

# **SDEC 2024 Abstract Presentations**

## **1120 - 1250 – Oral Paper Presentations Sessions 1-5 (Simultaneous)**

### **Session 1: L2-S3**

#### **Empowering Volunteers for Community Health: The HealthStart Approach to Enhancing Primary Healthcare in Singapore**

Lorraine Tan Hui En, National Healthcare Group Polyclinics

#### **Anatomical Insights through Design Thinking**

Abirami S Ramanathan, Ngee Ann Polytechnic

#### **Fostering Well-Being of People Managers through Peer Circles Programme: An SGH Experience**

Gary Ong Boon Kiat, Singapore General Hospital

#### **Using Virtual Reality to Aid in Clinical Reasoning Skills in Junior Doctors**

Huang Xiaoting, Singapore General Hospital

#### **Driving Student Ownership of Clinical Learning with High Quality Supervisor Feedback**

Anshad Ansari, Nanyang Polytechnic

### **Session 2: PSL2A**

#### **Artificial Intelligence and Machine Learning (AIML) in IV training for Emergency Medical Technician (EMT) Trainees**

Larry Yip, Singapore Armed Forces

#### **Transforming Healthcare Education: Pioneering Simulation-based Assessment with SCM (Sunrise Clinical Manager) Training Platform for Inpatient Pre-Registration Pharmacists**

Alexander Tay, Changi General Hospital

#### **A Pilot Study to Evaluate the Use of a Multi-Mentoring Model in Clinical Supervision in Occupational Therapy (OT) to support New Clinical Educators (CE)**

Stephanie Yeo Hui Zhen, Tan Tock Seng Hospital

#### **A 3-Dimensional Neuroanatomy Course for Neurosurgical Training: Tackling Difficult Concepts and Anatomical Approaches in Learners of Differing Seniorities**

Linda Lim Huiling, National Neuroscience Institute

### **Session 3: L2-S1**

#### **E- Learning for Nurse Preceptors**

Azkiah Abdul Jabbar, Singapore General Hospital

#### **Step Wise Approach in Developing Competency-based Curriculum using the WHO Eye Care Competency Framework tool – SNEC Allied Health Professionals Experience**

Carin Tan Lay San, Singapore National Eye Centre

#### **Using R2C2 to Enable New Clinical Supervisors to Facilitate Feedback Uptake**

Guadalupe Cara Viegelmann, KK Women's and Children's Hospital

#### **Get it Going: Education Perspectives in Correctional Health**

Shree Benstead, Changi General Hospital

#### **Patient-Centred Communication Training**

Dong Chaoyan, Sengkang General Hospital

### **Session 4: L2-T1**

#### **Differentiated Instruction in E-learning: Implementation to Enhance Interprofessional Education on Medical Imaging Safety**

Wong Jun Jet, Changi General Hospital

#### **Innovative Learning Landscapes: Embracing Gamification in Learning**

Cheng Qianhui, National Neuroscience Institute

#### **Educating an Inter-Professional Team about Quality Improvement in Healthcare**

Priyantha Edison, Singapore General Hospital

#### **Reimagining Radiography Onboarding: Enhancing New Staff Orientation for Foreign Radiographers in Singapore**

Tan Weiling, Singapore General Hospital

#### **Evaluation of Quality Improvement (QI) Competency of QI Coaches in Singapore General Hospital using the QI Knowledge Application Tool – Revised (QIKAT-R) and Other Composite Measures**

Tharmmambal Balakrishnan, Singapore General Hospital

### **Session 5: PSL2B**

#### **A Pilot Study to Explore the Utility of a Compatibility Score in the Mentor-Mentee Matching Process**

June Lee, Duke-NUS Medical School

### **Explainable Paediatric AI Chest X-Ray (CXR) Model for Pneumonia Prediction**

Tai Chen Jie, KK Women's and Children's Hospital

### **Multi-prong Approach in DEM Education Nursing Journey**

Khadijah Binte Raship, Singapore General Hospital

### **Systematic Scoping on Review Moral Distress Amongst Medical Students and Physicians**

Sim Shin Wei, National Healthcare Group Polyclinics

### **Coaching and Cultivation: A Meta-ethnographic Exploration of Contemporary Health Coaching and its Competencies**

Shaik Muhammad Amin, Nanyang Technological University

## **1445 - 1615 – Oral Paper Presentations Sessions 6-8 (Simultaneous)**

### **Session 6: L2-S1**

#### **Interprofessional Education at Resource Limited San Vicente, Philippines**

Ng Chang Zhi, SingHealth Polyclinics

#### **Infusing Innovation into the Induction Program for Newly Joined Nurses in Orthopaedic Wards**

Lin Lilin, Singapore General Hospital

#### **Evolve and Elevate: Radiographers' Gateway to Patient Safety**

Ariel Chow Hwei Chuin, Singapore General Hospital

#### **Can 3D Printing be Used to Develop High Fidelity, Low Cost Paediatric Forearm Fracture Simulators for Teaching Novices?**

Favian Ng, MOH Holdings

### **Session 7: L2-T1**

#### **SingHealth Community Hospital TA Emplacement Programme**

Kissnette R Sacro, SingHealth Community Hospitals

#### **Joint Development of eLearning Training Modules on Evidence-Based Medicine for primary care physicians in Singapore and Malaysia (Jet-EBM)**

Gabriel Gerard Yee Wenjun, SingHealth Community Hospitals

## **Beyond Borders: Redefining the Role of Medical Students in Global Health Initiatives**

Tania Santosh Nair, Duke-NUS Medical School

## **Workshop Adaptation during COVID-19: From Face-to-Face to Online**

Ng Ming Hui, KK Women's and Children's Hospital

## **Expansion of The Integrated Maternal and Child Wellness Hub at SingHealth Polyclinics**

Zhang Qinyi, SingHealth Polyclinics

### **Session 8: PSL2B**

## **Medical Student's Preference in Four Different Technologies for Learning Anatomy Using the Technology Acceptance Model (TAM)**

Jason Lee, Duke-NUS Medical School

## **DEEP ROOTS: Developing Effective Endodontic Practices through Feedback and Debriefing**

Chan Pei Yuan, National Dental Centre Singapore

## **Comparison of a Video to a Patient Education Pamphlet in Improving Patients' Knowledge, Beliefs About, Perceived and Actual Adherence to Femoral Non-Tunnelled Dialysis Catheter Care Among Hemodialysis Patients**

Felice Leong Fangie, Singapore General Hospital

## **An Exploration of the Lived Experience of Ophthalmology Education Throughout the Careers of Clinical Educators: A Phenomenographical Study**

Ruth P Chen, Singapore National Eye Centre

## **Use of Team-Based Learning and Learning Analytics to Improve Student Learning Outcomes**

Lee Tyng Leong, Ngee Ann Polytechnic

## **1620 - 1750 – Oral Paper Presentations Sessions 9-11 (Simultaneous)**

### **Session 9: L2-S1**

## **Nurturing Growth: Exploring Peer Learning in Occupational Therapy (PLOT) for Student Enrichment**

Anna Tan Chew Na, Singapore General Hospital

## **Capability Building for Dementia Care in the Community**

Phua Xin Ni, Singapore General Hospital

**Competency-based Cranial Ultrasound Training Programme: Early Implementation and its Challenges**

Imelda L Ereno, Singapore General Hospital

**Bridging the Gap in Procedural Skills: A Workshop for Medical Students Targeting Patient Communication, Aseptic Technique, Technical Proficiency, Post-Procedural Care, and Sharps Safety**

Tan Poh Huat, Duke-NUS Medical School

**Bridging Gaps in Medical Education for Digital Healthcare: A Singapore Case Study**

Humairah Zainal, Singapore General Hospital

**What is Known About Bullying of Medical Students?**

Choo Jing Xian, National University of Singapore

**Session 10: L2-T1**

**Beyond an Extra Pair of Hands: Integrating Nursing Students into the Team Nursing Model**

Rajesh Rajendran, National Heart Centre Singapore

**The Educational Escape Room: An Applied Example in Community Health**

Sze Yu Mei, Tan Tock Seng Hospital

**Power of Pretest - Application of Kirkpatrick Model on Skills Enhancement Program**

Zhang Qinyi, SingHealth Polyclinics

**Utilising Game-Based Learning to Enhance Clinical Experience for Final Year Posting Nursing Students**

Sheela Devi Shukul Brendra Kumar, Changi General Hospital

**The Advanced Practice Nurse (APN) Faculty Development Framework and Initiatives in Singapore's Regional Health System**

Tan Hui Li, Singapore General Hospital

**Impact of Clinical Log of Professional Activities on Final Year Nursing Students' Learning and Clinical Instructors' Utilisation: An Evaluation Study**

Rifhan Nadhirah Zakariyah, Changi General Hospital

**Session 11: PSL2B**

**“Ethics is like a Set of Rules to Guide Me Morally”- A Curriculum Development of Teaching Ethics and its Impact on Nurses: Participatory Action Research**

Norasyikin Hassan, Changi General Hospital

**Factors Influencing Recruitment and Retention Rates of Nurses in the Healthcare Sector of Singapore: A Pilot Study**

Jessie Tan, Ngee Ann Polytechnic

**Pre Master of Nursing Programme – An SGH Approach**

Woo Guan Yi, Singapore General Hospital

**Evaluation of Foundation Program Supporting an Emerging Job Role as a Wellbeing Coordinator in SingHealth Hospitals using the Kirkpatrick Model**

Lila Mageswary Passkeren, SingHealth Community Hospitals

**A Brave New World: How Important is the Role of Mentors in Teaching the Surgical Technique for Proximal Femur Fracture Intramedullary Nailing in Intertrochanteric Fractures with the Advent of Virtual Reality (VR) as an Immersive Learning Tool? A Randomized Controlled Trial**

Celest Seah, National University of Singapore