

SHBC2021 Scientific Competition – Results (Oral)

ORAL CATEGORY					
Award Category	Salutation	Finalist	Institution	Results	Abstract Title
COVID-19 Our Response to a new challenge (Oral)	Dr	Serene Goh	Tan Tock Seng Hospital	GOLD	Impact of COVID-19 pandemic on perioperative outcomes after colorectal surgery and compliance to enhanced recovery pathways
	Dr	Yu Chou Chuen	Geriatric Education and Research Institute	SILVER	Age advantages in mental health during the COVID-19 pandemic and the positive effects of adaptability
	Dr	Ang Jia Jun	National University Hospital	BRONZE	A preclinical model assessing the viability of live coronavirus in surgical plume generated during minimally-invasive surgery and potential solutions for safe smoke evacuation
	Dr	Cheong Chin Yee	Khoo Teck Puat Hospital	MERIT	Stress and needs of caregivers of persons with dementia during the COVID-19 pandemic
	Dr	Geraldine Ong	MOH Holdings Pte Ltd (MOHH)	MERIT	Pityriasis rosea-like eruptions following COVID-19 vaccination in a local cohort
Health Professions Education Research Investigator Award	A/Prof	Yip Chee-Chew	Khoo Teck Puat Hospital	GOLD	Supplementary Clinical Ophthalmology Preparatory E-learning (SCOPE) Using Flipped Classroom and Mental Rehearsal Versus Face-To-Face Teaching (F2FT): Which is More Effective?
	A/Prof	Andy Ho	Nanyang Technological University	SILVER	Challenges and Resiliences of Non-Palliative Care Professionals Caring for End-of-Life Patients: A Qualitative Study on Health Profession Education
	Ms	Neo Cui Fang Josephine	Tan Tock Seng Hospital	BRONZE	Evaluation of the use of Escape Room as a Teaching Strategy for Occupational Therapists' education in Palliative Care Rehabilitation
	A/Prof	Liaw Sok Ying	National University of Singapore	MERIT	Telesimulation for academic-practice collaboration amid COVID-19: An online programme to enhance nurse preceptors' roles in supporting students' clinical learning and assessment
	Ms	Quek Mei Sing	Tan Tock Seng Hospital	MERIT	Evaluation of therapists' perceptions on transdisciplinary therapy in an acute inpatient setting
SHBC Student Awards (Open Category)	Ms	Gwyneth Joy Lim	Nanyang Technological University	GOLD	Self-care in Type 2 Diabetes and its association with Chronic Kidney Disease
	Ms	Ng Li Ting	James Cook University Singapore	SILVER	Discriminant Factors Underlying Patterns of Admission in Individuals with Autism Spectrum Disorder
	Mr	Joshua Yap	National University of Singapore	SILVER	Effect of Coping Strategies on the Relationship Between Problematic Child Behaviour and Parental Stress
	Ms	Shernice Lim	National University of Singapore	BRONZE	Secondary benefits of a brain-computer interface based therapy for children with ADHD
	Ms	Phua Li Wen	Nanyang Technological University	BRONZE	Empathy, emotional reactivity, and externalizing-internalizing behaviour in children with low academic performance
	Ms	Dhakshenya Dhinakaran	Nanyang Technological University	MERIT	Conversational agent for healthy lifestyle behaviour change: an online feasibility study
	Ms	Joanne Lim	National University of Singapore	MERIT	A Comparison between the relationship of emotion regulation and psychopathology for young persons with ADHD and autism.

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Singapore Allied Health Award	Dr	Liu Jianlin	Institute of Mental Health	GOLD	Latent class analysis to determine high-risk profiles of adverse childhood experiences and their interactions with psychological resources, high-risk behaviours, and physical and mental disorders
	Ms	Ong Yi Fen	Tan Tock Seng Hospital	SILVER	The Inter-rater Reliability of a Revised Classification for Metatarsalgia to Guide Orthotic Intervention
	Ms	Guo Huiling	Tan Tock Seng Hospital	BRONZE	Trust in doctors and preference for shared decision-making on antibiotic prescribing: Findings from a nationally-representative population survey in Singapore
	Ms	Ho Chiu Yi	Tan Tock Seng Hospital	MERIT	Effect of intensive robotic exoskeleton gait training on functional outcomes and energy expenditure in patients with neurological conditions
	Ms	Chalani Ubeynarayana	Khoo Teck Puat Hospital	MERIT	Exploring sub-phenotypes of General Obese Population in Singapore
Singapore Clinician Investigator Award	Dr	Ester Yeoh	Admiralty Medical Centre	GOLD	Continuous Glucose Monitoring Glycaemic Indices in a 5-year Randomized Controlled Trial of Roux-en-Y Gastric Bypass versus Best Medical Treatment for Type 2 Diabetes with Class 1 Obesity.
	Dr	Angela Chow	Tan Tock Seng Hospital	SILVER	Understanding visit expectations and behavioral drivers of emergency department attendances for upper respiratory tract infections
	Dr	Chai Gin Tsen	Tan Tock Seng Hospital	BRONZE	Cohort differences in spirometry indices in healthy Singaporean Chinese adults
	Dr	Serena Low	Khoo Teck Puat Hospital	BRONZE	Decline in skeletal muscle mass - a new dimension in the understanding of cognitive decline
	Dr	Joshua Song	MOH Holdings Pte Ltd (MOHH)	BRONZE	Predicting functional outcomes in conservatively managed proximal humerus fractures with radiographic evaluation
	Dr	Cheong Kah Wai	Changi General Hospital	MERIT	The Role of In Vivo Reflectance Confocal Microscopy in the Diagnosis and Management of Lichen Planus Pigmentosus
	Dr	Shauntel Tan	Khoo Teck Puat Hospital	MERIT	Characteristics of patients with Motoric Cognitive Risk syndrome in a Singapore tertiary hospital
Singapore Nursing Award	Ms	Ong Shu Fen	Khoo Teck Puat Hospital	GOLD	Accuracy of Nurse Telephone Triage: Emergency Department Attendance and Hospital Admission following the call
	Ms	Priscilla Chng	Yishun Community Hospital	SILVER	Factors associated with uptake of influenza vaccination among nursing staff in nursing homes before COVID-19.
	Ms	Tan Xue Hui	Woodlands Health	BRONZE	Exploring emerging nursing leaders' experiences and perceptions toward their leadership roles
	Mr	Chua Wee Liang	Tan Tock Seng Hospital	MERIT	A pilot study of Nurses using 4A's Test (4AT) to detect delirium among elderly patients in a General Surgical Ward Setting.
	Ms	Evangeline Tan	Khoo Teck Puat Hospital	MERIT	Generation Differences in Nurses' Work Values and Attitudes in an Acute Hospital

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Singapore Primary Care Research Award (Oral)	Mr	Lew Kaiwei, Jeremy	Clinical Research Unit, NHG Polyclinics	GOLD	Clinical Impact of Video Consultation in Primary Care
	Dr	Wong Kay Wye Sabrina	Clinical Services, NHG Polyclinics	SILVER	Assessing the association of Support, Psychological health, self-efficacy, illness perceptions and Knowledge (SPARK) on self-care behaviors and glycemic control in type 2 diabetes: the SPARK study
	Ms	Elya	Clinical Research Unit, NHG Polyclinics	BRONZE	Adherence to asthma preventer inhalers in primary care patients
	Ms	Ong Sin Kee	Clinical Research Unit, NHG Polyclinics	MERIT	Do Video Consultations Pale in Comparison to In-Person Consultations in the Eyes of Physicians?: A Qualitative Study.
	Dr	Sim Sai Zhen	Hougang Polyclinic, NHG Polyclinics	MERIT	Healthcare Providers' Views on Using Clinical Practice Guidelines in the Management of Patients with Multimorbidity: A qualitative evidence synthesis
Singapore Young Investigator Award (Basic Science / Translational Research)	Dr	Kumaran Rasappan	National University Hospital	GOLD	The Answer Behind the PFNA "Cut-In" Phenomenon- A Biomechanical Experimental Model
	Dr	Timothy Sng	National University of Singapore	SILVER	Immunomodulatory Effects of Mesenchymal Stem Cell Exosomes on Temporomandibular Joint Repair and Pain Recovery
	Dr	Geoffrey Tan Chern-Yee	Institute of Mental Health	BRONZE	Genetically predicted CYP2D6 brain expression influences mood and anxiety symptoms in children and their mothers
	Dr	Chia Po Ying	National Centre for Infectious Diseases	MERIT	Decreased Endothelial Glycocalyx Thickness and Increased Myeloperoxidase is Associated with Severe Dengue and Increased Vascular Permeability in Adults
	Dr	Lim Xin Rong	Tan Tock Seng Hospital	MERIT	Non-IgE-mediated anaphylactic reactions to Pfizer BNT162b2 COVID-19 vaccine
Singapore Young Investigator Award (Clinical Research)	Dr	Jordan Sim	Tan Tock Seng Hospital	GOLD	Texture analysis of HCC on pre-operative MRI to predict for microvascular invasion
	Dr	Sharon Pek	Khoo Teck Puat Hospital	SILVER	Predictors of incident myocardial infarction in a cohort with Type 2 Diabetes: Prospective data from SMART2D
	Dr	Lee Shuen Yee	Singapore Institute of Technology	BRONZE	Effectiveness of a community-delivered pneumatic resistance training programme (Gym Tonic) for older adults at neighbourhood senior centres – A randomized controlled trial
	Dr	How Guo Yuan	Tan Tock Seng Hospital	MERIT	Novel Non-Contrasted Magnetic Resonance Venogram A Worthy Screening Tool For Deep Venous Disease?
	Dr	Anthony Li	MOH Holdings Pte Ltd (MOHH)	MERIT	Application of Machine Learning to predict 1 year All Cause Mortality in Chronic Obstructive Pulmonary Disease

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Singapore Young Investigator Award (Health Services Research)	Ms	Ge Lixia	National Healthcare Group Corporate Office	MERIT	Social isolation and loneliness are associated with frailty in older adults: Findings from a longitudinal study
	Ms	Palvinder Kaur	National Healthcare Group Corporate Office	GOLD	Prognostication in Advanced Dementia Patients Presenting at an Acute Hospital
	Ms	Lynette Ha	Geriatric Education and Research Institute	SILVER	Conceptualisation and Implementation of a Community-based Frailty Management Model in Singapore: A Multi-Site Perspective
	Dr	Michelle Pereira	National Healthcare Group Corporate Office	BRONZE	Cost-effectiveness of EDIFY: Emergency Department Interventions for Frailty
	Dr	Yip Wan Fen	National Healthcare Group Corporate Office	MERIT	Examining health resilience of community-dwelling individuals through the lens of healthcare and social care professionals: A preliminary qualitative analysis
COVID-19 Our Response to a new challenge (Poster)	Dr	Vivien Yip	Tan Tock Seng Hospital	GOLD	The Impact of The Virtual Ophthalmology Service in Stable Eye Conditions
	Ms	Ong Poh Ling	Tan Tock Seng Hospital	SILVER	A comparison of face-to-face (F2F) versus remote videoconference (VC)-based cognitive assessment for older adults during the Coronavirus Disease 2019 (COVID-19) pandemic
	Ms	Angela Moh	Khoo Teck Puat Hospital	BRONZE	Impact of COVID-19 circuit breaker on glycaemic control in adults with diabetes: role of regular exercise habits
	Ms	Hao Ying	National Centre for Infectious Diseases	MERIT	Lower Risk of Severe COVID-19 Disease in Fully Vaccinated Patients – Findings from a Single-centre Study
	Ms	Tang Mei Ai Florence	Tan Tock Seng Hospital	MERIT	Pivoting to Telepractice During COVID-19: The Clinicians' Perspective

SHBC2021 Scientific Competition – Results (Poster)

POSTER CATEGORY					
Award Category	Salutation	Finalist	Institution	Results	Abstract Title
SHBC Best Poster Award (Allied Health)	Mr	Tan Ren Siang	Tan Tock Seng Hospital	GOLD	Effectiveness and usability of the System for Assessment and Intervention of Frailty (SAIF) for community-dwelling pre-frail older adults: A pilot study
	Ms	Chung Lau Ha	Tan Tock Seng Hospital	SILVER	Smartphone-based mobility assessment in Parkinson's disease: A validity study
	Ms	Lim Hui Hui	Tan Tock Seng Hospital	BRONZE	Predictability of touchscreen 'DriveSafe DriveAware' on the actual driving performance of Singapore drivers' with medical conditions
	Mr	Edimansyah Abdin	Institute of Mental Health	MERIT	Validation of the 12-item World Health Organization Disability Assessment Schedule (WHODAS) 2.0 for measuring functional disability in patients with schizophrenia
	Ms	Ho Chiu Yi	Tan Tock Seng Hospital	MERIT	Examining the feasibility and effectiveness of circuit training in patients with traumatic brain injury
SHBC Best Poster Award (Basic Science / Translational Research)	Ms	Wynne Sim	International Medical University (Malaysia)	GOLD	NOVEL USE OF HISTONE DEACETYLASE INHIBITORS TO OVERCOME CYTOTOXIC T-CELLS MEDIATED RESISTANCE IN PANCREATIC DUCTAL ADENOCARCINOMA
	Ms	Wan Wen Yi	Khoo Teck Puat Hospital	SILVER	Examining the effectiveness of Dutch Lipid Clinic Network and Simon Broome Criteria in predicting genetic analysis result of Familial Hypercholesterolemia In Singapore
	Mr	Resham Gurung	Khoo Teck Puat Hospital	BRONZE	Increased plasma uric acid level and risk of developing kidney disease in type 2 diabetes: Observational studies and Mendelian randomization analysis
	Ms	Siti Kamaruddin	Khoo Teck Puat Hospital	MERIT	Spectrum of mutations in patients with familial hypercholesterolemia in Singapore: Multi center study
	Asst Prof	Navin Kumar Verma	Nanyang Technological University	MERIT	The Dietary Phytochemical Withaferin A Inhibits LFA-1-Stimulated ZAP70 Activity and T-Cell Motility
SHBC Best Poster Award (Clinical Research)	Dr	Serena Low	Khoo Teck Puat Hospital	GOLD	Association between long term use of sodium-glucose co-transporter-2 (SGLT2) inhibitors and reduced cognitive function in a longitudinal study
	Dr	Geraldine Lei	Khoo Teck Puat Hospital	SILVER	Reducing Surgical Site Infection in Colorectal Surgery using Mechanical and Oral Antibiotics Preparation Protocol (MOAPP)
	Ms	Low Zhi Jun	Tan Tock Seng Hospital	BRONZE	Developing the SAD model for prognostication of mortality in End Stage COPD
	Dr	Lee Yao Zong	Khoo Teck Puat Hospital	MERIT	Differences in short-term outcomes after right and left sided colorectal resections for colorectal cancer may indicate a need to modify ERAS protocol.
	Ms	Angela Moh	Khoo Teck Puat Hospital	MERIT	Roux-en-Y gastric bypass versus best medical treatment for type 2 diabetes in adults with body mass index between 27 and 32 kg/m ² : A 5-year randomized control trial

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SHBC Best Poster Award (Health Professions Education)	Ms	Esther Bek	National Healthcare Group Pharmacy	MERIT	An Evaluation of a Pilot Foundation Clinical Training Program for Entry-to-Practice Pharmacists in Primary Care
	Dr	Ding Jianbin	MOH Holdings Pte Ltd (MOHH)	GOLD	Improving the Acquisition of Clinical Examination Skills with Guided Mental Rehearsal In E-learning (IMAGINE).
	Mrs	Ramya Chandrasekaran	Nanyang Technological University	SILVER	A randomised cross-over study to evaluate the students' performance on the use of 3D printed and plastinated specimens
	Mr	Perry Lee	Khoo Teck Puat Hospital	BRONZE	The PowerFacts Study: Studying the effectiveness of Palliative Care Animated Videos on Knowledge and Attitudes of Nursing Home Healthcare Workers
	Ms	Chong Wei Shih, Rachel	Tan Tock Seng Hospital	MERIT	Nursing students' clinical learning experiences in a Singapore acute hospital – A qualitative study
SHBC Best Poster Award (Health Services Research)	Dr	Allyn Hum	Tan Tock Seng Hospital	GOLD	Impact of Palliative Care on Healthcare Utilization for End Stage Organ Disease
	Dr	Boh Toon Li	Khoo Teck Puat Hospital	SILVER	Preliminary cost analysis and evaluation of the effectiveness of Medical Home (MH) Programme - a hospital admission avoidance pilot initiated by Yishun Health
	Ms	Lim Yujun	Khoo Teck Puat Hospital	BRONZE	Does an Integrated Palliative Care Program Reduce Emergency Department Transfers for Nursing Home Palliative Residents?
	Ms	Tang Jia Ying	Geriatric Education and Research Institute	MERIT	Intervention Elements and Behavioral Change Techniques to Improve Prescribing for Older Adults with Multimorbidity in Singapore: A Modified Delphi Study
	Ms	Priscilla Tay	Changi General Hospital	MERIT	Blood Pressure Management amongst Older Adults at Community Nurse Posts in Singapore
SHBC Best Poster Award (Nursing)	Ms	Neo Yi Ling	Tan Tock Seng Hospital	GOLD	Tech-savvy technophiles?: Comparing hospital nurses' attitudes towards electronic medical record systems by their technological savviness
	Ms	Cheong Run Qi	Tan Tock Seng Hospital	SILVER	Effect of Skin Cleansers and Protectants in Preventing Skin Breakage in Incontinence-Associated Dermatitis – A Cluster Randomized Controlled Trial
	Ms	Lau Ling Li	Tan Tock Seng Hospital	BRONZE	The effectiveness of Community Health Team (CHT)-Inpatient ward-Agency of Integrated Care (AIC) / tripartite case discussion in developing care plans to aid transition from hospital to home.
	Ms	Angela Moh	Khoo Teck Puat Hospital	MERIT	Correlation of non-invasive fibrosis indices with liver stiffness measurement by transient elastography in type 2 diabetes across body mass index categories
	Ms	Kelly Lim	Tan Tock Seng Hospital	MERIT	Comparing incidence of peritoneal dialysis related infection between users of chlorhexidine versus non-chlorhexidine based hand wash, a single centre audit

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Singapore Primary Care Research Award (Poster)	Dr	Gabriel Wong	Hougang Polyclinic, NHG Polyclinics	GOLD	Understanding prescription incidences in primary care to target contributory factors: A descriptive study
	Dr	Ee Yang Zhi, Patrick	Yishun Polyclinic, NHG Polyclinics	SILVER	Lifestyle intervention counselling in newly diagnosed prediabetes patients in the primary care setting leads to increased appropriate follow-up glycaemic monitoring
	Dr	Ng Wei Liang David	Special Projects (Primary Care), NHG Polyclinics	BRONZE	Patient satisfaction with doctor video consultations for chronic disease management in National Healthcare Group Polyclinics
	Ms	Chan Cheuk Ying	Woodlands Polyclinic, NHG Polyclinics	MERIT	Psychosocial factors associated with caregiver burden among family caregivers of frail older adults with multimorbidity: A cross sectional study in primary care
	Ms	Christie Anna Money Samuel	Nursing Services NHG Polyclinics	MERIT	Factors Influencing Nurses' Perception of Web-based Continuing Professional Education for Meeting Learning Needs: A Cross-sectional Study in Primary Care