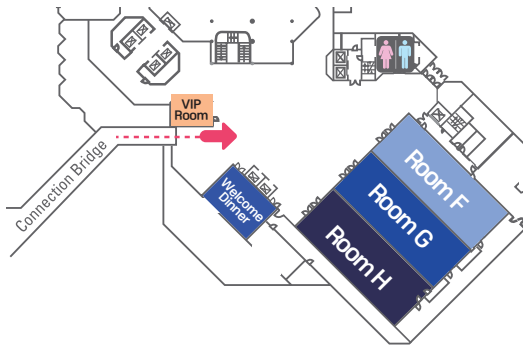
- Secretariat

E-Poster Zone

Photo Booths

Floor Plan Hotel

2nd Floor



Room F

- Concurrent Session 6, 14, 22, 29

Room G

- Concurrent Session 7, 15, 23, 30

Room H

- Concurrent Session 8, 16, 24, 31

Peacock

- Welcome Dinner (Invited Only)

Boardroom

- VIP Room

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Scientific Program

October 19 (Monday), 2026

Day 1





Scientific Program (Day 1)

Time	Program
Room A+B (Convention Center 4F)	
09:40-10:00	Opening Ceremony Opening Address: Sunhee Lee Organizing Committee Chair Welcome Message: Eui Geum Oh KSNS President Congratulatory Message: Oh Nam Kwon KOFST President
10:00-11:00	Keynote Address 1 Room A+B (Convention Center 4F) Moderator JuHee Lee Yonsei University, Korea Where Is Nursing Heading in the Age of AI? Leadership in Digital Health and AI-Enabled Care Elizabeth Borycki University of Victoria, Canada
11:00-11:20	Coffee Break & Poster Walk
11:20-12:20	Plenary Session 1: Research Room A+B (Convention Center 4F) Moderator Jun-Ah Song Korea University, Korea Diversity, Equity, and Inclusion in Nursing AI Research Yoshimi Fukuoka University of California, USA
12:20-14:00	Lunch & Poster Walk
14:00-15:00	Plenary Session 2: Education Room A+B (Convention Center 4F) Moderator Hye-Ah Yeom The Catholic University of Korea, Korea Preparing Next Generation of Healthcare Professionals for Era of AI Shinki An Yonsei University, College of Medicine, Korea
15:00-15:30	Break & Poster Walk

Time	Program
Room A (Convention Center 4F)	
15:30–16:30	Concurrent Session 1 Room A (Convention Center 4F) Career Development Session for Graduate Students Moderator Hyunjoo Na The Catholic University of Korea, Korea
15:30–15:50	From Graduate Student to Faculty: Lessons from My Academic Journey Jae Jun Lee Gachon University, Korea
15:50–16:10	From PhD Student to Nurse Researcher: What I Learned in the Early Career Years Jee-Hye Yoo CHA University, Korea
16:10–16:30	Career Pathway: Becoming a Nursing Researcher Jiwon Oh Sungshin Women's University, Korea
16:30–17:30	Concurrent Session 9 Room A (Convention Center 4F) Innovation & Entrepreneurship Session in Nursing Moderator Hyunjoo Na The Catholic University of Korea, Korea
16:30–17:00	Beyond the Paper: From Nurse Researcher to Nurse Entrepreneur Yaelim Lee The Catholic University of Korea, Korea
17:00–17:30	Nursing and Caregiving Start-up: From Novice to Expert Ji Young Lim Inha University, Korea
18:00–20:30	Welcome Dinner (Invited Only) Hotel 2F (Peacock Room)



Scientific Program (Day 1)

Time	Program
Room B (Convention Center 4F)	
15:30–16:20	Concurrent Session 2 Digital Health AI and Predictive Analytics in Clinical Care Moderator Hyeongyeong Yoon Eulji University, Korea
CS02-0001	Evaluating Pretrained Foundation Models for Forecasting Patient-Reported Outcome Deterioration: A Cross-Trial Study in Small Oncology Cohorts <u>Yeongrok Jeong</u> ¹ , Eunyoung Suh ¹ ¹ Center for World-leading Human-care Nurse Leaders for the Future by Brain Korea 21 (BK21) Four Project, College of Nursing, Research Institute of Nursing Science, Seoul National University, Seoul, Republic of Korea
CS02-0002	Development and Temporal Validation of an Explainable Machine Learning Model for Hospital-Onset Bloodstream Infection Among General-Ward Inpatients Undergoing Blood Culture <u>Youngeun Lee</u> ^{1,2} , Naeun Park ² , Seunghee Cho ² , Sohee Kim ^{1,2} , Anna Lee ^{2,3,4} ¹ College of Nursing and Brain Korea 21 FOUR Project, Yonsei University, Seoul, Republic of Korea, ² College of Nursing, Yonsei University, Seoul, Republic of Korea, ³ Institute for Innovation in Digital Healthcare, Yonsei University, Seoul, Republic of Korea, ⁴ Mo-Im Kim Nursing Research Institute, Yonsei University, Seoul, Republic of Korea
CS02-0003	When Fear Doesn't Match Pain: Machine Learning Identifies a Distinct Psychological Subgroup in Chronic Low Back Pain <u>Thi Cuc Le</u> , Pei Shan Tsai Taipei Medical University

Time	Program
CS02-0004	<p>Frailty Prediction and Longitudinal Trajectories in Community-Dwelling Older Adults : A Machine Learning and Latent Class Mixed Model Approach</p> <p><u>Doukyoung Chon</u>¹, Namhee Kim², Yong Whi Jeong³, Chang Won Won⁴, Miji Kim⁵</p> <p>¹Yonsei University Industry-Academic Cooperation Foundation of Future Medicine, Wonju, Republic of Korea, ²Wonju College of Nursing, Yonsei University, Wonju, Republic of Korea, ³Department of Medical Informatics and Biostatistics, Graduate School, Yonsei University, Wonju, Republic of Korea, ⁴Elderly Frailty Research Center, Department of Family Medicine, College of Medicine, Kyung Hee University, Seoul, Republic of Korea, ⁵Department of Biomedical Science and Technology, Medical Research Institute, College of Medicine, Kyung Hee University, Seoul, Republic of Korea</p>
16:30-17:20	<p>Concurrent Session 10 Room B (Convention Center 4F)</p> <p>Digital Health</p> <p>Digital Health for Health Promotion and Self-Management</p> <p>Moderator Hyeongyeong Yoon Eulji University, Korea</p>
CS10-0001	<p>An mHealth-Based Lifestyle Intervention for Metabolic Syndrome Management Using the Seoul Metabolic Challenge App: Study Protocol of a Randomized Controlled Trial</p> <p><u>Yura Shin</u>^{1,2}, Songwhi Noh^{1,2}, Jiye Min^{1,2}, Eunsil Choi³, Sunyoung Kim³, Ilyoung Shin³, Jina Choo^{1,2,3*}</p> <p>¹College of Nursing, Korea University, Seoul, South Korea, ²Transdisciplinary Major in Learning Health Systems, Graduate School, Korea University, Seoul, South Korea, ³Expert and Support Group on the Seoul Metropolitan Metabolic-Syndrome-Management Program</p>
CS10-0002	<p>Impact of Incentive Frequency on Engagement With a Couple-Based Smoking Cessation Web App</p> <p><u>Seung Hee Choi</u>¹, Elizabeth Jenuwine¹, Hossein Yarandi¹, David M. Ledgerwood¹, Xiangmin Zhang¹</p> <p>¹Wayne State University</p>



Scientific Program (Day 1)

Time	Program
CS10-0003	From Fidelity to Equity: Implementing Nurse-Led Telecare for Post-Acute Stroke Follow-Up <u>Arkers Wong</u> The Hong Kong Polytechnic University, Hung Hom, Hong Kong
CS10-0004	Effect of Integrated Internet-Based Acceptance and Commitment Therapy and Behavioral Activation Among Ethnic Minority Young Adults With Alcohol Use Disorder in Hong Kong: Pilot Randomized Controlled Trial <u>Qi Wang, Getaneh Mulualem Belay, Ka Yan Ho</u> School of Nursing, The Hong Kong Polytechnic University, Hong Kong, China

Room C (Convention Center 3F)

15:30-16:20	Concurrent Session 3 Digital Health and Community Care Health and Care in Older Adults Moderator Jo Woon Seok Korea University, Korea	Room C (Convention Center 3F)
CS03-0001	Elder Abuse and Its Associated Factors in Community Settings in South Korea: Findings From the 2023 National Survey of Older Koreans <u>Hyeyeon Yeon</u> ¹ , Jina Choo ^{1,2} ¹ College of Nursing, Korea University, Seoul, South Korea, ² Transdisciplinary Major in Learning Health Systems, Graduate School, Korea University, Seoul, South Korea	
CS03-0002	Two Dimensions of Primary Care and Medical Expenditure Trajectories in Older Korean Adults: Usual Doctor and Care Coordination <u>Hyunsang Kwon</u> ¹ , Ju Young Yoon ¹ ¹ College of Nursing, Seoul National University, Korea	
CS03-0003	Latent Class Analysis of Digital Device Utilization Patterns Among Older Korean Adults: Predictors and Associations with Depressive Symptoms Using the 2023 Survey of Older Persons in Korea <u>Hyuk Joon Kim</u> ¹ , Hye Young Kim ² ¹ Wonkwang University, Korea, ² Jeonbuk National University, Korea	

Time	Program
CS03-0004	<p>Two-Year Longitudinal Associations Between Cardiovascular Health Components (Life's Essential 8) and Frailty Among Older Adults: The Korean Frailty and Aging Cohort Study <u>Seohee Son</u>¹, Namhee Kim¹, Chang Won Won², Miji Kim³, and Doukyoung Chon⁴</p> <p>¹Wonju College of Nursing, Yonsei University, Wonju, Republic of Korea, ²Elderly Frailty Research Center, Department of Family Medicine, College of Medicine, Kyung Hee University, Seoul, Republic of Korea, ³Department of Biomedical Science and Technology, East-West Medical Research Institute, College of Medicine, Kyung Hee University, Seoul, Republic of Korea, ⁴Industry-Academic Cooperation Foundation of Future Medicine, Yonsei University, Wonju, Republic of Korea</p>
16:10-16:20	Discussion
16:30-17:20	<p>Concurrent Session 11 Room C (Convention Center 3F) Digital Health and Community Care Self-Care and Person-Centred Care Moderator <u>Jo Woon Seok</u> Korea University, Korea</p>
CS11-0001	<p>Limited Opportunities for Shared Decision Making About Self-Care: Experiences of Patients with Multiple Chronic Conditions in Primary Care <u>Youshin Kim</u>¹, Hyunjung Kim², Kyoung Suk Lee^{1,3}</p> <p>¹College of Nursing, Seoul National University, Seoul, Korea, ²Jeong Family Clinic, Seoul, Korea, ³Research Institute of Nursing Science, Seoul National University, Seoul, Korea</p>
CS11-0002	<p>How Does Shared Decision Making Relate to Self-Care in Multimorbidity? The Role of Self-Efficacy <u>Hyerin Yoo</u>^{1,2}, Kyoung Suk Lee^{1,2,3}</p> <p>¹College of Nursing, Seoul National University, Seoul, South Korea, ²Center for Human-Caring Nurse Leaders for the Future by Brain Korea 21 (BK 21) four project, College of Nursing, Seoul National University, Seoul, South Korea, ³The Research Institute of Nursing Science, Seoul National University, Seoul, South Korea</p>



Scientific Program (Day 1)

Time	Program
CS11-0003	The Effects of Empowerment, Health Literacy, and Social Support on Self-Care Behaviors in Adults with Type 2 Diabetes Using Continuous Glucose Monitoring <u>Ha Young Lim</u> ¹ , Mi Young Kim ¹ ¹ Department of Nursing, Hanyang University, Seoul, Republic of Korea
CS11-0004	When Care Feels Like a Violation: Measuring Patients' Sexual Dignity Discomfort in Healthcare Settings <u>Sihyun Park</u> ¹ , Hyunjo Kim ² , Soo Yeon Lim ² , Soohyun Lim ² ¹ Department of Nursing, Chung-Ang University, Seoul, South Korea, ² Department of Nursing, Graduate School of Chung-Ang University, Seoul, South Korea

Room D (Convention Center 3F)

15:30-16:30	Concurrent Session 4 Digital Health and Community Care Digital Innovation in Health and Care Moderator Jungmin Lee Hallym University, Korea	Room D (Convention Center 3F)
CS04-0001	Digital Health Literacy, Digital Health Utilization, and Transformational Leadership Among Korean Army Field Officers <u>Jung, Eunyoung</u> ¹ , Kim, Shinwon ² , Cho, Yeseol ² , Joe, Seunyoung ³ Korea Armed Forces Nursing Academy, Korea	
CS04-0002	A Senior-Friendly Web Application Using a Machine Learning Model, Explainable AI, and an AI Agent to Apply the Nursing Process for Physical Frailty in Older Adults <u>Seoyun Shin</u> ¹ , Ihnjung Kwak ² , Namhee Kim ³ , Doukyoung Chon ³ , Seohee Son ³ ¹ Yonsei University, Wonju, Republic of Korea, ² Ewha Womans University, Seoul, Republic of Korea, ³ Yonsei University, Wonju, Republic of Korea	

Time	Program
CS04-0003	<p>From Intention to Actionable Planning: A Behaviorally Informed Mobile Application for BRCA1/2 Family Risk Communication <u>Jiun Yang</u>^{1,2}, Yejin Ko³, Heejin Eom³, Jaeeun Shin³, Sue Kim^{4,5} ¹College of Nursing, Yonsei University, Seoul, Korea, ²Brain Korea 21 FOUR Project, Yonsei University, Seoul, Korea, ³Graduate School of Information, Yonsei University, Seoul, Korea, ⁴Mo-Im Kim Nursing Research Institute, College of Nursing, Yonsei University, Seoul, Korea, ⁵Institute of Innovation in Digital Healthcare, Yonsei University Health System, Seoul, Korea</p>
CS04-0004	<p>“My Friend Soul” - An AI-Based Emotional Support Chatbot for Vulnerable Children in Community Settings: A Formative Study Jiyoung Park¹, Gill A. ten Hoor², Youngkeun Kim³, Seonho Kim⁴, <u>Narae Kim</u>¹, Jiseon Lee³, HARDIANTO RIZKY OKTAVIA¹, Gahui Hwang⁵ ¹College of Nursing, Inje University, South Korea, ²Department of Work and Social Psychology, Maastricht University, The Netherlands, ³Department of Counseling and Psychotherapy, Inje University, South Korea, ⁴Intellius Co., Ltd., Seoul, South Korea, ⁵College of Nursing, Yonsei University, South Korea</p>
CS04-0005	<p>Hospital Staff Members’ Perspectives on AI Applications in University-Affiliated Hospital in Korea: A Qualitative Descriptive Study <u>Hyemin Lee</u>^{1,2}, Jiin Kim¹, Jeongwon Huh^{1,2}, Seolah Yoon¹, Sanghee Kim³ ¹Department of Nursing, Graduate School, Yonsei University, Seoul, Korea, ²Severance Hospital, Yonsei University Health System, Seoul, Korea, ³College of Nursing, Yonsei University</p>
16:30-17:10	<p>Concurrent Session 12 Room D (Convention Center 3F) Digital Health and Community Care Technology Use, Health Promotion, and Education Moderator Jungmin Lee Hallym University, Korea</p>
CS12-0001	<p>The Effect of School Smoking Prevention Programs on Delaying Smoking Initiation among Adolescents According to the School Tobacco-Social Environment: A Longitudinal Study for Tailored Policy Design <u>Urim Kim</u>^{1,2}, Ju Young Yoon¹ ¹College of Nursing, Seoul National University, Korea, ²Seoul Metropolitan Office of Education, Korea</p>



Scientific Program (Day 1)

Time	Program
CS12-0002	Is Classroom-Based Teaching Better Than Self-Learning Approach on a Gather.town Game-Based Online Platform? A Nurse-Led Mental Health Literacy Study <u>Ching-Wen Hung</u> ¹ , Chia-Yi Wu ^{1,2} ¹ School of Nursing, College of Medicine, National Taiwan University, Taiwan, ² Department of Nursing, National Taiwan University Hospital, Taiwan

CS12-0003	Developmental Reorganization of Adolescent Health Lifestyle Profiles Across School Transitions <u>Miyeon Eom</u> ¹ , Jina Choo ^{1,2} ¹ College of Nursing, Korea University, Korea, ² Transdisciplinary Major in Learning Health Systems, Graduate School, Korea University, Korea
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Room E (Convention Center 3F)

15:30-16:20	Concurrent Session 5 Mental Health Mental Health and Well-Being in Diverse Populations Moderator <u>Soolgi Han</u> Kyungbok University, Korea	Room E (Convention Center 3F)
CS05-0001	Depression as a Mediator Between Self-Esteem and Life Satisfaction in People With Disabilities: Insights From the National Disability and Life Dynamics Panel <u>Guijun Liu</u> ¹ , Sukhee Ahn ¹ , Hyejin Lee ¹ ¹ College of Nursing, Chungnam National University, Korea	
CS05-0002	Factors Influencing Life Satisfaction in Cancer Patients: Focusing on the Broaden-And-Build Theory <u>Seri Son</u> ^{1,2} , Sunhee Lee ² ¹ College of Nursing, Shinhan University, South Korea, ² College of Nursing, The Catholic University of Korea, Seoul, South Korea	

Time	Program
CS05-0003	<p>Breaking Through Adversity: A Rodgers’ Evolutionary Concept Analysis of Psychological Resilience in Young Adults With Behaviorally Acquired HIV <u>Yu-Shan Chou</u>^{1,2}, Chi-Wen Chen¹</p> <p>¹College of Nursing, National Yang Ming Chiao Tung University, Taipei, Taiwan, ²Division of Infectious Diseases, Taichung Veterans General Hospital, Taichung City, Taiwan</p>
CS05-0004	<p>Loneliness and Depressive Symptoms as Serial Mediators Linking Trauma-Related Symptoms to Hypertension Among North Korean Defectors <u>Hokon Kim</u>¹, Ocksim Kim¹, Subin Park^{1,2}, Jooyoung Kim^{1,2}, Sang Hui Chu^{1,3,4}</p> <p>¹College of Nursing, Yonsei University, Seoul, Republic of Korea, ²College of Nursing and Brain Korea 21 FOUR Project, Yonsei University College of Nursing, Korea, ³Mo-Im Kim Nursing Research Institute, Yonsei University College of Nursing, Korea, ⁴Yonsei Institute for Digital Health, Yonsei University, Korea</p>
16:30-17:20	<p>Concurrent Session 13 Room E (Convention Center 3F)</p> <p>Mental Health</p> <p>Mental Health and Resilience in Young People</p> <p>Moderator Soolgi Han Kyungbok University, Korea</p>
CS13-0001	<p>Feasibility of the Mindful Digital Buddies Programme: A School-Based Mindfulness and Art Therapy Intervention With mHealth Parent Support for Enhancing Digital Resilience in Hong Kong School-Aged Children <u>Anson Chui Yan TANG</u>¹, Rick Yiu Cho KWAN¹, Alex Chi Keung CHAN¹, Shun, Chan¹, Eliza Mi Ling WONG¹, Regina, Lai-Tong LEE²</p> <p>¹Tung Wah College, HKSAR, China, ²The University of Newcastle, Australia</p>
CS13-0002	<p>Lived Experiences of Post-Traumatic Growth in Adolescents and Young Adults After Heart Transplantation: A Phenomenological Study <u>Ya-Hsiu Li</u>^{1,2}, Yih-Sharng Chen³, Pei-Fan Mu², Chi-Wen Chen²</p> <p>¹Department of Nursing, National Taiwan University Hospital, Taipei, Taiwan, ²College of Nursing, National Yang Ming Chiao Tung University, Taipei, Taiwan, ³Department of Cardiovascular Surgery, National Taiwan University Hospital, Taipei, Taiwan</p>



Scientific Program (Day 1)

Time	Program
CS13-0003	Parental Awareness and Attitudes Towards Adolescent Mental Health in Arab Countries: A Scoping Review <u>Hind AlQadi</u> ¹ , Yu Jin Kam ² , Eun kyoung Choi ³ ¹ Department of Nursing, Yonsei University Graduate School, Seoul, South Korea, ² College of Nursing and Brain Korea 21 FOUR Project, Yonsei University, Seoul, South Korea, ³ College of Nursing and Mo-Im Kim Nursing Research Institute, Yonsei University, Seoul, South Korea

Room F (Hotel 2F)

15:30-16:20	Concurrent Session 6 Nursing Education AI-Enhanced Nursing Education Moderator Sung Reul Kim Korea University, Korea	Room F (Hotel 2F)
CS06-0001	Designing a RAG-Based AI Agent for Assessing Nursing Simulation Courses Sun Kyung Kim ¹ , <u>Hey Ri Hwang</u> ¹ , Su Yeon Park ¹ ¹ Department of Nursing, Mokpo National University, Jeonnam, Korea	
CS06-0002	Design and Development of an Agentic AI System for Automated Generation of Home Health Care Simulation Scenarios <u>Minji Mun</u> ¹ , Hana Lee ² ¹ Research Institute of Nursing Science, Seoul National University, Seoul, Republic of Korea, ² The College of Nursing, Daegu Catholic University, Daegu, Republic of Korea	
CS06-0003	Factors Associated With Clinical Reasoning Competence Based on Nursing Informatics Competency, Communication Competency and Collaborative Self-Efficacy Among Senior Nursing Students: A Cross-Sectional Study <u>Eun Byeol Han</u> ¹ , Ji Hyun Sung ¹ ¹ Keimyung University, Korea	
CS06-0004	Development and Expert Pilot Testing of a Reverse-Teaching Generative Artificial Intelligence Chatbot for Post-Simulation Reflection in Nursing Education <u>Yea Seul Yoon</u> ¹ , Sunki Kim ¹ , Jee-Hye Yoo ¹ , Sooyoung Park ¹ , Kyunghyun Lee ¹ ¹ CHA University College of Nursing, Korea	

Time	Program
16:30-17:20	Concurrent Session 14 Nursing Education Simulation and Immersive Learning in Nursing Education Moderator Sung Reul Kim Korea University, Korea Room F (Hotel 2F)
CS14-0001	Effects of Web-Based Virtual Reality Simulation Education for Nursing Students: A Multicenter Randomized Controlled Trial <u>Deokhyun Lee</u> ¹ , Yoonju Lee ² , HyoNam Lim ³ , Keum-Hee Nam ⁴ , Yujin Suh ⁵ , JuHee Lee ⁶ ¹ College of Nursing and Brain Korea 21 FOUR Project, Yonsei University, South Korea, ² College of Nursing, Research Institute of Nursing Science, Pusan National University, South Korea, ³ College of Nursing, Konyang University, South Korea, ⁴ College of Nursing, Kosin University, South Korea, ⁵ Department of Nursing, Dong-eui University, South Korea, ⁶ Mo-Im Kim Nursing Research Institute, Yonsei Evidence Based Nursing Centre of Korea: A JBI Affiliated Group, Yonsei University, South Korea
CS14-0002	Development and Evaluation of a Burn Care Education Program Using Multiple Instructional Modalities for Nursing Students <u>Daehee Lee</u> ¹ , Eunyoung E. Suh ^{1,2} ¹ College of Nursing, Seoul National University, Seoul, South Korea, ² BK21 FOUR Center for World-Leading Human-Care Nurse Leaders for the Future, Seoul National University, Seoul, South Korea
CS14-0003	Comparing the Educational Effectiveness of 2D Video and 3D Virtual Reality in Learning Personal Protective Skills for Isolated Patient Care <u>Hsiao-Ling Yang</u> ¹ , Mu-Tan Liang ² ¹ National Taiwan University, Taiwan, ² National Taiwan University Hospital, Taiwan
CS14-0004	Using Immersive Virtual Reality Simulation to Enhance Nursing Students' Critical Thinking in Clinical Nursing Skills Education <u>Irene Yuen-fung Wong</u> ¹ , Tyrone Tai-on Kwok ¹ , Carmen Wai-man Wong ¹ , Yvonne Hon-ling Lam ¹ and Gary Long-hei So ¹ ¹ Hong Kong Metropolitan University, Hong Kong, China



Scientific Program (Day 1)

Time	Program
Room G (Hotel 2F)	
15:30-16:30	Concurrent Session 7 Nursing Management & Policy Nurses' Well-Being and Work Environment Moderator Seung Eun Lee Yonsei University, Korea Room G (Hotel 2F)
CS07-0001	The Association Between Self-Compassion and Resilience Among Nurses: The Parallel Mediating Roles of Positive and Negative Affect <u>Mikyoung Lee</u> ¹ , Mijung Jung ² ¹ Dongshin University, Korea, ² Sunchon National University, Korea
CS07-0002	Priority Analysis of Burden Indicators for Formal Caregivers: An Analytic Hierarchy Process Approach <u>Lijun Yang</u> ¹ , Sanghee Jung ¹ , Soseul Park ¹ , Yoojin Sim ¹ , Miyoung Kim ¹ , Hye-Young Jang ¹ , Yongsoon Shin ^{1*} ¹ College of Nursing, Hanyang University, Seoul, Korea
CS07-0003	Sleep Hygiene and Fatigue Levels Among Nurses in a Malaysian Tertiary Government Hospital <u>Salimah Japar</u> ¹ , Saidatul Azwa Shahrom ¹ , Rosna Abdul Raman ¹ , Zarina Haron ¹ ¹ Department of Nursing, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia, Serdang, Malaysia
CS07-0004	Effect of Nursing Unit Managers' Ethical Leadership on Nurses' Turnover Intention Through the Serial Mediating Roles of Perceived Organizational Support and Organizational Commitment: A Nationwide Survey Using Proportional Quota Sampling <u>Hyekyeong Ma</u> ¹ , Hyeonseon Cheon ¹ , Seok Hee Jeong ² ¹ Department of Nursing, Graduate School, Jeonbuk National University, Korea, ² College of Nursing · Research Institute of Nursing Science, Jeonbuk National University, Korea

Time	Program
CS07-0005	<p>Effects of Nursing Work Environment on Turnover Intention through the Serial Mediating Roles of Presenteeism and Missed Nursing Care among Clinical Nurses: A Nationwide Survey using Proportional Quota Sampling <u>Hyeonseon Cheon</u>¹, Hyekyeong Ma¹, Seok Hee Jeong², Mihui Kim²</p> <p>¹Department of Nursing, Graduate School, Jeonbuk National University, South Korea, ²College of Nursing · Research Institute of Nursing Science, Jeonbuk National University, South Korea</p>
16:30-17:20	<p>Concurrent Session 15 Room G (Hotel 2F)</p> <p>Nursing Management & Policy Nursing Roles, Professional Identity, and Policy</p> <p>Moderator Seung Eun Lee Yonsei University, Korea</p>
CS15-0001	<p>The Mediating Effect of Autonomy in the Relationship Between Nurse Practitioners' Scope of Practice Policy and Job Satisfaction <u>Geunhye Kim</u>¹, Jisu Bae², Sung-Heui Bae³</p> <p>¹Samsung Medical Center, Republic of Korea, ²Republic of Korea-Horizontal Military Engineering Company, Republic of South Sudan, ³Ewha Womans University, Republic of Korea</p>
CS15-0002	<p>Structural Change of Policy Networks and Legislative Breakthrough: A 20-Year Discourse Network Analysis of Nursing Legislation in South Korea <u>Ye Eun Park</u>, Young Gyu Kwon¹, Daun Jeong², Mi Kyung Kim², Chan Woong Kim^{1,2}</p> <p>¹Center for Medical AI Research and Education (CAU-MEDAI), Republic of Korea, ²Chung-Ang University, Republic of Korea</p>
CS15-0003	<p>From Task Shifting to Advanced Practice Nursing in Primary Care: A Contextualized Framework for Low- and Middle-Income Countries Informed by Evidence From the Philippines <u>Reiner Lorenzo J. Tamayo</u>¹, TJ Robinson Moncatar²</p> <p>¹Nightingale Transformative Solutions, Inc., Agoncillo Street, Manila, Philippines, ²Department of Health Policy and Administration, College of Public Health, University of the Philippines Manila, Ermita, Manila, Philippines</p>



Scientific Program (Day 1)

Time	Program
CS15-0004	<p>Neither Nurse nor Physician: Professional Identity Work and Institutional Contradictions Among Physician Assistant Nurses</p> <p><u>Yu Jeong Ha</u>, Young Gyu Kwon¹, Daun Jeong^{2,3}, Bo Ram Yoo¹, Mi Kyung Kim^{4,5}, Chan Woong Kim^{1,2,4}</p> <p>¹Center for Medical AI Research and Education (CAU-MEDAI), Chung-Ang University, Dongjak-gu, Seoul, Republic of Korea, ²Department of Emergency Medicine, College of Medicine, Chung-Ang University, Seoul, Korea, ³Division of Critical Care Medicine, Department of Emergency Medicine, Chung-Ang University Gwangmyeong Hospital, Gyeonggi-do, Korea, ⁴Department of Medical Education, College of Medicine, Chung-Ang University, Seoul, Korea, ⁵Department of Pathology, College of Medicine, Chung-Ang University, Seoul, Korea</p>
Room H (Hotel 2F)	
15:30-16:30	<p>Concurrent Session 8 Room H (Hotel 2F)</p> <p>Nursing Management & Policy</p> <p>Nursing Practice and Organizational Performance</p> <p>Moderator Youngjin Lee Ajou University, Korea</p>
CS08-0001	<p>‘Becoming a Nurse’: A Lifelong Journey Beyond the Transition to Professional Practice</p> <p><u>Sarah (Seung A) Park</u>¹, Marion Eckert^{1,2}, Rebecca Sharp^{1,3}, Judy Duchscher⁴, Micah DJ Peters^{1,5,6,7,8,9}</p> <p>¹RBAO Research Centre, Adelaide University, Australia, ²Nursing and Health Sciences, Flinders University, Australia, ³School of Nursing and Midwifery, Adelaide University, Australia, ⁴Thompson Rivers University, British Columbia, ⁵ANMF(Federal office), Australia, ⁶School of Public Health, College of Health, Adelaide University, ⁷Department of Clinical Medicine, Aalborg University, Denmark, ⁸University of Southern, Ipswich, Australia, ⁹Edith Cowan University, Joondalup, Western Australia</p>

Time	Program
CS08-0002	<p>Factors Associated With Antimicrobial Stewardship Involvement Among Clinical Practice Nurses in Tertiary Hospitals <u>Sohyeon An</u>^{1,2}, Namhee Kim², Jihea Choi², Hyoyoul Kim^{3,4} ¹Clinical Practice Nurse Unit (Infectious Diseases), Wonju Severance Christian Hospital, Wonju, Republic of Korea, ²Wonju College of Nursing, Yonsei University, Wonju, Republic of Korea, ³Division of Infectious Diseases, Department of Internal Medicine, Wonju Severance Christian Hospital, Wonju, Republic of Korea, ⁴Division of Infectious Diseases, Department of Internal Medicine, Yonsei University, Wonju College of Medicine, Wonju, Republic of Korea</p>
CS08-0003	<p>Understanding Nurses' Workarounds in Pressure Injury Electronic Nursing Records: A Qualitative Study Using the SEWA Framework <u>I-Ching Hou</u>^{1,2}, Shu-Min Chien³, Chao-Ying Chang^{1,4}, Ya-Ting Kuan¹ ¹College of Nursing, National Yang-Ming University, Taipei, Taiwan, ²Smart Care Research Center, National Yang-Ming University, Taipei, Taiwan, ³Department of Nursing, Taipei Hospital, Ministry of Health and Welfare, New Taipei City, Taiwan, ⁴Department of Medical Information Management, Mennonite Christian Hospital, Hualien, Taiwan</p>
CS08-0004	<p>The Effect of Internal Marketing on Customer Orientation through the Serial Mediating Roles of Job Satisfaction and Organizational Commitment among Nurses: A Cross-Sectional Survey <u>Kyoungmee Lee</u>¹, Seok Hee Jeong² ¹Department of Hospital Construction, Jeonbuk National University Hospital, ²College of Nursing · Research Institute of Nursing Science, Jeonbuk National University</p>
CS08-0005	<p>Predictive Performance and Clinical Utility: A Multi-Angle Validation of an Ensemble Model for Intensive Care Nursing Patient Classification <u>Eun Kang</u>¹, JooChul Lee², GyeongAe Seomun¹, Kyounghae Kim¹ ¹Korea University College of Nursing, Korea, ²Auburn University Department of Mathematics and Statistics, United States of America</p>



Scientific Program (Day 1)

Time	Program
16:30-17:20	Concurrent Session 16 Room H (Hotel 2F) Nursing Education Clinical Learning and Professional Development in Nursing Moderator Bomin Jeon Seoul National University, Korea
CS16-0001	The Effectiveness of Training Programs on Nurse's Shared Decision Making: A Systematic Review <u>Nga Nguyen Thi Thuy</u> , Loan Dang Thi, Ngoc Pham Thi College of Health Sciences, VinUniversity, Hanoi, Vietnam
CS16-0002	Beyond Structured Instruction: Student Nurses' Lived Realities of Incidental Learning During Clinical Placements Jefferson Galanza ¹ , <u>Ressa Mayumi Alterado</u> ¹ , Bolanos ¹ , Caguioa ¹ , Castillo ¹ , Del Rosario ¹ , Dirige ¹ , Dungca ¹ , Falia ¹ , Gansobin ¹ , Paderes ¹ ¹ Saint Louis University, School of Nursing, Baguio City, Philippines
CS16-0003	Strengthening Frontline Nursing Leadership Through a Structured Nursing in Charge Shift Coaching Program: A Multi-Hospital Pre-Post Evaluation <u>Embun Kurniaty</u> ¹ , Yustin ² , Ayu Rahayu ³ , Ari Sunari ⁴ , Sundari ⁵ ¹ Mayapada Hospital, Indonesia
CS16-0004	Negative Events, Resilience, and Meaning in life Among Nursing Students: Potential Profiles and Mediation Analysis <u>Yue Zhang</u> , Yan Fu, HaoSen Pan, AnKai Chen, HaoLin Dou, XiaoMei Wang, QuanQuan He, JiaNi Qian, MaoYun Miao, LiPing Ren School of Nursing, Shandong Second Medical University, Shandong, China

2026 INC

International Nursing Conference

Nursing Intelligence in the AI Era:
Strategic Empowerment of Research,
Education, and Practice

Keynote Address 1

Moderator: JuHee Lee Yonsei University, Korea

October 19 (Monday), 2026

Room A+B
(Convention Center 4F)

Where Is Nursing Heading in the Age of AI?
Leadership in Digital Health and AI-Enabled Care

Elizabeth Borycki University of Victoria, Canada

Day 1





Keynote Address



Where Is Nursing Heading in the Age of AI? Leadership in Digital Health and AI-Enabled Care

Elizabeth Borycki, PhD, RN, MN, HBScN

University of Victoria, Canada

Biography

Dr. Elizabeth Borycki RN PhD FCAHS FACMI FIAHSI is an internationally recognized leader in digital health, patient safety, and the safe use of artificial intelligence in healthcare, with a strong focus on improving frontline clinical practice. She is a Professor at the University of Victoria and Director of the Global Lab for Digital Health and AI Innovation. She is also the Editor-in-Chief of JMIR Nursing.

Dr. Borycki's research examines how health technologies—such as electronic health records, clinical decision support tools, and AI-enabled systems—affect patient care and clinician workflows. Her work is especially relevant to nursing, as she explores how digital systems influence care delivery, communication, workload, and patient safety outcomes at the bedside. She is widely known for advancing the safety research and for developing strategies to ensure technologies support—not hinder—the delivery of safe, high-quality, compassionate care.

Through her collaborations with healthcare organizations worldwide, Dr. Borycki works closely with clinicians, including nurses, to design and implement technologies that are usable, safe, and aligned with real-world practice. Her research highlights the critical role nurses play in identifying risks, shaping digital transformation, and leading innovation in patient-centered care.

A recipient of the Michael Smith Health Research BC Health Professional-Investigator Award, Dr. Borycki is an international speaker who brings practical insight into how nurses can lead and influence the safe integration of digital health and AI. Her presentations inspire nursing audiences to engage with technology as leaders, advocates, and essential partners in building safer health systems.

Dr. Borycki holds an Honours Bachelor of Science in Nursing from Lakehead University, a Master of Nursing from the University of Manitoba and a Doctorate Degree in Health Policy, Management and Evaluation from the University of Toronto. Over the course of her career, she has edited several books and published over 300 peer reviewed articles and publications. She is a Fellow of the Canadian Academy of Health Sciences, the American College of Medical Informatics and the International Academy of Health Sciences Informatics.

Abstract

Internationally nursing practice is being revolutionised by digital health technologies, artificial intelligence (AI) and robotics. These changes are moving at a rapid pace with nurses leading the way at the point of care: innovating, integrating and studying how these technologies are implemented by nurses to support patient care at the bedside and at home. This represents an important time in nursing as digital health technologies, AI tools and robotics need to be understood, developed and customized to support nurses' and patient care in hospital, long term care, home care and community settings.

Nurses have a significant leadership role in this area. Technologies are being developed, but need real-world implementations that are efficient, effective, safe and empathetic. Nurses need to identify opportunities for new digital health, AI and robotics tools in healthcare. Nurses need to lead and be part of this process from systems development to real-world testing and deployment in patient care settings where nurses work, develop and oversee care processes.

Over the past several decades significant contributions have been made by the nursing community towards the modernization and advancement of patient care in a thoughtful, safe and ethical way that also keeps caring and empathy in healthcare and nursing. As we introduce new and emerging technologies into healthcare, nurses will have an increasingly important role of ensuring the efficiency, effectiveness, usability and safety of rapidly emerging technologies. This will require a greater understanding of both the advantages and the potential challenges associated with the use of new technology. In addition, the impact of these technological advances needs to be considered in the context of nursing education, training and management. The competencies and skills needed by nurses is evolving as the technology becomes more ubiquitous and adopted in healthcare in regional systems.

In this presentation, the author provides an overview of key trends in the areas of digital health, AI and robotics that are shaping healthcare. The aim of this presentation is to forecast the future of nursing practice changes and their impacts on nursing and patient care. Consideration will be given to innovating in the context of emerging and new nurse technologies and their safe, usable, ethical and empathetic integration into nursing practice, shaping the future of nursing and patient care. Special attention will be given to considerations we need to undertake as a discipline when thinking about nursing education and practice from a nurse research, educator and management perspective as we continue to lead the way as nurses.

2026 INC

International Nursing Conference

Nursing Intelligence in the AI Era:
Strategic Empowerment of Research,
Education, and Practice

Plenary Session 1

Research

Moderator: Jun-Ah Song Korea University, Korea

October 19 (Monday), 2026 Room A+B
(Convention Center 4F)

Diversity, Equity, and Inclusion in Nursing AI Research

Yoshimi Fukuoka University of California, USA

Day 1



Plenary Session



Diversity, Equity, and Inclusion in Nursing AI Research

Yoshimi Fukuoka, PhD, RN, FAAN

University of California, USA

Biography

Yoshimi Fukuoka, PhD, RN, FAAN, is Professor in the Department of Physiological Nursing at the University of California, San Francisco (UCSF), and a core faculty member in the University of California Berkeley–UCSF Joint Program in Computational Precision Health. She is an internationally recognized nurse scientist whose research focuses on leveraging artificial intelligence (AI), digital health technologies, and behavioral science to prevent chronic diseases and reduce health disparities. Her pioneering work integrates conversational AI, natural language processing, machine learning, and mobile health interventions to improve cardiovascular health, diabetes prevention, and healthy aging among diverse and underserved populations.

Dr. Fukuoka has served as Principal Investigator or Multiple Principal Investigator on numerous federally funded clinical trials supported by the National Institutes of Health, the Agency for Healthcare Research and Quality, the National Science Foundation, the American Heart Association, and the Alzheimer's Association. She has authored more than 100 peer-reviewed publications and was among the first nurse scientists to incorporate AI methodologies into nursing research. Her interdisciplinary collaborations span nursing, computer science, engineering, communication, and medicine. Her current research focuses on advancing responsible and equitable AI-driven innovations that improve health outcomes while promoting diversity, equity, and inclusion in nursing research, education, and clinical practice.



Abstract

Artificial intelligence (AI) is rapidly transforming nursing research, education, and clinical practice by creating new opportunities to improve health outcomes, personalize interventions, and expand access to care. However, without deliberate attention to diversity, equity, and inclusion (DEI), AI technologies may unintentionally perpetuate or amplify existing health disparities. This presentation will examine the critical role of DEI throughout the AI research lifecycle from study design and participant recruitment to data collection, algorithm development, validation, implementation, and dissemination. Drawing on my interdisciplinary research in AI-enabled behavioral interventions, conversational agents, and digital health technologies, I will discuss practical strategies for developing equitable and trustworthy AI solutions that serve diverse populations. Finally, I will discuss the evolving role of nurse scientists in shaping the future of AI by leading interdisciplinary collaborations, educating the next generation of nurses, and advocating for ethical AI policies that promote health equity. By embedding DEI principles throughout the AI research process, nurses can play a pivotal role in ensuring that AI-driven innovations improve health outcomes for all populations rather than widening existing disparities.

2026 INC
International Nursing Conference

Nursing Intelligence in the AI Era:
Strategic Empowerment of Research,
Education, and Practice

Plenary Session 2

Education

Moderator: Hye-Ah Yeom The Catholic University of Korea, Korea

October 19 (Monday), 2026 Room A+B
(Convention Center 4F)

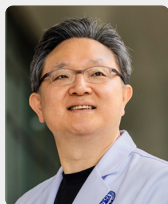
Preparing Next Generation of Healthcare Professionals for Era of AI
Shinki An Yonsei University, College of Medicine, Korea

Day 1





Plenary Session



Preparing Next Generation of Healthcare Professionals for Era of AI

Shinki An, MD, PhD, MDiv

Yonsei University, College of Medicine, Korea

Biography

Shinki An, MD, PhD, MDiv, is Professor and Chair of the Department of Medical Education at Yonsei University College of Medicine in Seoul, Korea, and Executive Director of the Yonsei Donggok Medical Education Institute. He also serves as Editor-in-Chief of the Korean Medical Education Review and Chair of the Institute for Global Engagement and Empowerment at Yonsei University.

Dr. An's career spans an unusual trajectory, from clinical cardiology and cardiac electrophysiology, through four years as a medical missionary directing a charity hospital in Uzbekistan, to a Master of Divinity at Gordon-Conwell Theological Seminary, and ultimately to a PhD in medical education. This path has shaped his conviction that health professions education must integrate scientific rigor with humanistic depth.

His current research focuses on the epistemological foundations of precision medical education, professional identity formation, and the intersection of narrative knowing and data-driven approaches in health professions education. He pioneered Korea's first criterion-referenced assessment system and has led international medical education development projects in Vietnam, Uzbekistan, and Bangladesh through KOICA partnerships.

Abstract

How will artificial intelligence (AI) change the work of healthcare professionals? Over the past ten years, two answers to this question have been heard again and again. The technology world has answered that machines will replace people. Geoffrey Hinton said in 2016 that we should stop training radiologists, and Elon Musk predicted in 2026 that robots would soon surpass the best surgeons. The medical world has answered that, in the time machines buy us, people become more human, as Eric Topol argued in *Deep Medicine* (2019). The two answers look like opposites, yet they stand on the same premises. Both assume that the nature of the knowledge medicine deals with stays the same, and the gaze of both rests inside the examination room. I think Topol is right, but that is not enough.

A person spends only a few visits a year, a few minutes each, inside the examination room. Through the rest of life, the time between clinical encounters, that person's body, illness, and recovery go on without rest. This paper therefore places one question at its center. When machines and people come to fill that time together, who must the next generation of healthcare professionals be in that place? The question asks not what they must be able to do but who they must be, and it belongs to all healthcare professionals. In one intensive care unit, a nurse was present for 86% of the time patients spent with health care workers, and a physician for 13%.

Health care is moving toward care that is predictive, personalized, preventive, and participatory, and from the hospital into homes and everyday life. Hospital at home has shown that even acute admission can move into the home. Professional boundaries are moving too, as the Korean Nursing Act that took effect in 2025 shows. The competencies required change with them, from reading test values at a single point in time to reading data that flow in without end.

That education must follow a changing health care is not a new claim. The Lancet Commission led by Julio Frenk made it in 2010, and speed alone would only repeat its diagnosis more urgently. What is changing is the form of knowing itself. Modern medicine rests on group comparison and presupposes an average patient. As multimodal data and AI come together, diseases once regarded as single break into subgroups, and the subdivision converges, in concept, toward $n=1$, toward one person. Data that converge to $n=1$ become a trajectory unfolding in time, that is, a story. In Jerome Bruner's terms, paradigmatic knowing crosses over into narrative knowing. A continuous glucose monitor does not report a single moment; it tells how one's body is living through its day. Push precision to the end, and it arrives at narrative. The work of the professional changes with it. Jones and colleagues argue that as AI approaches expert-level diagnosis, physicians should ground their professional identity not in skill at diagnosis but in management reasoning, weighing real-world trade-offs with a patient who may care more about independence than about longevity. Such work cannot be done without reading a person's story, and it is not entrusted to physicians alone.

Whose place, then, is the place of narrative? Medicine, too, once stood there. We still call a physician's first conversation with a patient taking the patient's history, and history and story come from the same root. As modern health care took on an increasingly biomedical character, with advancing diagnostic techniques, multiplying information, and growing patient loads, that



conversation narrowed into finding the chief complaint and solving the problem it presents. Yet medicine is still not all-powerful, and a person whose body does not fully recover can still experience healing. Eric Cassell called relieving suffering and curing disease twin obligations; they are not a choice between two. What the biomedical turn has missed, nursing has held on to more firmly by comparison, and has named it as knowing since Barbara Carper. The place of narrative is therefore a place where all healthcare professionals must stand together. Yet it is not kept on its own, for the same continuous data can become a person's story or a record of surveillance. It must be kept through education.

Is education keeping pace with this change? A recent scoping review of 241 studies found that generative AI in health professions education is used mostly to create materials and assessment items, while studies addressing curriculum design make up 2.7%. Students already ask AI to summarize their lectures and predict exam questions, and with this come the risks of deskilling, never-skilling, and mis-skilling. I must begin with my own school. Yonsei abolished grade point averages and class rankings in 2014, yet clinical clerkships still take place in the hospital, and students of medicine and nursing are formed separately. Schools still remain in the traditional paradigm. This is not an indictment aimed outward but a confession.

The faster health care changes, the further the gaps in access to care and in health professions education may widen. A serious counterargument holds that AI can narrow them. Gregory Kestin and colleagues found that an AI tutor built on sound pedagogy helped Harvard students learn more in less time. Yet what worked was the design built into the tool. When Bastani and colleagues gave close to a thousand high school students an AI tutor without such design, those students, once the AI was taken away, scored 17% lower than peers who had never used it. Design requires resources that are not evenly distributed. Technology is double-edged, and its potential is realized only with educational design and an educational alliance.

I propose three tasks and one condition. The first task is a form of knowing that reads data as one person's narrative, built on, not in place of, the ability to handle group evidence. Precision medical education can carry this task if it individualizes the path toward a shared expectation of competence, and not the expectation itself. The second task is a sequence that protects the fundamentals in the face of AI. Learners build foundational competence first, learn to weigh AI output critically next, and only then bring AI into practice under supervision. The third task is collaboration that fills the time between clinical encounters together, widening interprofessional education into hospital at home and the community, where patients and families, nurses, physicians, pharmacists, and machines form one team. The condition is an educational alliance across institutions, professions, and countries.

The five years Hinton spoke of have passed. In 2026 Demis Hassabis said that the future is not written. The future of the healthcare workforce is not a forecast we receive. It is a curriculum we write. I ask nursing and medical educators, students, and patients to write it together. Yet those who can build designed AI, open places for practice, and draw on resources in their own languages will write it first, and there the gap begins. Who can write that curriculum now?

2026INC

International Nursing Conference

Nursing Intelligence in the AI Era:
Strategic Empowerment of Research,
Education, and Practice

Concurrent Session 1

Career Development Session for Graduate Students

Moderator: Hyunjoo Na The Catholic University of Korea, Korea

October 19 (Monday), 2026

Room A
(Convention Center 4F)

From Graduate Student to Faculty:
Lessons from My Academic Journey

Jae Jun Lee Gachon University, Korea

From PhD Student to Nurse Researcher:
What I Learned in the Early Career Years

Jee-Hye Yoo CHA University, Korea

Career Pathway: Becoming a Nursing Researcher
Jiwon Oh Sungshin Women's University, Korea

Day 1





Concurrent Session



From Graduate Student to Faculty: Lessons from My Academic Journey

Jae Jun Lee

Gachon University, Korea

Biography

RESEARCH FUNDING

Mar. 2025–Feb. 2030 Development of an explainable AI-based frailty prediction model using healthcare big data and the Frailty assessment and individualized lifestyle Care application (FRAILTY-Care). National Research Foundation of Korea (NRF) grant funded by the Korea government (MSIT) (IRIS RS-2025-00515369). Total direct cost: KRW 500 million.

AWARD

1. Top nursing research award (2025). The 30th Nursing Division Academic Conference, Severance Hospital Division of Nursing · Yonsei University College of Nursing.
2. Best Poster Presentation Awards (2023). 2023 YINC, Yonsei University College of Nursing.
3. Best paper reward (2020). Department of Public Health, Graduate School of Yonsei University.
4. Excellent graduation (2020). Department of Public Health, Graduate School of Yonsei University.

SCHOLARSHIP

1. Graduate Student Research Scholarship (2023). Yonsei University College of Nursing.
2. Research Scholarship (2023). Health Fellowship Foundation.
3. Mi Ja Kim Global Leadership Research Fellowship (2023). Yonsei University College of Nursing.

Abstract

Transitioning from graduate student to faculty member requires more than completing a doctoral degree. It involves developing a competitive academic profile while identifying and effectively communicating one's strengths, experiences, and potential as an independent scholar and educator. This lecture will discuss key factors that contribute to faculty appointment and academic career development, organized into three domains: research, education, and professional experience.

In the research domain, the lecture will address the importance of publications, research funding, methodological expertise, and alignment between an applicant's research interests and the academic position. In education, it will discuss teaching experience, simulation-based education, innovative teaching strategies, and ways to demonstrate teaching competencies. Professional experience, including clinical practice, academic service, collaboration, and international experience, will also be considered as an important component of academic career development.

Drawing on my own journey from graduate student and clinical nurse to researcher and faculty member, I will share how these experiences contributed to my academic development. I will also reflect on the strengths and areas for development I encountered throughout this process and discuss how prospective faculty applicants can critically assess and effectively present their own academic profiles.



Concurrent Session



From PhD Student to Nurse Researcher: What I Learned in the Early Career Years

Jee-Hye Yoo

CHA University, Korea

Biography

Jee-Hye Yoo, PhD, RN is an Assistant Professor at the College of Nursing, CHA University, Republic of Korea. She began her career as a registered nurse in the rehabilitation unit at Yonsei University Health System, where she gained clinical experience in caring for patients with traumatic brain injuries. She earned her PhD in Nursing from Saint Louis University in the United States. Following her doctoral training, she completed postdoctoral research training at the Mo-Im Kim Nursing Research Institute at Yonsei University and subsequently served as research professor in the BK21 FOUR Project at Yonsei University School of Nursing. Her primary research interests are frailty in older adults and self-care among people with Parkinson's disease. Building on her clinical background in rehabilitation nursing, she is actively researching frailty and self-care in older adults and people living with Parkinson's disease.

Abstract

A research career does not always develop as expected or planned. Research interests can change, new opportunities can arise, and experiences that seem unrelated at first may later become useful. For early career researchers, these experiences help shape research interests and career direction.

Building a research pipeline is an important part of this process. Research questions can start from clinical experience, personal interests, or simple curiosity. They do not need to begin as large or fully developed research topics. It is also not necessary to focus on only one research area. Having several areas of interest can be helpful when new collaborators, data, methods, or funding opportunities become available.

Postdoctoral training and the BK21 FOUR Project provided opportunities to take in different research projects, learn various research methods, work with different researchers, gain teaching experience, and build international networks. These experiences helped me understand the value of learning different methods and taking on new experiences early in an academic career.

Time management, openness to collaboration, and preparation for new opportunities are also important in early career development. At the same time, physical and mental well-being are necessary for a long-term academic career. A research career is not built through one fixed path, but through continued learning, collaboration, experience, and preparation.



Concurrent Session



Career Pathway: Becoming a Nursing Researcher

Jiwon Oh

Sungshin Women's University, Korea

Biography

HONORS & AWARDS

2026	65 th Korean Society of Women Health Nursing Conference Abstract Award, Predictors of marital relationship in first-time mothers with high-risk pregnancy experiences 65th Korean Society of Women Health Nursing Conference, Seoul, South Korea
2019	22 nd EAFONS Conference Oral Presentation Award, The predictors of maternal depression in the antenatal period 22 nd East Asian Forum of Nursing Scholars (EAFONS) Conference, Singapore
2017	48 th Korean Society of Women Health Nursing Conference Abstract Award, A cross-sectional study of the antepartum depression among couples during pregnancy 48th Korean Society of Women Health Nursing Conference, Seoul, South Korea
2016-2018	Brain Korea21 Plus Scholarship Chungnam National University, Daejeon, South Korea
2014	2014 Virginia M. Ohlson Scholarship College of Nursing, University of Illinois at Chicago, Chicago, IL, USA
2013	The 2013 Academy of International Leadership Development Scholarship College of Nursing, University of Illinois at Chicago, Chicago, IL, USA

RESEARCH FUNDING

Sep 2021-Aug 2022	Principal Investigator, Development and Application of Virtual Navigation Program for Improving Psychosocial Outcomes of Infertile Women, National Research Foundation of Korea (NRF No. 2021R1A6A3A01086727)
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Abstract

This 20-minute talk will share one's personal experiences during the early transitional stages of becoming a nursing researcher. Particularly, the experiences will cover how the speaker's research interests developed, how a postdoctoral fellowship contributed to becoming a competent nursing researcher, and what setbacks and uncertainties had to be navigated during the early stages of a nursing faculty career. By sharing lessons learned during this early career stage, the talk aims to offer graduate students insight into how they might better prepare for their own research career pathway.

2026INC

International Nursing Conference

Nursing Intelligence in the AI Era:
Strategic Empowerment of Research,
Education, and Practice

Concurrent Session 9

Innovation & Entrepreneurship Session in Nursing

Moderator: Hyunjoo Na The Catholic University of Korea, Korea

October 19 (Monday), 2026

Room A
(Convention Center 4F)

Beyond the Paper: From Nurse Researcher to Nurse Entrepreneur

Yaelim Lee The Catholic University of Korea, Korea

Nursing and Caregiving Start-up : From Novice to Expert

Ji Young Lim Inha University, Korea

Day 1



Concurrent Session



Beyond the Paper: From Nurse Researcher to Nurse Entrepreneur

Yaelim Lee

The Catholic University of Korea, Korea

Biography

Dr. Yaelim Lee is an Associate Professor at the College of Nursing, The Catholic University of Korea. She received her PhD in Nursing from the University of Pennsylvania School of Nursing. Her academic work spans women's health, digital health, and technology-enabled nursing education. She serves as an Associate Editor of the Journal of Korean Academy of Nursing (JKAN) and as a member of the Academic Affairs Committee of the Korean Society of Women Health Nursing. She is also the founder and CEO of ReadyNest Co., Ltd., a startup developing AI-based nursing education programs and digital health solutions for women's health. Her work focuses on translating nursing research into practical applications in education and health care.



Abstract

Nursing interventions are often discontinued when the research project's funding period ends. Motivated by this experience, the presenter—a nurse researcher in women's health and nursing education—describes her transition into a faculty entrepreneur, leading to the development of an AI-supported electronic nursing record and clinical reasoning simulation platform (ReadyENR, ReadySim). Using Sarasvathy's (2001) theory of effectuation, this presentation examines five guiding principles—starting from existing resources, limiting risk to a manageable scale, building through committed partnerships, turning unexpected events into opportunities, and shaping outcomes through action rather than prediction—that guided decision-making under uncertainty. Practical challenges are also discussed, including securing funding, identifying and accessing institutional resources and support, and balancing academic and entrepreneurial roles. It concludes by considering how nurse researchers, given their closeness to clinical and educational problems, may extend their scholarship beyond publication into practice.

Concurrent Session



Nursing and Caregiving Start-up : From Novice to Expert

Ji Young Lim, PhD, RN

Inha University, Korea

Biography

Current Position

Professor, School of Nursing, Inha University

Education

Ph.D. in Nursing, [Korea University]

M.S. in Nursing, [Korea University]

B.S. in Nursing, [Korea University]

MBA, [Korea University]

Professional Experience & Academic Activities

Professor, School of Nursing , Inha University (Present)

President, Korean Academy of Nursing Administration

Director, Jemulpo-gu Specialized Day Care Center for Elderly with Dementia, Incheon Metropolitan City

Director, Incheon Support Center for Cardiovascular and Cerebrovascular Disease Prevention and Management

Fields of Expertise / Research Interests

Nursing Management & Healthcare Administration

Nursing Start-Up & Business Administration



Abstract

Background

Community-based integrated care is expanding the role of nurses from hospital-based care to health, welfare, and long-term care in the community. Older adults in nursing homes often have complex needs, including dementia, chronic disease, swallowing problems, pressure injuries, tube or oxygen care, falls, communication difficulties, and behavioral symptoms. These needs create an important space for nurses to develop new care models and start-up activities.

Purpose

This presentation explores nursing and caregiving start-up as a pathway for nurses to expand professional autonomy, independent practice, and leadership. It focuses on nursing-home start-up and asks how nurses can maintain professional nursing values while creating sustainable services.

Key Issues

Nurses can serve as a bridge between health and social care by providing direct care, individualized health promotion and disease prevention, decision-making support, and holistic support. Nursing case management can connect health systems with community services and help older adults receive continuous, person-centered care. Clinical experience is also a strong foundation for designing services around the real needs of older adults and families.

From Novice to Expert

Nursing start-up requires more than clinical expertise. Nurses need leadership, business thinking, financial management, service design, communication, and the ability to understand legal and organizational requirements. A practical development process can move from learning and field experience, to supervised start-up practice, and finally to independent operation and continuous improvement. The presentation proposes expanded field internships through partnerships with nursing homes and a web-based simulation and open network to support start-up learning.

Conclusion

Nursing and caregiving start-up can extend nursing beyond traditional roles and strengthen nurses' autonomy and contribution to community care. Education should therefore connect nursing knowledge with leadership, entrepreneurship, and practical experience. Developing nurses from novice learners to expert care leaders may support person-centered, community-based care for an aging society.

Keywords

nursing start-up; nursing entrepreneurship; nursing home; community-based care; integrated care; nursing leadership; older adults

Funding statement: This work was supported by the National Research Foundation of Korea (NRF) grant funded by the Korea government (MSIT) (No. RS-2023-00277435)

2026 INC

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Scientific Program

October 20 (Tuesday), 2026

Day 2



Scientific Program (Day 2)

Time	Program
Convention Center 4F (Room A+B)	
09:30–10:30	Keynote Address 2 Convention Center 4F (Room A+B) Moderator Heeseung Choi Seoul National University, Korea
	Advancing Nursing in the Age of AI: From Data to Knowledge, Toward Sustainable Impact Connie Delaney University of Minnesota, USA
10:30–10:50	Break & Poster Walk
10:50–12:30	Concurrent Session 17 Convention Center 4F (Room A) Research Capacity Building Session for Early-Career Researchers Moderator Jooyoung Cheon Sungshin Women’s University, Korea
10:50–11:15	Big Data Are Not Research-Ready: Integrating Clinical Context and AI for Actionable Evidence Hyo Jung Kim The Catholic University of Korea, Korea
11:15–11:40	Predictive Modeling With Healthcare Big Data: Approaches and Applications Jinkyung Park Chonnam National University, Korea
11:40–12:05	From Inception to Impact: Building a Program of Research on Sleep Health in Type 2 Diabetes Bomin Jeon Seoul National University, Korea
12:05–12:30	From Idea to Research Plan: Developing an AI-Integrated Neonatal and Pediatric Patient Safety Education Program Hyeran Park Catholic Kwandong University, Korea
12:30–14:00	Lunch & Poster Walk



Time	Program	
14:00-15:00	Plenary Session 3: Research	Convention Center 4F (Room A+B)
	Moderator Jiyeon Lee Yonsei University, Korea	
	Use of AI for Evidence Based Practice: Systematic Review	
	Zachary Munn University of Adelaide, Australia	
15:00-15:20	Break & Poster Walk	
15:20-16:20	Plenary Session 4: Practice	Convention Center 4F (Room A+B)
	Moderator Heesook Son Chung-Ang University, Korea	
	AI and Decision Making: Clinical Implication	
	Hyeoneui Kim Seoul National University, Korea	
16:20-16:40	Closing Ceremony	

Convention Center 4F (Room B)

10:50-11:40	Concurrent Session 18	Convention Center 4F (Room B)
	Acute & Critical Care	
	Care Systems and Support in Critical and Emergency Care	
	Moderator Sun Ju Chang Seoul National University, Korea	
CS18-0001	Caregivers' Sepsis Recognition as a Predictive Factor for Clinical Deterioration Among Older Adults With Sepsis in the Emergency Department <u>Praewa Kaewngern</u> , Rotsukon Varitsakul Adult and Gerontological Nursing, Srisavarindhira Thai Red Cross Institute of Nursing, Bangkok, Thailand	
CS18-0002	Effects of Emergency Advanced Practice Nurse-Led Patient Flow Management on ICU Admission Rate and Unplanned Ward-to-ICU Transfer in Critically Ill Emergency Patients: A Before-After Comparative Study <u>Nayoung Kim</u> ¹ , Jeounghee Kim ² , Jisun Shin ¹ , Jeongran Kook ¹ , Eunkyung Choi ¹ , Jeongeun Ahn ¹ ¹ Department of Clinical Nursing, Asan Medical Center, Seoul, Republic of Korea, ² Department of Clinical Nursing, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Republic of Korea	

Scientific Program (Day 2)

Time	Program
CS18-0003	Methods for Assessing Healthcare Providers' Knowledge of Post-Intensive Care Syndrome (PICS): A Scoping Review <u>Chaewon Ko</u> ¹ , Jiyoung Jang ¹ , Jiyeon Choi ² ¹ Department of Nursing, Graduate School, Yonsei University, Korea, ² College of Nursing, Yonsei University, Korea
CS18-0004	Effects of Person-Centered Care-Based Telephone Intervention for Families of Patients in a Neurosurgical Intensive Care Unit: A Non-Equivalent Control Group Non-Synchronized Pretest–Posttest Study <u>Jin-Gyeong Mun</u> ¹ , <u>Soo-Young Yu</u> ² ¹ Research Institute of Nursing Science, Chonnam National University, ² College of Nursing, Chonnam National University
11:40–12:20	Concurrent Session 25 Convention Center 4F (Room B) Acute & Critical Care Clinical Management and Innovation in Critical Care Moderator Sun Ju Chang Seoul National University, Korea
CS25-0001	Knowledge, Attitudes, and Practices Regarding Enteral Nutrition Interruption Management in Intensive Care Units: A Multicenter Cross-Sectional Study Predominantly Among Nurses <u>Quanquan He</u> ¹ , Haolin Dou ¹ , Haosen Pan ¹ , Ankai Chen ¹ , Yue Zhang ¹ , Yan Fu ¹ , Liping Ren ¹ , Maoyun Miao ¹ , Lirong Yu ¹ , Huijie Zhang ¹ , Weiwei Ni ² , Yulei Ma ² , Sukhee Ahn ³ ¹ School of Nursing, Shandong Second Medical University, China, ² Nursing Department, Affiliated Hospital of Shandong Second Medical University, China, ³ College of Nursing, Chungnam National University, Korea
CS25-0002	Risk Factors for Pressure Injury in Mechanically Ventilated Patients in Emergency Intensive Care Units <u>Sun Woo Son</u> ¹ , Mi Yu ² ¹ Nursing Support Team, Gyeongsang National University Hospital, Jinju, Republic of Korea, ² College of Nursing, Sustainable Health Research Institute, Gyeongsang National University, Jinju, Republic of Korea



Time	Program
CS25-0003	Design and Clinical Evaluation of an ICU-Oriented Eye-Tracking Communication System for Mechanically Ventilated Patients: A Prospective Quasi-Experimental Controlled Study <u>Ming Yuan</u> , Dawei Dong, Bo Feng, Chenguang Zhai, Xin Dai, Dongmei Dai, Zuyin Yan, Xuling Xiong Nanjing Drum Tower Hospital, Affiliated Hospital of Medical School, Nanjing University

Convention Center 3F (Room C)

10:50-11:40	Concurrent Session 19 Child & Women's Health Child and Adolescent Health Promotion Moderator <u>YeoJin IM</u> Kyung Hee University, Korea	Convention Center 3F (Room C)
CS19-0001	Transitional Self-Management in Adolescents with Congenital Heart Disease: A Situation-Specific Theory <u>Yealim Jung</u> ¹ , Hyejung Lee ² ¹ College of Nursing, Graduate School, Yonsei University, ² College of Nursing, Yonsei University, Mo-Im Kim Nursing Research Institute, Seoul, South Korea	
CS19-0002	Family and Neighborhood Environments Predict Transitions in Adolescent Obesity-Related Behavior: A Latent Transition Analysis <u>Urim Kim</u> ^{1,2} , Ju Young Yoon ¹ ¹ College of Nursing, Seoul National University, Korea or Republic of Korea ² Seoul Metropolitan Office of Education, Korea	
CS19-0003	School-Based Nutrition and Children's Kinesthetics (SNACK) Program Among School-Age Children in the Philippines <u>Cresencia Santos</u> ¹ , Jean Claud Nicdao ¹ , Mary Anne Aguilar ¹ , Chrizza Bonifacio ¹ , Ryan James Cruz ¹ , Joan Katrine De Jesus ¹ , Julianna Louise Guese ¹ , Adriel Hojilla ¹ , Rosella Sanidad ¹ ¹ Centro Escolar University, Malolos City, Philippines	

Scientific Program (Day 2)

Time	Program
11:40-12:20	Concurrent Session 26 Child & Women's Health Family and Developmental Care in Children Moderator Yeojin IM Kyung Hee University, Korea Convention Center 3F (Room C)
CS26-0001	Caregiver Responsiveness to Distress Moderates the Association Between Toddlers' Potent Disengagement Cues and Developmental Outcomes: Evidence From a Nurse Home-Visiting Study in Korea <u>Joo Hyun Kim</u> ¹ , Young-Ho Khang ^{1,2} ¹ Institute of Health Policy and Management, Seoul National University Medical Research Center, Seoul, Korea, ² Department of Health Policy and Management, Seoul National University College of Medicine, Seoul, Korea
CS26-0002	Family Normalization in Families of School-Age Children With Autism Spectrum Disorder: An Evolutionary Concept Analysis Using Rodgers' Approach <u>Yi Chuan Hsieh</u> ¹ , Chi Wen Chen ² , Yiing-Mei Liou ³ College of Nursing, National Yang Ming Chiao Tung University, Taipei, Taiwan
CS26-0003	Family Dynamics, Self-Differentiation, and Resilience Among Adolescents and Young Adults With Chronic Skin Diseases <u>Youngji Moon</u> ^{1,2} , Sunhee Lee ² ¹ Seojeong University, Korea, ² The Catholic University of Korea, Korea



Time	Program
Convention Center 3F (Room D)	
10:50-11:40	Concurrent Session 20 Child & Women's Health Women's Health Across the Life Course Moderator Sihyun Park Chung-Ang University, Korea
CS20-0001	Effectiveness of the Gestational Diabetes Mellitus Self-Care Education Module (GDM-ScEM) in Improving Fasting Self-Monitored Blood Glucose Outcomes Among Women With GDM <u>Zarina Haron</u> ¹ , Rosnah Sutan ² , Roshaya Zakaria ³ , Zaleha Abdullah Mahdy ⁴ , Salimah Japar ¹ ¹ Department of Nursing, Faculty of Medicine and Health Science, Universiti Putra Malaysia, Malaysia, ² Department Community Health, Faculty of Medicine, Universiti Kebangsaan Malaysia, Jalan Yaakob Latif, Bandar Tun Razak, Malaysia, ³ Departments of Nursing, Faculty of Medicine, Universiti Kebangsaan Malaysia, Jalan Yaakob Latif, Bandar Tun Razak, Malaysia, ⁴ Department of Obstetrics & Gynaecology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Jalan Yaakob Latif, Bandar Tun Razak, Malaysia
CS20-0002	A Concept Analysis of Parent-Infant Bonding in the Context of Early Postpartum Return to Work Among Taiwanese Women <u>Chi-Wei Lin</u> ^{1,2} Chi-Wen Chen ² ¹ College of Nursing, Asia University, Taichung, Taiwan, ² College of Nursing, National Yang Ming Chiao Tung University, Taipei, Taiwan
CS20-0003	Comparison of Lifestyle Habits, Metabolic Indicators and Healthy Aging Status According to Sarcopenia in Older Women <u>Yuna Jang</u> ¹ , <u>Nah-Mee Shin</u> ² ¹ KAIST Clinic Pappalardo Center, Daejeon, Korea, ² Korea University College of Nursing, Seoul, Korea
CS20-0004	Comparison of Obesity, Metabolic Syndrome, and Osteoporosis Risk According to Childbirth at Advanced Maternal Age Among Middle-Aged Women <u>Sang-Ah Lee</u> ¹ , <u>Nah-Mee Shin</u> ¹ , <u>Ok-Kyoung Park</u> ² ¹ Korea University, Korea, ² Suwon Women's University, Korea

Scientific Program (Day 2)

Time	Program
11:40-12:20	Concurrent Session 27 Convention Center 3F (Room D) Child & Women's Health Health and Quality of Life in Populations with Special Health Needs Moderator Sihyun Park Chung-Ang University, Korea
CS27-0001	Behavioral Symptom Clusters and Patient Safety in Children With Developmental Disabilities: A Network Analysis <u>Heejung Choi</u> ¹ , Jeongeun Song ² ¹ Department of Nursing, Semyung University, Seoul, Republic of Korea, ² College of Nursing, Korea University, Seoul, Republic of Korea
CS27-0002	Baseline Metabolites Associated With Response to Acupuncture in Breast Cancer Survivors <u>Hannah Choi</u> ¹ , Chang Gi Park ¹ , Canhua Xiao ² , Judith M. Schlaeger ¹ , Ardith Z. Doorenbos ^{1,3} , Hongjin Li ^{1,3} ¹ University of Illinois Chicago, College of Nursing, USA, ² Emory University, Nell Hodgson Woodruff School of Nursing, USA, ³ University of Illinois Cancer Center, USA
CS27-0003	Self-Reported Measures of Quality of Life in Adolescents and Young Adults With Intellectual Disabilities: A Scoping Review <u>Yu Jin Kam</u> ¹ , Hind AlQadi ² , Gayeong Kim ³ , Eun Kyoung Choi ^{4,5} ¹ College of Nursing and Brain Korea 21 FOUR Project, Yonsei University, Seoul, South Korea, ² Department of Nursing, Yonsei University Graduate School, Seoul, South Korea, ³ College of Nursing, Yonsei University, Seoul, South Korea, ⁴ College of Nursing and Mo-Im Kim Nursing Research Institute, Yonsei University, Seoul, South Korea, ⁵ Yonsei Evidence Based Nursing Centre of Korea: A JBI Affiliated Group, Seoul, South Korea



Time	Program
Convention Center 3F (Room E)	
10:50-11:40	<p>Concurrent Session 21 Convention Center 3F (Room E)</p> <p>Community Health</p> <p>Healthy Aging and Psychosocial Well-Being</p> <p>Moderator SangA Lee The Catholic University of Korea, Korea</p>
CS21-0001	<p>Active Aging Profiles Mediate the Effect of Social Support on Subjective Well-Being Among Community-Dwelling Older Adults: A Latent Profile Mediation Analysis</p> <p><u>Haosen Pan</u>¹, Ankai Chen¹, Quanguan He¹, Jiani Qian¹, Lirong Yu¹, Huijie Zhang¹, Liping Ren¹, Sukhee Ahn², Maoyun Miao¹</p> <p>¹College of Nursing, Shandong Second Medical University, China, ²College of Nursing, Chungnam National University, Korea</p>
CS21-0002	<p>Pathways Linking Social Support to Quality of Life in Pre-Frail Older Adults: The Mediating Roles of Loneliness, Psychological Distress, and Frailty</p> <p><u>Jiye Min</u>^{1,2}, Yura Shin^{1,2}, Songwhi Noh^{1,2}, Jina Choo^{1,2}</p> <p>¹College of Nursing, Korea University, Seoul, South Korea, ²Transdisciplinary Major in Learning Health Systems, Graduate School, Korea University, Seoul, South Korea</p>
CS21-0003	<p>Resilience and Social Support in the Link Between Cognitive Concern and Physical Quality of Life Among Older Adults</p> <p><u>Eunna Oh</u>¹, Jisu Seo¹, Seohye Jung¹, Rhayun Song¹</p> <p>¹College of Nursing, Chungnam National University, Republic of Korea</p>
CS21-0004	<p>Filial Piety Expectations, Intergenerational Support, and Active Aging Among Community-Dwelling Older Adults: A Latent Profile and Mediation Analysis</p> <p><u>Yan Fu</u>¹, Yue Zhang¹, HaoSen Pan¹, AnKai Chen¹, HaoLin Dou¹, XiaoMei Wang¹, QuanQuan He¹, JiaNin Qian¹, MaoYun Miao¹, LiPing Ren¹, LiRong Yu¹</p> <p>¹Shandong Second Medical University, China</p>

Scientific Program (Day 2)

Time	Program
11:40-12:20	<div>Concurrent Session 28</div> <div>Convention Center 3F (Room E)</div> <div>Community Health</div> <div>Community Support and Caregiving</div> <div>Moderator SangA Lee The Catholic University of Korea, Korea</div>
CS28-0001	<div>Relationship Between Caregiving Competence and Family Function in Brain Tumor Caregivers</div> <div>Lu Hsiang-Hua^{1,2}</div> <div>¹National Taiwan University Hospital, Emergency Department, Taiwan Taipei, ²Ph.D. candidate, National Taipei University of Nursing and Health Sciences, Taiwan Taipei</div>
CS28-0002	<div>Volunteer Leadership Models in Physical Health Interventions for Community-Dwelling Older Adults: A Scoping Review</div> <div>Hiu Wa Lau¹, Ka-yin Yau¹, Jasmine Cheung¹, Lorna Suen¹</div> <div>Tung Wah College, Hong Kong SAR, China</div>
CS28-0003	<div>Characteristics of Volunteers in a Time Banking System Supporting Older Adults: A Qualitative Study</div> <div>Bualun Hinkaew¹, Noppawan Boonbumrong¹, Rachan Klomgleang², Chidchai Hachawi³</div> <div>¹Department of Adult and Gerontological Nursing, School of Nursing, Srisavarindhira Thai Red Cross Institute of Nursing, Thailand, ²Sports Communication Program, Faculty of Liberal Arts, Thailand National Sports University, Bangkok Campus, Thailand, ³Public Health Program, Faculty of Science and Technology, Bansomdejchaopraya Rajabhat University, Thailand</div>



Time	Program
Hotel 2F (Room F)	
10:50-11:40	<p>Concurrent Session 22 Hotel 2F (Room F)</p> <p>Digital Health</p> <p>Digital Health and Robotics in Older Adult Care</p> <p>Moderator Jung Eun Shin Yonsei University Wonju College of Nursing, Korea</p>
CS22-0001	<p>Effects of a Repositioning Care Robot on Pressure Injury Incidence and Physical Care Burden Among Caregivers in Long-Term Care Settings</p> <p><u>So-Seul Park</u>¹, Lijun Yang¹, Sang-Hee Jeong¹, Mi-Young Kim¹, Hye-Young Jang¹, Yong-Soon Shin¹</p> <p>¹College of Nursing, Hanyang University / Research Institute of Nursing Science, Hanyang University</p>
CS22-0002	<p>Interactive Digital Health Interventions for the Psychosocial Well-Being of People Living With Dementia: A Scoping Review</p> <p><u>Jiyoung Kim</u>^{1,2}, Harim Lee^{1,2}, Eunhee Cho¹</p> <p>¹Mo-Im Kim Nursing Research Institute, College of Nursing, Yonsei University, Seoul, South Korea, ²College of Nursing and Brain Korea 21 FOUR Project, Yonsei University, Seoul, South Korea</p>
CS22-0003	<p>Effects of a Communication Care Robot in Older Adult Care: A Randomised Crossover Trial</p> <p><u>Sanghee Jung</u>¹, Soseul Park¹, Lijun Yang¹, Miyoun Kim¹, Hyeyoung Jang¹, Yongsoon Shin¹</p> <p>¹Hanyang University College of Nursing, Seoul, Korea</p>

Scientific Program (Day 2)

Time	Program
CS22-0004	<p>Robot-Mediated Interactive Intervention for Loneliness in Older Adults Living at Home: A Mixed-Methods Preliminary Efficacy Study <u>Ivy Yan ZHAO</u>^{1,2,3}, Angela Y.M. LEUNG^{1,2,3}, John Wai-man YUEN¹, Yan LI¹, Ka Shing FUNG⁴, James LUK⁵, Yongping ZHENG^{3,6}, Jed MONTAYRE¹, Alex MOLASSIOTIS^{1,7}</p> <p>¹School of Nursing, The Hong Kong Polytechnic University, Hong Kong, China, ²WHO Collaborating Centre for Community Health Services, School of Nursing, The Hong Kong Polytechnic University, Hong Kong, China, ³Research Institute for Smart Ageing (RISA), The Hong Kong Polytechnic University, Hong Kong, China, ⁴Social Service, Evangelical Lutheran Church, Hong Kong, China, ⁵Department of Medicine, Queen Mary Hospital, Hong Kong, China, ⁶Department of Biomedical Engineering, The Hong Kong Polytechnic University, Hong Kong, China</p>
11:40-12:20	<p>Concurrent Session 29 Hotel 2F (Room F) Digital Health Emerging Technologies in Nursing and Healthcare Moderator Jung Eun Shin Yonsei University Wonju College of Nursing, Korea</p>
CS29-0001	<p>Translation, Cultural Adaptation, and Psychometric Validation of the Artificial Intelligence Literacy Scale for Korean Clinical Nurses <u>Yun Hee Oh</u>¹, Mi Young Kim²</p> <p>¹Doctoral Student, College of Nursing, Hanyang University, Seoul, Republic of Korea, ²Professor, College of Nursing, Hanyang University, Seoul, Republic of Korea</p>
CS29-0002	<p>Preserving Person-Centred Fundamental Care in Human-AI Collaboration : A Scoping Review <u>Suk-Sun Kim</u>¹, Yeonjoo Son¹, <u>Daeun Kim</u>¹, Boyoung Kim¹</p> <p>¹College of Nursing, Ewha Womans University, Seoul, South Korea</p>
CS29-0003	<p>Development and Preliminary Evaluation of a Multi-User Virtual Reality-Based Interprofessional Education Program <u>Chae Shinhye</u>¹, Shon Soonyoung²</p> <p>¹Keimyung University Dongsan Hospital, Daegu, Korea, ²College of Nursing, Keimyung University, Daegu, Korea</p>



Time	Program
Hotel 2F (Room G)	
10:50-11:40	<p>Concurrent Session 23 Hotel 2F (Room G)</p> <p>Long-term & Palliative Care</p> <p>Self-Care and Chronic Illness Management</p> <p>Moderator Yaelim Lee The Catholic University of Korea, Korea</p>
CS23-0001	<p>Factors Predicting Health-Related Quality of Life among Older Breast Cancer Survivors</p> <p><u>Palita Phaosing</u>¹, Johnphajong Phengjard²</p> <p>¹Master of Nursing Science Student (Adult and Gerontological Nursing), Department of Srisavarindhira Thai Red Cross Institute of Nursing, Thailand, ²Associate Professor, RN, Ph.D., Department of Adult and Gerontological Nursing, Srisavarindhira Thai Red Cross Institute of Nursing, Bangkok, Thailand</p>
CS23-0002	<p>Reliability and Validity of the Korean Version of the Self-Care of Chronic Illness Inventory v4.c</p> <p><u>Jiyoung Choi</u>¹, JuHee Lee², <u>Kiyeon Kim</u>³, Deokhyun Lee³, Jin Young Seo⁴, Naim Kyung¹</p> <p>¹College of Nursing, Yonsei University, South Korea, ²Mo-Im Kim Nursing Research Institute, Yonsei Evidence Based Nursing Centre of Korea: A JBI Affiliated Group, College of Nursing, Yonsei University, South Korea, ³College of Nursing and Brain Korea 21 FOUR Project, Yonsei University, South Korea, ⁴School of Nursing, Hunter College, City University of New York, United States</p>
CS23-0003	<p>Mutuality as a Mediator Linking Self-Care to Non-Motor Symptom Burden in Parkinson's Disease: A Conditional Process Analysis</p> <p><u>Seung Hee Lee</u>¹, Kiyeon Kim¹, Deokhyun Lee¹, Junkyeong Kim², JuHee Lee³</p> <p>¹College of Nursing and Brain Korea 21 FOUR Project, Yonsei University, Republic of Korea, ²College of Nursing, Yonsei University, Republic of Korea, ³College of Nursing and Mo-Im Kim Nursing Research Institute, Yonsei University, Republic of Korea</p>

Scientific Program (Day 2)

Time	Program
CS23-0004	<p>Effectiveness of a Nurse-Led Self-Management Support Program in Older Adults With Hypertension on Stroke Prevention Behaviors and Blood Pressure Levels</p> <p><u>Kowit Sripanlom</u>¹, Johnphajong Phengjard¹</p> <p>¹Srisavarindhira Thai Red Cross Institute of Nursing, Bangkok, Thailand</p>
11:40-12:20	<p>Concurrent Session 30 Hotel 2F (Room G)</p> <p>Long-term & Palliative Care</p> <p>Cancer Caregiving and End-of-Life Care</p> <p>Moderator Yaelim Lee The Catholic University of Korea, Korea</p>
CS30-0001	<p>Caregiving Experiences of Young Adult Carers of Family Members With Cancer or Severe Chronic Illness: A Qualitative Content Analysis</p> <p>Jihyun Kim¹, <u>Ka Ryeong Bae</u>²</p> <p>¹Department of Nursing, Gwangju University, Gwangju, Republic of Korea, ²College of nursing, Eulji University, Seongnam, Republic of Korea</p>
CS30-0002	<p>Health Outcomes Among Parents of Childhood Cancer Survivors After Treatment Completion: An Integrative Review</p> <p>Kyung-Sook Bang^{1,2,3}, Da-Jeong Kum², <u>Yeongseon Kim</u>^{1,4}, Yijin Lee^{1,3}</p> <p>¹College of Nursing, Seoul National University, Korea, ²The Research Institute of Nursing Science, College of Nursing, Seoul National University, Korea, ³Center for World-leading Human-care Nurse Leaders for the Future by Brain Korea 21 (BK 21) Four Project, College of Nursing, Seoul National University, Korea, ⁴Seoul National University Hospital, Korea</p>
CS30-0003	<p>End-of-Life Healthcare Utilization among Cancer Decedents: Associations With Use of the Life-Sustaining Treatment Decision System and Decision Maker Type</p> <p>Soong-Nang Jang¹, <u>Hee-Ju Ji</u>^{1,2}</p> <p>¹Red Cross College of Nursing, Chung-Ang University, South Korea, ²Patient-Centered Clinical Research Coordinating Center, National Evidence-Based Healthcare Collaborating Agency, South Korea</p>



Time	Program
Hotel 2F (Room H)	
10:50-11:40	<p>Concurrent Session 24 Hotel 2F (Room H)</p> <p>Mental Health</p> <p>Innovative Interventions in Mental Health and Neurobehavioral Care</p> <p>Moderator Soyoung Shin Sungshin Women's University, Korea</p>
CS24-0001	<p>Empowering Community Mental Health in the AI Era: Findings from a 3-Arm Randomized Controlled Trial (RC) on Forest Bathing Among Middle-aged Adults and VR-XR Nursing Intelligence</p> <p><u>Katherine Ka-yin Yau</u>¹, Frankie Tsz-Kin Chan², Bronya Hi-Kwan Luk³, Alice Yuen Loke²</p> <p>¹Tung Wah College, Hong Kong SAR, China, ²The Hong Kong Polytechnic University, Hong Kong SAR, ³Hong Kong Metropolitan University, Hong Kong SAR, China</p>
CS24-0002	<p>Associations Between Brain Network Connectivity and Cognitive Measures in ASD: A Post Hoc Analysis of Parent Study -Evaluating the Safety and Efficacy of Transcranial Pulse Stimulation on Autism Spectrum Disorder</p> <p>Chun Liang Hsu^{1,2}, Eva Matt³, Tommy Kwan Hin Fong⁴, Joyce Yuen Ting Lam², Bolton Chau^{1,2}, Calvin Pak Wing Cheng⁵, Roland Beisteiner³, <u>Teris Cheung</u>^{2,4}</p> <p>¹Department of Rehabilitation Sciences, The Hong Kong Polytechnic University, Hong Kong, SAR, China, ²The Mental Health Research Centre, The Hong Kong Polytechnic University, Hong Kong, SAR, China, ³Department of Neurology, Medical University of Vienna, Wien, Austria, ⁴School of Nursing, The Hong Kong Polytechnic University, Hong Kong, SAR, China, ⁵Department of Psychiatry, The University of Hong Kong, Hong Kong, SAR, China</p>

Scientific Program (Day 2)

Time	Program
CS24-0003	<p>Effects of Transcranial Pulse Stimulation on Autism Spectrum Disorder: A Double-Blind, Randomized, Sham-Controlled Trial</p> <p><u>Tommy Kwan Hin Fong</u>, Teris Cheung¹, Tim Man Ho Li², Yuen Ting Joyce Lam¹, Kwan Hin Fong¹, Lok Yi Chiu¹, Yuen Shan Ho¹, Andy Choi Yeung Tse³, Cheng Ta Li⁴, Calvin Pak Wing Cheng⁵, Roland Beisteiner⁶</p> <p>¹The Hong Kong Polytechnic University, Hong Kong SAR, China, ²The Chinese University of Hong Kong, Hong Kong SAR, China, ³The Education University of Hong Kong, Hong Kong SAR, China, ⁴National Yang Ming Chiao Tung University, Taiwan, ⁵The University of Hong Kong, Hong Kong SAR, China, ⁶Medical University of Vienna, Austria</p>
CS24-0004	<p>Developing a Music-Integrated Rehabilitative Nursing Model for People With Chronic Schizophrenia</p> <p><u>Tien-Hui Luo</u>^{1,2}, Wen-I Liu³</p> <p>¹Department of Nursing, MacKay Junior College of Medicine, Nursing and Management, Taiwan, ²School of Nursing, National Taipei University of Nursing and Health Sciences, Taiwan, ³School of Nursing, National Taipei University of Nursing and Health Sciences, Taiwan</p>
11:40-12:20	<p>Concurrent Session 31 Hotel 2F (Room H)</p> <p>Mental Health</p> <p>Mental Health of Nurses and Nursing Students</p> <p>Moderator Soyoung Shin Sungshin Women's University, Korea</p>
CS31-0001	<p>Protocol of the Korean Nurses' Mental Health Study (KNMHS): A Nationwide Prospective Cohort Study</p> <p>Hannah Kim¹, Ujin Lee², Youngeun Park^{1,3}, Jihyun Lee^{1,4}, Heeseung Choi^{1,5}</p> <p>¹College of Nursing, Seoul National University, Seoul, Republic of Korea, ²College of Nursing, Daegu Catholic University, Daegu, Republic of Korea, ³Center for World-leading Human-Caring Nurse Leaders for the Future by Brain Korea 21 (BK21) Four Project, Seoul National University, Seoul, Republic of Korea, ⁴Seoul National University Bundang Hospital, Seongnam, Republic of Korea, ⁵Research Institute of Nursing Science, Seoul National University, Seoul, Republic of Korea</p>



Time	Program
CS31-0002	<p>Childhood Trauma, Health Literacy, Loneliness and Psychological Distress Among University Students: A Latent Profile and Moderated Mediation Analyses</p> <p><u>Haosen Pan</u>, Xiaoyu Feng¹, Nuo Liu¹, Maoyun Miao¹, Lirong Yu¹, Huijie Zhang¹, Liping Ren¹, Hui Xu²</p> <p>¹School of Nursing, Shandong Second Medical University, China, ²Weifang People's Hospital, China</p>
CS31-0003	<p>Symptom Propagation and Intervention Targets in the Depression–Anxiety Symptom Network Among Nursing Students: A Simulation-Based Network Study</p> <p><u>Ankai Chen</u>, Xiaoyu Feng¹, Nuo Liu¹, Maoyun Miao¹, Lirong Yu¹, Huijie Zhang¹, Liping Ren¹, Hui Xu²</p> <p>¹School of Nursing, Shandong Second Medical University, China, ²Weifang People's Hospital, China</p>

Keynote Address 2

Moderator: Heeseung Choi Seoul National University, Korea

October 20 (Tuesday), 2026

Room A+B
(Convention Center 4F)

Advancing Nursing in the Age of AI:
From Data to Knowledge, Toward Sustainable Impact

Connie Delaney University of Minnesota, USA

Day 2





Keynote Address



Advancing Nursing in the Age of AI: From Data to Knowledge, Toward Sustainable Impact

Connie Delaney, PhD, RN, FACMI, FAAN

University of Minnesota, USA

Biography

Connie White Delaney serves as Professor & Dean, School of Nursing, University of Minnesota, and serves as Core Faculty in the Institute for Health Informatics. She served as Associate Director of the Clinical Translational Science Institute —Biomedical Informatics, and Acting Director of the Institute for Health Informatics (IHI) in the Academic Health Center from 2010–2015, and the Knowledge Generation Lead for the National Center for Interprofessional Practice and Education since its inception. She is an elected Fellow in the American Academy of Nursing, American College of Medical Informatics, and National Academies of Practice. Delaney is the first Fellow in the College of Medical Informatics to serve as a Dean of Nursing. Delaney was an inaugural appointee to the USA Health Information Technology Policy Committee, Office of the National Coordinator, and Office of the Secretary for the U.S. Department of Health and Human Services (HHS). She was designated a Living Legend by the American Academy of Nursing in 2025. Her most recent book “Leading with Love” describes a leader who marries compassion with computational power on the journey of transformation and connection.

Delaney is an active researcher, informatics and information technology author, and national and global presenter in data and information technology standards for nursing and health care, and big data knowledge discovery. She holds a BSN with majors in nursing and mathematics, MA in Nursing, Ph.D. Educational Administration and Computer Applications, postdoctoral study in nursing & medical informatics, a Certificate in Integrative Therapies & Healing Practices, and the Doctor Scientiae Curationis Honoris Causa (Honorary Doctor of Philosophy in Nursing) from the University of Iceland.

Abstract

We are living in an unprecedented time to ensure the ethical and intentional impact of AI on nursing care and the health of individuals, families, communities and our organizations. Nursing research is the essential core to inform us. This presentation will explore how artificial intelligence and data science can drive equitable, human-centered health transformation. Drawing on decades of research and leadership, research exemplars of how nurses and interprofessional teams can co-create ethical, people-first applications of AI that strengthens patient care, advance health equity and preserve the essential humanity of the profession are addressed. Emphasis is on artificial intelligence (AI) as a transformative tool that is and will shape how we teach, how we discover, and how we care. This presentation acknowledges the urgency of this moment and our responsibility to ensure that as we automate the mechanical and expand the meaningful.

Concurrent Session 17

Research Capacity Building Session for Early-Career Researchers

Moderator: Jooyoung Cheon Sungshin Women's University, Korea

October 20 (Tuesday), 2026 Room A
(Convention Center 4F)

Big Data Are Not Research-Ready: Integrating Clinical Context and
AI for Actionable Evidence

Hyo Jung Kim The Catholic University of Korea, Korea

Predictive Modeling with Healthcare Big Data: Approaches and
Applications

Jinkyung Park Chonnam National University, Korea

From Inception to Impact: Building a Program of Research on Sleep
Health in Type 2 Diabetes

Bomin Jeon Seoul National University, Korea

From Idea to Research Plan: Developing an AI-Integrated Neonatal
and Pediatric Patient Safety Education Program

Hyeran Park Catholic Kwandong University, Korea

Day 2



Concurrent Session



Big Data Are Not Research-Ready: Integrating Clinical Context and AI for Actionable Evidence

Hyo Jung Kim

The Catholic University of Korea, Korea

Biography

Hyo Jung Kim, Ph.D., MSc, RN, is an Assistant Professor in the Department of Biomedical Software Engineering at The Catholic University of Korea, South Korea. She received her BSc and MSc in Nursing from Yonsei University and her Ph.D. in Medical Informatics from Seoul National University.

Dr. Kim is a clinical informaticist with more than 15 years of experience spanning nursing practice, hospital information systems, healthcare data engineering, and academic research. Her research focuses on AI-driven clinical informatics, real-world data science, precision health, and clinical decision support, with particular emphasis on methodological rigor, data quality, reproducibility, and clinically meaningful validation. Her work integrates large-scale clinical, genomic, and other health data to generate robust and interpretable evidence for patient-centered care. She has led and participated in multidisciplinary research involving cancer care, pharmacovigilance, clinical data platforms, and AI-based healthcare applications. She also serves on the Data Disclosure and Utilization Committee of the Clinical & Omics Data Archive (CODA), Korea National Institute of Health.



Abstract

Health systems generate unprecedented volumes of electronic health records, claims, registries, and genomic data. Yet volume alone does not ensure that a data source can answer a clinical question. This presentation defines research readiness as study-specific fitness for purpose: alignment between the question, required data elements, population, time frame, and the processes through which data were generated and transformed.

Three recurring gaps organize the discussion. The context gap reflects data-generation processes shaped by care delivery, documentation, and reimbursement. The representation gap arises when relevant concepts remain in narrative notes, local codes, or workflow-dependent fields. The provenance gap occurs when source, temporal context, or transformation lineage is insufficiently traceable.

These challenges are illustrated through the speaker's trajectory from neonatal intensive care nursing to hospital information systems, biomedical informatics, data engineering for artificial intelligence, and academia. Examples include clinical decision-support systems; a clinical genome data model integrating reliability-related information with clinical and genomic data; and the Preliminary Attainability Assessment of Real-World Data framework, evaluated as a pre-study screen for direct variables, defensible proxy definitions, or insufficient information.

Artificial intelligence and large language models can support information extraction from clinical narratives, propose terminology mappings and candidate proxy variables, and accelerate feasibility triage. Their outputs require task-specific validation, transparent data lineage, and clinical adjudication. Artificial intelligence cannot reconstruct unrecorded information, resolve undocumented workflow meaning, eliminate biases embedded in data-generating processes, or assume accountability for interpretation.

Four practices are proposed for early-career researchers: assess data fitness before full-scale analysis; translate each question into operational definitions; document data sources and transformations, including artificial-intelligence-assisted steps; and engage interdisciplinary expertise during protocol development. Nurses' knowledge of assessment, documentation, workflow, and care context makes them essential co-designers of research-ready data infrastructures. Bridging data and clinical meaning is a core nursing informatics competency and a shared interdisciplinary responsibility.

Keywords: artificial intelligence; data provenance; nursing informatics; real-world data

Concurrent Session



**Predictive Modeling with Healthcare Big Data:
Approaches and Applications**

Jinkyung Park

Chonnam National University, Korea

Biography

EDUCATION

Year	Degree	Institution	Major
2019	Ph.D.	Korea University, College of Nursing Seoul, South Korea	Nursing Management/ Informatics
2012	MPH	Korea University, Graduate School of Public Health Seoul, South Korea	Epidemiology and Health Informatics
2005	BSN	Korea University, College of Nursing Seoul, South Korea	Nursing

PROFESSIONAL EXPERIENCE

Year	Position	Institution
2022–present	Associate Professor	Chonnam National University Graduate School of Data Science South Korea
2021– present	Associate Professor	Chonnam National University College of Nursing, South Korea
2019–2021	Research Professor	Korea University College of Nursing, South Korea
2018–2019	Senior Researcher	Korea Institute for Healthcare Accreditation (KOIHA), South Korea
2015–2018	Senior Researcher/ Manager	The Korea Institute of Drug Safety and Risk Management (KIDS), South Korea
2013–2015	Associate Manager	Health Insurance Review and Assessment Service (HIRA), South Korea
2005–2013	Nurse Specialist of Neurosurgery/ ICU Nurse	Korea University Medical Center



Abstract

Large-scale data generated in routine healthcare make anticipatory nursing possible, allowing risks to be identified and addressed before harm becomes clinically apparent. This presentation offers a systematic, step-by-step approach to building prediction models from healthcare big data, such as national health insurance claims and electronic medical records (EMRs). It first compares claims data, EMRs, and spontaneous adverse drug reaction reports in terms of coverage, granularity, and bias. It then introduces Korea's linked data from the Health Insurance Review and Assessment Service (HIRA) and the National Health Insurance Service (NHIS), and explains how researchers obtain access through application, ethical review, and secure analysis environments. Next, it presents an eight-step framework for model development. The framework begins with a research question anchored in a clinical decision and a cohort built on a new-user design with a clearly defined index date, look-back period, and risk window. It proceeds to defining outcomes and predictors while preventing information leakage, estimating the required sample size, handling rare events, and comparing regression models with machine learning algorithms. It concludes with evaluating discrimination, calibration, and clinical utility, assessing explainability and fairness, and reporting transparently. The 27 items of TRIPOD+AI, which apply to both regression and machine learning models, are introduced across their domains of title and abstract, introduction, methods, open science, patient and public involvement, results, and discussion. The presentation then reviews prediction models built from HIRA claims and EMR data, examining their methods, performance, clinical implementation, and evaluation of real-world usefulness. It concludes that the value of a prediction model depends not on algorithmic complexity but on its link to clinical decisions, rigorous validation, and transparent reporting, and that nurses, as both users of predictions and key sources of predictive data, should lead this process.

Concurrent Session



From Inception to Impact: Building a Program of Research on Sleep Health in Type 2 Diabetes

Bomin Jeon

Seoul National University, Korea

Biography

Bomin Jeon, PhD, RN, is an Assistant Professor at Seoul National University College of Nursing. She received her BSN and MSN degrees from Seoul National University College of Nursing and earned her PhD in Nursing from the University of Pittsburgh School of Nursing. Prior to her doctoral studies, she served as a registered nurse at Seoul National University Hospital for seven years. Her research focuses on optimizing sleep health in chronic illness, with a primary goal of developing tailored behavioral and sleep interventions to alleviate disease burden and promote cardiometabolic health in individuals with type 2 diabetes.



Abstract

Sleep is a fundamental pillar of health that profoundly influences metabolic regulation and chronic disease outcomes. In individuals with type 2 diabetes, sleep health plays a critical role in daily self-management and optimal glycemic control, yet sleep disturbances remain highly prevalent and often overlooked. This presentation delineates a progressive research trajectory centered on optimizing sleep health in type 2 diabetes management. The session begins with the clinical significance of sleep health and the current burden of comorbid sleep disorders in this population, with particular attention to insomnia, obstructive sleep apnea (OSA), and their co-occurrence (COMISA). It further explores the biobehavioral mechanisms linking disturbed sleep, psychological well-being, and glycemic variability, highlighting the mediating role of physiological stress markers. Expanding from observational findings to behavioral translation, the talk will introduce ongoing efforts toward developing tailored digital health interventions that incorporate chrono-nutrition principles to support sustainable lifestyle modification. By mapping this program of research from mechanistic exploration to intervention design, this session aims to share insights on establishing an independent research trajectory as an early-career investigator in chronic disease care.

Concurrent Session



From Idea to Research Plan: Developing an AI-Integrated Neonatal and Pediatric Patient Safety Education Program

Hyeran Park

Catholic Kwandong University, Korea

Biography

EDUCATION

PhD in Nursing, Yonsei University, 2024

MSN in Child Nursing, Yonsei University, 2018

BSN in Nursing, Yonsei University, 2008

RESEARCH INTERESTS

Neonatal & Pediatric Nursing · Nursing education · Patient Safety



Abstract

Neonatal and pediatric patients are particularly vulnerable to medical errors, and even small errors can result in serious consequences. Nursing students therefore need opportunities to recognize safety risks, interpret clinical cues, and make appropriate clinical decisions. Simulation-based education allows students to experience realistic clinical situations. However, it is still challenging to provide immediate and individualized feedback on each learner's reasoning process. Recent advances in artificial intelligence (AI) offer new possibilities for supporting clinical reasoning and reflection.

This study aims to develop and evaluate an Artificial Intelligence-Integrated Neonatal and Pediatric Safety Care Education Program (AI-NEPS) that combines immersive clinical experiences with AI-supported feedback. The program will focus on medical errors in neonatal and pediatric care, with the aim of strengthening nursing students' patient safety competency and clinical reasoning.

The study will be conducted as a multi-year research project. Patient safety issues and relevant educational content will first be identified to inform the development of neonatal and pediatric clinical cases. Nursing students' educational needs will be explored through focus group interviews, while a systematic review will identify evidence-based strategies for integrating AI into the program. Based on these findings, clinical case scripts will be developed and translated into 360-degree virtual reality modules integrated with a large language model (LLM). Students will experience realistic clinical situations involving medical errors and engage in a structured clinical reasoning process. The AI component will analyze learners' responses and reasoning processes to deliver step-by-step, real-time, personalized feedback. Finally, the effectiveness of AI-NEPS will be evaluated through a randomized controlled trial involving nursing students who have completed clinical training in neonatal or pediatric care.

AI-NEPS is expected to advance patient safety education by combining immersive simulation with individualized AI-supported feedback. The program may enhance patient safety competency and clinical reasoning, improve the recognition and prevention of medical errors, and contribute to scalable, technology-enhanced education for neonatal and pediatric patient safety.

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Nursing Intelligence in the AI Era:
Strategic Empowerment of Research,
Education, and Practice

Plenary Session 3

Research

Moderator: Jiyeon Lee Yonsei University, Korea

October 20 (Tuesday), 2026 Room A+B
(Convention Center 4F)

Use of AI for Evidence Based Practice: Systematic Review 

Zachary Munn University of Adelaide, Australia

Day 2





Plenary Session



Use of AI for Evidence Based Practice: Systematic Review

Zachary Munn, PhD, MClInSc, BN, RN

University of Adelaide, Australia

Biography

Professor Munn is the founding Director of Health Evidence Synthesis, Recommendations and Impact (HESRI) in the School of Public Health at Adelaide University; Head of the Evidence Synthesis Taxonomy Initiative (ESTI); Founding Director of the Adelaide GRADE Centre; past-Chair of the Guidelines International Network (GIN) and a National Health and Medical Research Council (NHMRC) Investigator. He is a systematic review, evidence implementation and guideline development methodologist.

Abstract

Artificial intelligence is rapidly reshaping the evidence synthesis landscape, offering new opportunities to improve efficiency, scalability and innovation across the review process. From literature searching and screening through to data extraction, evidence mapping and guideline development, AI tools are increasingly being integrated into evidence synthesis workflows. Yet important questions remain around transparency, trustworthiness, bias, reproducibility and the evolving role of human judgement. This presentation will explore the current and emerging use of AI in evidence synthesis, highlighting practical applications, strengths and limitations, and what these developments mean for researchers, clinicians and decision-makers. Drawing on real-world examples and current methodological discussions, the session will consider how AI can be used to augment, rather than replace, rigorous evidence synthesis methods.

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International Nursing Conference

Nursing Intelligence in the AI Era:
Strategic Empowerment of Research,
Education, and Practice

Plenary Session 4

Practice

Moderator: Heesook Son Chung-Ang University, Korea

October 20 (Tuesday), 2026 Room A+B
(Convention Center 4F)

AI and Decision Making: Clinical Implication

Hyeoneui Kim Seoul National University, Korea

Day 2



Plenary Session



AI and Decision Making: Clinical Implication

Hyeoneui Kim, PhD, MPH, BSN, FAAN

Seoul National University, Korea

Biography

Dr. Kim is a Professor at the College of Nursing, Seoul National University, affiliated with programs in medical informatics, data science, and healthcare AI Research Institute. She received her BSN and MPH from Seoul National University and her PhD in Health Informatics from the University of Minnesota, followed by postdoctoral training at Brigham and Women's Hospital, Harvard Medical School.

Dr. Kim has held faculty positions at Duke University and the University of California, San Diego, and has also worked as an informatician at Partners HealthCare. Her research focuses on data interoperability, artificial intelligence in nursing, clinical informatics, and consumer health informatics.



Abstract

Artificial intelligence is rapidly becoming part of clinical decision-making, from risk prediction and explainable models to generative AI and multi-agent systems that synthesize complex patient information. Yet the central question is no longer simply whether AI can produce accurate predictions or recommendations, but how these outputs should be interpreted, integrated, and acted upon in real clinical settings.

This plenary examines AI-supported decision-making as a dynamic interaction between computational systems, clinicians, and the clinical environment. Using examples from predictive modeling, explainable AI, information synthesis, and emerging approaches to post-deployment monitoring, the presentation explores both the opportunities and limitations of AI in supporting clinical judgment. Particular attention will be given to the risks of inappropriate reliance on AI, including automation bias, and to the need for continuous monitoring as models and care environments change over time.

As AI becomes more deeply embedded in clinical workflows, decision support must extend beyond model development and validation to include ongoing assessment of performance, changing data and practice environments, and appropriate human oversight. Emerging approaches such as model drift monitoring, adaptive escalation, and multi-agent management illustrate how clinical AI can be managed as a continuously evolving system rather than a static tool. For nursing, these developments have direct implications for practice. Nurses are positioned not only to use AI-generated information, but also to recognize when model outputs conflict with bedside observations, patient preferences, workflow realities, or changes that are not yet captured in the data. The clinical value of AI therefore depends not only on model performance, but on whether systems help clinicians detect meaningful changes, reduce cognitive burden, support timely action, and identify situations in which human judgment should take precedence. AI-supported decision-making should ultimately be evaluated by the quality and safety of the clinical decisions it enables.

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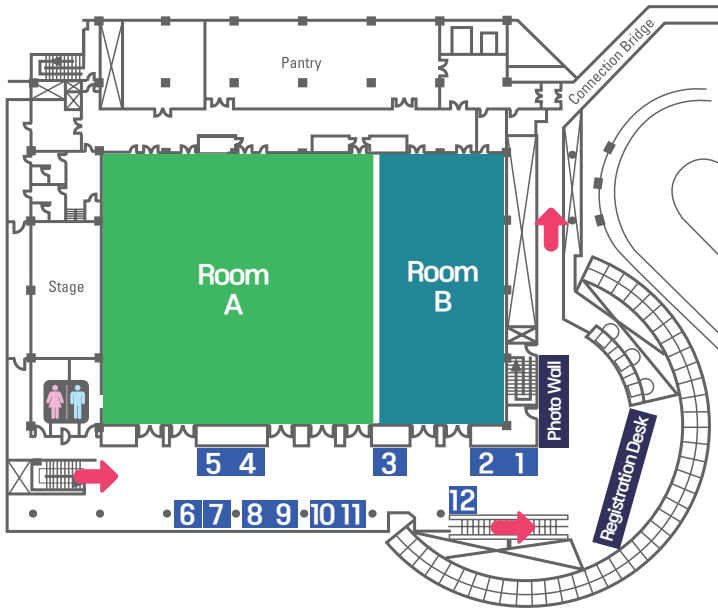
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Exhibition

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02	NURFIT	08	Blisstech
03	School of Nursing, The Hong Kong Polytechnic University	09	Hakjisamedical
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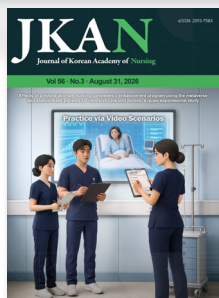
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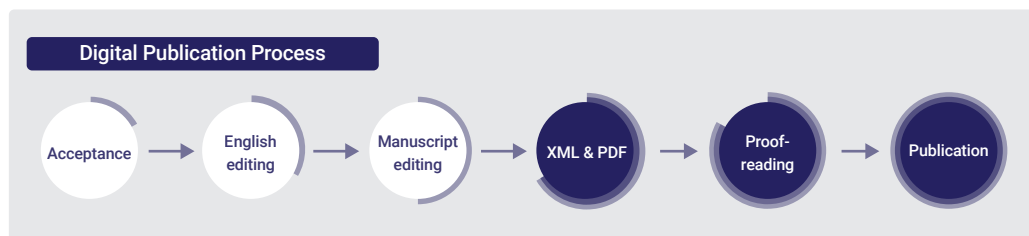
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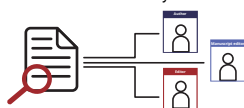
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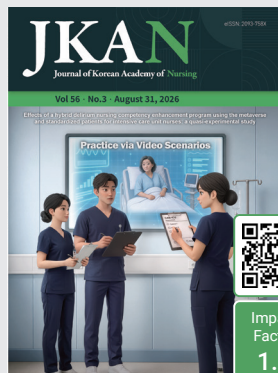


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