ADVANCING AS ONE

Medicine Academic Clinical Programme 2025



SingHealth DukeNUS
ACADEMIC MEDICAL CENTRE

MEDICINE

Singapore General Hospital

Changi General Hospital

Sengkang General Hospital

Eastern General Hospital

KK Women's and Children's Hospital

SingHealth Community Hospitals

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Foreword

Dear Colleagues,

The past two years have been a defining period for Medicine ACP. As we navigated a rapidly evolving healthcare landscape, we remained anchored by a clear long-term aim: to **develop talent**, **leverage technology**, and **build sustainable resources** in support of academic medicine. These three strategies shape how we train future generations, transform care delivery, and build a collaborative ecosystem where excellence can thrive. With these pillars guiding our work, we continue to sharpen our focus, not only responding to today's needs but actively shaping the healthcare of tomorrow.

At the core of our mission lies the unwavering commitment to develop and support our people. Across departments, our faculty members and educators have been honoured for their outstanding contributions to academic medicine. Clin Prof C Rajasoorya (2023), Clin Prof Ng Heng Joo (2024), Clin Prof Tay Yong Kwang (2025), and Clin Prof Tan Thuan Tong (2025) were inducted into the Duke-NUS Hall of Master Academic Clinicians, recognising their enduring impact in education, research, leadership, and clinical service. A/Prof Tan Lay Ling and Clin Asst Prof Deanna Lee were awarded the Outstanding Educator and Outstanding Young Educator Awards respectively at the 2024 AMEI Golden Apple Awards. At the National Medical Excellence Awards (NMEA) 2023, Prof Julian Thumboo was honoured with the National Outstanding Clinician Mentor Award, while in 2024, Prof Tan Ban Hock received the National Outstanding Clinician Award. Further reflecting our strength in research, Prof Jenny Low and Clin Asst Prof Ian Wee were awarded the Distinguished Researcher and Distinguished Young Researcher Awards at the 2024 SingHealth Excellence Awards. In 2025, Assoc Prof Charles Chuah, Senior Consultant, Haematology, SGH, received the Distinguished Researcher Award for his significant contributions to the field. We also celebrated the achievements of clinician-investigators and clinician scientists. Each of these recognitions represents the breadth of talent across our ACP and underscores our collective resolve to raise the bar in academic medicine.

In parallel, we continue to embrace technology as a powerful tool in delivering smarter, more patient-centred care. Across SingHealth institutions, clinical teams are harnessing innovation to redesign workflows and enhance patient safety. Notably, CGH's Smart Remote Monitoring of Vital Signs, developed in partnership with A*STAR spin-off Respiree, offers promising improvements in ward efficiency and monitoring accuracy. The CLEAR (Catheter Flow Restoration) initiative by SGH Renal Medicine similarly exemplifies how cross-setting collaborations can bring quality care directly into the community. As we prepare for the Epic rollout, we stand on the threshold of a more integrated and data-enabled future that will unify systems across the cluster and elevate the precision and coordination of our care.

These efforts are made possible through strong partnerships and a shared commitment to long-term sustainability. Philanthropy plays a crucial role in enabling new ideas to take root, supporting education, research, and innovation that ultimately improve patient care. In 2024, SGH launched the Ong Yong Yau Future of Medicine Fund to honour the remarkable legacy of Prof Ong Yong Yau, who retired after 57 years of public service. Prof Ong's leadership helped shape key departments such as Respiratory and Critical Care Medicine, Infectious Diseases, and Internal Medicine. His contributions in bioethics and public healthcare continue to resonate widely. The fund now serves as a meaningful platform to foster the next wave of clinician innovators and academic leaders, ensuring that his values and vision endure.

As I complete my second term as Academic Chair on 31 October 2025, I reflect with deep gratitude on what we have achieved and what lies ahead. Beyond advancing academic excellence, we must strengthen our role as a socially responsible healthcare institution. As one of the largest healthcare providers in the country, we are uniquely positioned to lead by example, to scale our community outreach efforts, champion more sustainable practices, and do our part in reducing the environmental footprint of healthcare. Looking forward, we must also press ahead in embracing innovation and AI, not only by developing new ideas but by accelerating adoption where it truly matters. These efforts will be essential in helping us remain agile, responsive, and impactful in meeting the evolving needs of our patients and communities, while also securing our place as a leader in shaping the future of healthcare.

It has been an honour to serve a community so deeply committed to academic and clinical excellence, especially through times of unprecedented change. I am confident that Prof Tan Thuan Tong, who will succeed me as Academic Chair of Medicine ACP and Chairman of the Division of Medicine, SGH, will continue to lead with strength, compassion, and a clear sense of purpose. A respected clinician and experienced academic leader, Prof Tan brings with him a deep understanding of our mission and a collaborative spirit that will serve the ACP and Division well. I look forward to seeing Medicine ACP reach even greater heights under his leadership.

Thank you all for your dedication, courage, and belief in the future of medicine.

Warm regards,
Assoc Prof Loo Chian Min
Academic Chair,
Medicine ACP



Our People



Joint Medicine ACP Council

L-R (standing)
Clin Asst Prof Kirsten Yeo, Clin Asst Prof Amanda Lam, Clin Asst Prof Sheryl Gan, Clin Assoc Prof Goh Su-Yen, Clin Assoc Prof Andrea Low, Clin Assoc Prof Warren Fong, Clin Asst Prof Deanna Lee, Clin Asst Prof Kek Peng Chin, Clin Assoc Prof James Li, Clin Asst Prof Cindy Ng, Clin Asst Prof Crystal Lim

L-R (seated)
Clin Assoc Prof Tham Chee Kian, Clin Asst Prof Angela Koh, Clin Prof Tan Thuan Tong, Assoc Prof Loo Chian Min, Clin Assoc Prof Ong Thun How, Clin Asst Prof Ong Eng Koon, Clin Assoc Prof Chionh Chang Yin

Not in picture
Prof Jenny Low, Asst Prof Tan Hong Chang, Asst Prof Lim Tze Peng, Asst Prof Shirin Kalimuddin, Clin Assoc Prof George Goh, Clin Asst Prof Dorothy Ng, Clin Asst Prof Orlanda Goh, Clin Assoc Prof Oh Choon Chiat, Clin Asst Prof Loh Wann Jia, Clin Asst Prof Cao Taige, Dr Lim Siew Hoon (SSN), Clin Assoc Prof Derrick Aw, Clin Asst Prof Sean Loh, APN Gan Peiying, APN Sri Rahayu Masjum, Clin Assoc Prof Tan Chieh Suai, Assoc Prof Marjorie Foo, Clin Assoc Prof Bee Yong Mong, Clin Assoc Prof Damien Tan, Clin Asst Prof Jessica Quah, Clin Asst Prof Lee Shan Xian, Clin Asst Prof Cheong May Anne, Clin Asst Prof Stanley Angkodjojo, Clin Asst Prof Martin Putera, Clin Asst Prof Aza Abdulmawjood Taha, Dr Li Fuyin, Dr Lee Puay Hoon, Dr Jonathan Seah, Dr Rachel Marie Towle, Ms Diana Goh, Dr Janet Ong, Clin Asst Prof Victoria Ekstrom, APN Joanna Phone Ko, Dr Sanjiv Nair Sasidharan, Clin Asst Prof Natalie Woong, Ms Phylaine Toh, Ms Stephanie Chan, Ms Estelle Ng, Prof Graham Matthews



Administrative Team



Clinical Service Improvement & Innovation Office



Education Office

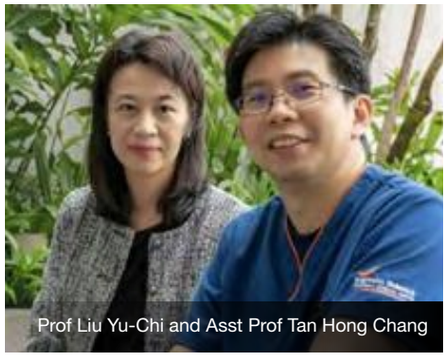


Research Office



Medical Humanities Office

In the Headlines



Prof Liu Yu-Chi and Asst Prof Tan Hong Chang

Singapore Trial Finding: Drug for Lowering Blood Fat Potentially Treats Diabetic Eye Condition

Published: The Straits Times - 30 March 2023

A ground-breaking clinical trial in Singapore reveals that fenofibrate — a low-cost drug commonly used to lower blood fat and cholesterol — may help counter diabetic neuropathy by reducing nerve inflammation, supporting nerve regeneration, and lowering lipid levels. Promising early results show it could offer a safer, far cheaper alternative to current treatments for preserving eyesight. A potential game-changer for millions of diabetic patients worldwide.

Read how this everyday pill could treat diabetic eye condition here.

Revolutionising Cancer Treatment via Cell and Gene Therapies

Published: CRIS - 1 March 2023

Cell and gene therapies (CGT) are revolutionising cancer care — and Singapore is quickly becoming Asia's CGT key leader. With cutting-edge clinical trials, regulatory approvals, and the opening of a state-of-the-art cell therapy facility, the country is pushing the boundaries of what's possible in treating previously incurable diseases. At the heart of this transformation is Dr Francesca Lim — a powerhouse bridging science, medicine, and innovation.

Discover how Singapore is reshaping cancer treatment here.



Revolutionising Cancer Treatment Via Cell and Gene Therapies (CGT)



Slight Drop in Vape Usage Among Teens, SGH Doctor Helps Tackle Addiction

Published: CNA - 29 July 2025

A CNA study reported a slight decline in vape usage in Singapore during Q1 2025, slowing a worrying upward trend. Four trade associations have been collaborating with social media influencers to encourage young people to quit vaping. Assoc Prof Anantham Devanand, Respiratory & Critical Care Medicine, SGH provided insights into how clinicians approach vaping cessation efforts.

Digital-twin tech for managing chronic kidney disease to be trialled in Singapore in early 2025

Published: The Straits Times - 7 August 2024

Singapore is embracing digital twin technology to manage chronic kidney disease in diabetic patients — and it's already in action at major hospitals and selected polyclinics. Powered by AI, the new HealthVector Diabetes model predicts kidney decline years in advance, helping doctors personalise treatment before it's too late.

See how virtual models are enabling smarter, proactive disease management here.



Digital-twin tech - Clin Assoc Prof Bee Yong Mong and Rinkoo Dalan



SGH doctors to use AI in making decisions on antibiotic prescription for pneumonia patients

Published: CNA - 20 Nov 2024

Singapore General Hospital is taking on antimicrobial resistance with an AI-powered system that could change how pneumonia is treated. The new Augmented Intelligence in Infectious Diseases (AI2D) analyses patient data to recommend the specific type and dosage of antibiotic — only when it's truly needed. Early trials are promising, and the tech may soon be rolled out for other infections too.

Find out how SGH is using AI to make smarter, safer medicine here.

SGH to lead $5.8m research project to combat deadly autoimmune disease

Published: The Straits Times - 23 May 2025

Singapore General Hospital is spearheading a $5.77M research effort to tackle systemic sclerosis — a life-threatening condition with no cure. The Sysmic Project aims to unlock personalised treatments for patients in Singapore who often suffer worse outcomes. Could a predictive algorithm change everything?

Read how scientists are racing to transform rare disease care here.



Clinical Service Improvement & Innovation

In today's rapidly evolving healthcare landscape, agility and innovation are essential. Our clinicians continue to lead the charge by pioneering transformative projects that challenge conventions and redefine standards of care—driving meaningful advancements in patient outcomes and service delivery.



PROJECTS

4-Dimensional Disease Outbreak Surveillance System (4D-DOSS)

Infection Prevention & Epidemiology and Department of Infectious Diseases (SGH) and Department of Cardiology (CGH)

The 4-Dimensional Disease Outbreak Surveillance System (4D-DOSS) is a pioneering digital twin project that integrates real-time data, machine learning, and predictive analytics to identify at-risk contacts and detect infectious disease clusters effectively. It incorporates virtual reality to simulate disease outbreaks, enhancing pandemic preparedness and resilience within the healthcare system. Jointly funded by various health innovation funds and developed by a multidisciplinary team from institutions such as SGH and Duke-NUS, 4D-DOSS has been operational in SGH since August 2024 and is being expanded to other hospitals like NHCS and CGH.

The Use of a Wearable Optoelectrical Skin Patch for the Treatment of Superficial Basal Cell Carcinoma

Department of Dermatology, SGH

A pilot clinical trial by SGH Dermatology, in collaboration with NUS Department of Materials Engineering and supported by the Innovation Seed Grant FY23 Cycle 1, is developing a wireless optoelectronic skin patch as an innovative photodynamic therapy (PDT) treatment for superficial basal cell carcinoma (BCC). The patch offers efficacy comparable to surgical excision and conventional PDT, while enabling eligible patients to self-administer treatment at home, improving accessibility, convenience, and time efficiency. This approach also provides cost savings of approximately $500 per patient. The initiative aims to enhance patient autonomy and experience through a flexible, home-based treatment option.

The ABxSG Mobile App Initiative

Department of Infectious Diseases, SGH



Antibiotic consumption in Singapore's Restructured Hospitals is high, with about 50% of admitted patients prescribed antibiotics, and nearly 20% of these prescriptions deemed inappropriate. The Antimicrobial Stewardship Unit (ASU) at SGH developed the ABxSG mobile app, launched in March 2023, which provides easy access to antibiotic guidelines and resources. Within nine months of its launch, ABxSG has led to a 2.83% reduction in inpatients on antibiotics, resulting in potential savings of USD $37,000 (drug cost) and 540 nursing hours. Pharmacy-related antibiotic interventions decreased by about 37 per month, optimising their time. As of June 2024, ABxSG has around 2,500 users across three institutions, and the hospital plans to expand the app's availability to maximise its impact on antibiotic management and healthcare costs.

Catheter Flow Restoration with Lytic DwEll at Community DiAlysis CentRe (CLEAR)

Department of Renal Medicine, SGH

This project received the Excellence Champion Award at the 2025 National Healthcare Innovation & Productivity Medals



In Singapore, many patients with end-stage kidney failure (ESKF) begin haemodialysis using a tunnelled haemodialysis catheter (THC). A common complication is catheter malfunction caused by thrombosis or fibrin sheath formation. Traditionally, restoring catheter function requires inpatient procedures in acute hospitals, leading to delayed dialysis, increased bed occupancy, higher costs, and inconvenience for patients.

To address this, SGH Renal Medicine partnered with the National Kidney Foundation (NKF), National Improvement Unit (NIU), and renal physicians from all public healthcare institutions (PHIs)—including Alexandra Hospital, Changi General Hospital, Khoo Teck Puat Hospital, National University Hospital, Ng Teng Fong General Hospital, Sengkang General Hospital, and Tan Tock Seng Hospital—to implement a national quality improvement project across 40 NKF community dialysis centres.

Two initiatives were introduced. BLAST (Blood flow, Locking solution, Anticoagulant, and Standardising Technique) promotes the use of anticoagulation solutions such as heparin or sodium citrate and positive pressure techniques to prevent clotting and blood reflux. CLEAR (Catheter flow restoration with Lytic dwEll at community diAlysis centRe) empowers community dialysis nurses to administer thrombolytic agents, enabling timely treatment of THC malfunctions on-site.



With continued support from NIU, NKF, and PHIs, the team aims to scale the project to more centres, increasing coverage of Singapore's haemodialysis population from 59% to 80% by 31 December 2024.

Community Therapeutics Programme (CTP)

Department of Rheumatology & Immunology, SGH

A three-year program, supported by Temasek Foundation, aims to enhance access to specialist therapeutics (subcutaneous injections and IV infusions) for rheumatology patients. Its key objectives include reducing waiting times for treatment, caregiver stress, and right-siting of care with Primary Care Partners. Phase 1, initiated in 2023, involved CTP nurses visiting patients' homes and expanding services to Tiong Bahru Community Health Centre. Phase 2 commenced in June 2024, with treatments also offered at Eunos SingHealth Polyclinic and extended to SGH Urology patients. As of June 2025, the program has onboarded four DOT GPs and scaled to SGH Gastroenterology and SGH Endocrinology. It continues to actively engage additional GPs and SingHealth Polyclinics to improve community access to health resources.

Keeping Gout in the Community – Reducing admissions for gout

Department of General Medicine (Rheumatology), SKH



In 2021, 18.1% of the 608 acute simple gout patients attending SKH ED were admitted. To address this growing concern, an Acute Gout Clinical Management Protocol was developed to standardise treatment and enhance care quality. With education and reminders, the protocol successfully reduced admissions from 18.1% to 11.1% of gout attendances in SKH ED, resulting in cost savings for patients and better access to care for other acute cases amid bed shortages.

Improving the effectiveness of COPD Action Plan amongst COPD patients in SKH

Department of Respiratory Medicine, SKH

Acute exacerbation of Chronic Obstructive Pulmonary Disease (COPD) is a leading cause of hospital admissions and deaths in COPD patients, making early identification and treatment crucial. Written COPD self-management plans can reduce hospitalisations, but many patients and caregivers find the current plan difficult to understand, highlighting the need for improvement. The project team created a pictorial COPD action plan, resulting in a 92.8% improvement in patients' knowledge scores. This intervention has empowered patients with the skills to self-manage COPD at home effectively.

EVENTS

Medicine ACP Innovation Session 2024

The webinar, held on 15 July 2024, aimed to spark innovative thinking, encourage interdisciplinary collaboration, and promote a sense of shared purpose among Medicine ACP stakeholders. The session featured Clin Asst Prof Jansen Koh, Senior Consultant and Head of the Department of Respiratory & Critical Care Medicine at CGH, who shared valuable insights from his experience developing the 3-Way Breathing Circuit Connector (3BCC).

The SingHealth Technology Incubator (SCOUT) Team, represented by Dr Danny Belkin, Ms Koh Siew Ying, and Dr Low Huiyu, provided an overview of SCOUT's role in fostering healthcare innovation. They demonstrated how they serve as a catalyst for translating cutting-edge research and innovative ideas into practical applications that enhance patient care and improve healthcare delivery.



Innovation in Healthcare: Engagement Session

On 18 February 2025, healthcare professionals from Medicine ACP convened at Sengkang General Hospital for this session, led by Clin Assoc Prof Chionh Chang Yin, aimed at fostering collaboration among clinicians and researchers in healthcare innovation.

The event featured two notable speakers:
Clin Asst Prof Indumathi Venkatachalam, Senior Consultant at SGH, shared her work on fungalAI, the COVID-19 disease registry, and the award-winning 4D-DOSS system.

Dr. Cheong Wai Chye, Deputy Director at SingHealth's Alice Lee Innovation Centre of Excellence (ALICE), introduced ALICE as a central hub for healthcare innovators. He described available support, including expertise and resources for developing and scaling innovations.

AWARDS

Medicine ACP QI Awards 2024



Medicine ACP QI Awards 2023



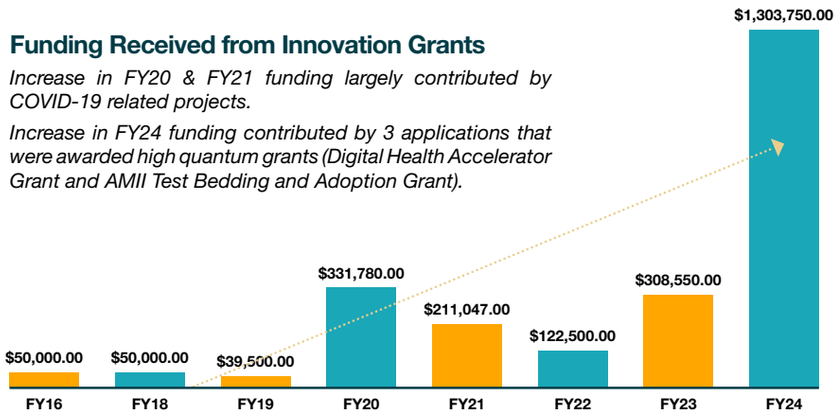
To view all other QI Awards, click here.

STATISTICS

Funding Received from Innovation Grants

Increase in FY20 & FY21 funding largely contributed by COVID-19 related projects.

Increase in FY24 funding contributed by 3 applications that were awarded high quantum grants (Digital Health Accelerator Grant and AMII Test Bedding and Adoption Grant).



** Data includes applications for CSI Support Main Grant, Innovation Seed Grant, SingHealth Duke-NUS COVID-19 Innovation Grant, AMII Test Bedding and Adoption Grant, and Digital Health Accelerator Grant.*

CLINICIAN PROFILES



Clin Assoc Prof Goh Su-Yen
Deputy Vice-Chair, CSII Office. Group Director, Innovation and Transformation, SingHealth.
Head, SingHealth-Duke Diabetes Centre. Senior Consultant, Endocrinology, SGH

A/Prof Goh focuses on enhancing patient care, operational efficiency, and staff development. A long-time SGH clinician since her PGY3 days, she now leads digital health and innovation efforts across SGH and SingHealth, championing "phygital" solutions that blend technology with human connection.

She led the Department of Endocrinology to international recognition by the International Diabetes Federation in 2017, and to Newsweek's Top Diabetes and Endocrinology Centres list in 2021. She also pioneered telemedicine and established Singapore's first point-of-care 3D Printing Centre.

Her approach to diabetes care has evolved from multidisciplinary teams and patient self-management to addressing care fragmentation and implementing person-centred, value-driven models aimed at achieving "systemness" and reducing disparities.

A dedicated mentor, she champions her mentees by creating opportunities and advocating for their growth. She believes in the power of "just showing up" and serving as a launching board for their development.



Clin Assoc Prof Chionh Chang Yin
Director, Innovation, CSII Office. Division Chair, Medicine, CGH

A/Prof Chionh joined CGH in 2010 as the sole nephrologist, driven to build an in-house Renal Medicine service. Despite a heavy scope, he established general nephrology, acute dialysis, and expanded dialysis services, improving kidney care access for patients in eastern Singapore.

He is passionate about clinical excellence, innovation, and data-driven decision-making, and is currently exploring AI in healthcare. A key focus is strengthening systems to meet rising demands from an ageing population and increasing illness complexity.

Balancing generalist and sub-specialist roles within his team, he remains committed to supporting long-term clinician growth.

Recognised with the 2023 National Day Awards, Public Administration Medal (Bronze) and the SingHealth GCEO Outstanding Clinician Award, A/Prof Chionh continues to upskill and innovate to stay relevant to evolving population and workforce needs.



Clin Assoc Prof James Li Weiquan
Director, Quality Improvement, SKH

A/Prof Li leads efforts to strengthen system-level quality improvement (QI) across SingHealth, integrating QI into clinical and academic missions. A key part of his role is mentoring younger staff from diverse disciplines to build a robust innovation pipeline.

He champions value-based care to optimise resources and deliver consistent, high-quality outcomes amid rising healthcare costs. Drawing from prior experience at CGH, he believes this approach will future-proof Medicine ACP's services.

He also drives cross-institutional collaboration to scale successful projects, supports resident learning through funding and recognition, and sees QI as a way to empower staff and transform care environments.

A/Prof Li implemented the Sunrise Clinical Manager Electronic Handover system in SGH and TigerConnect in CGH, initiatives that improved safety, reduced call volume, and enhanced communication.

Professionally trained in advanced endoscopic procedures, he is also exploring the application and limitations of AI in gastroenterology, using QI tools like balance measures to guide evaluation.

PLANS & PRIORITIES



Clin Prof Tan Thuan Tong
Vice Chair, Clinical Service Improvement & Innovation (CSII)

The healthcare landscape is evolving at an unprecedented pace. A new electronic medical record (EMR) system is on the horizon, artificial intelligence is rapidly advancing, our patients are ageing, and the cost of care continues to rise. Yet, with these challenges come opportunities, new technologies, and best practices are more accessible than ever. Medicine ACP is well-positioned to weave these elements together, harmonising clinical processes, scaling quality improvement, and driving innovation to ensure we remain future-ready.

FOSTERING A CULTURE OF CONTINUOUS INNOVATION

The CSII Office will strengthen innovation efforts within Medicine ACP by cultivating an ecosystem where ideas can thrive. Annual Innovation Engagement Sessions will inspire and connect clinicians across SGH, CGH, and SKH, while aspiring innovators will be guided towards grants, collaborators, and resources to transform ideas into impactful solutions. Talents will also be nurtured through mentorship and conference sponsorships to support promising projects.

SCALING QUALITY IMPROVEMENT ACROSS INSTITUTIONS

With emerging technologies like AI and advanced data systems, the upcoming EMR will serve as a launchpad for smarter workflows, predictive care, and integrated population health strategies. The CSII Office will focus on reviewing and scaling meaningful quality improvement projects across SGH, CGH, and SKH, fostering a "one systemness" approach. Multidisciplinary reviews will help prioritise impactful solutions for wider adoption, while Quarterly QI Masterclass sessions will build capabilities and spark new interest among clinical teams.

As care complexity rises, the convergence of innovation, AI, and digital transformation presents a unique opportunity to redefine how we deliver care. By embedding new technologies, best practices, and a culture of continuous improvement into daily practice, we will build a connected, efficient, and patient-centred system. Medicine ACP's focus on innovation and system improvement will prepare our people for transformational change, ensuring sustainable, high-value care for future generations.

Education

Medical education is where clinical training meets mentorship. It supports students in their first patient encounters and guides residents as they grow into specialists. This academic environment nurtures future doctors while investing in educators through faculty development. Dedicated teachers foster clinical excellence, shape attitudes, and inspire the next generation of healthcare leaders.



EVENTS

Senior Residency Orientation

The Medical Subspecialty Senior Residency Orientation briefings continued virtually via Zoom in 2023 and 2024. In 2023, 68 Internal Medicine graduates matched into various Senior Residency programmes, achieving an 86.08% match rate, supported by future Associate Consultant positions at the upcoming Eastern General Hospital (EGH). In 2024, 50 residents matched (80.65%), while 54 residents secured their subspecialty training spots for 2025, reflecting an 88.71% rate.

At each orientation, Prof Tan Hak Koon, Designated Institutional Official (DIO), delivered the welcome address to incoming residents. The comprehensive programme included presentations on Research and Clinician Scientist Track, overviews of General Medicine and Geriatric Medicine, introduction to the Senior Resident Committee, the 6 Focus Areas of Resident Clinical Learning Environment, Quality Improvement Matters, and the Medicine ACP QI Education Programme. Faculty and current Senior Residents shared valuable insights throughout the sessions.

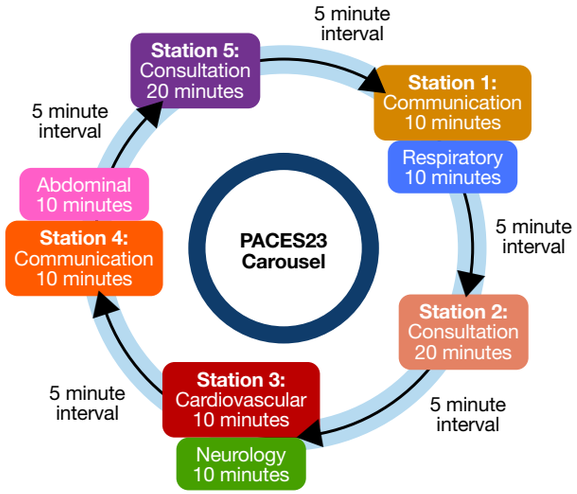
Residency QI Certification: Empowering Improvement

The Medicine ACP Quality Improvement (QI) Certification platform allows residents to present their QI projects as training milestones. Resident teams showcase their work to the ACP's QI panelists, receiving crucial feedback and certification.

Held online every April and October, these sessions foster a culture of quality and continuous improvement in clinical education. They enable residents to demonstrate their grasp of quality improvement methodologies while tackling real-world healthcare challenges.

Preparing for PACES23: New Format, Faculty Engagement, and Mock Exams

With the introduction of the PACES23 format in Singapore in 2024, Medicine ACP launched initiatives to familiarise candidates and faculty with the updated examination structure. Key changes include revised station sequencing, realistic clinical consultations, and assessment criteria that emphasise communication and physical examination integration.





To prepare for these changes, the PACES23 Introduction Course was held on 5 September 2023 in collaboration with the College of Physicians, Singapore. Led by UK examiner Dr Mo Aye, the session provided physicians and residents from SingHealth, NHG, and NUHS with hands-on exposure to Stations 2 and 5.

On 23 April 2024, a webinar titled "*What a PACES Tutor Needs to Know*" was organised for Senior Residents and faculty. Dr Sheryl Gan, Programme Director of Internal Medicine Residency Programme highlighted structural changes, while Prof Chan Choong Ming, host examiner for SGH MRCP Examination, shared examiner expectations and coaching strategies.

Medicine ACP conducted PACES Mock Exams on 11 May 2024 (new format) and 20 May 2023 (previous format), each involving 20 candidates. A/Prof Loo Chian Min also briefed faculty on calibration standards to ensure marking consistency.

Annual mock exams will continue to be a key component of candidate preparation, providing realistic practice and valuable feedback.



Internal Medicine Residency Procedural Courses

The Internal Medicine (IM) Residency Programme conducts R3 Refresher Courses from March to June each year to prepare graduating residents for their roles as Senior Residents (SR). The training focuses on medium-risk procedures and night call duties, reinforcing skills needed for independent practice and leadership in high-stakes situations.

Faculty from various subspecialties assess procedural competency through simulation-based tests, providing a safe environment to refine skills and build confidence. This initiative ensures R3s are ready to manage complex cases and support junior colleagues during clinical duties.

Accreditation of Postgraduate Medical Education Singapore (APMES)

The Accreditation of Postgraduate Medical Education Singapore (APMES) marks a significant milestone in Singapore's medical education landscape. This locally developed accreditation framework represents our commitment to maintaining excellence while ensuring our training programmes are contextualised to Singapore's healthcare needs.

As Singapore transitions residency training from ACGME-I to APMES, our residency programmes have started site visits under the new framework. In 2024, three residency programmes received positive outcomes: Internal Medicine and Advanced Internal Medicine earned a 3-year Periodic Accreditation, while Rehabilitation Medicine achieved 7-year Continued Accreditation. Four subspecialty programmes - Infectious Diseases, Renal Medicine, Rheumatology, and Gastroenterology - underwent site visits in 2025 and received outstanding results, with all four programmes achieving 7-year Continued Accreditation with nil citations.

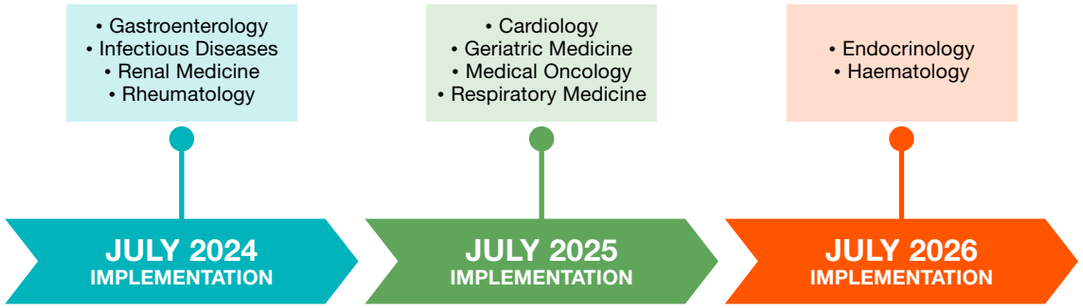
These successful outcomes demonstrate that our transition to a locally developed framework maintains the high standards of postgraduate medical education while better serving Singapore's healthcare needs.

Competency-Based Training with EPAs

Competency-based medical education through Entrustable Professional Activities (EPAs) represents a significant advancement in postgraduate medical training. EPAs provide clear definitions of competencies that medical professionals must achieve at different stages of their training, with carefully aligned assessments to measure training outcomes. This approach fosters a more learner-centred environment and facilitates timely feedback, ultimately supporting the development of trainees into stronger family physicians, hospital clinicians, and specialists.

To advance Singapore's Competency-Based Medical Education (CBME), the Internal Medicine Residency Programme implemented EPAs for the July 2023 R1 intake. Programme Director, Dr Sheryl Gan, led two online briefing sessions in May and June 2023 to prepare 114 faculty members for the transition. The sessions covered revised assessment forms, progression criteria, and practical evaluation scenarios. Supporting materials were made available on Infopedia, and departments were encouraged to request in-person sessions as needed.

The implementation timeline for Medicine and Medical Subspecialties is as follows:



SingHealth Medical Subspecialty Career Day (2023/2024)

The annual SingHealth Medical Subspecialty Career Day continues to serve as a vital platform for Internal Medicine residents exploring their subspecialty options. The events, held on 15 July 2023 and 6 July 2024, each drew nearly 100 participants, predominantly Internal Medicine residents eager to chart their career paths.

Featuring 17 programme booths, these career days offered residents valuable opportunities to engage directly with faculty and current trainees across various subspecialties. These interactions provided firsthand insights into training pathways and daily clinical experiences. The Internal Medicine Residency programme also maintained a presence at the concurrent Career Day for junior doctors, showcasing its comprehensive training structure and diverse career pathways.



Becoming a Clinician Educator – The GNOME Initiative

The "*Guiding New Faculty Onwards as Medical Educators*" (GNOME) talk on 2 November 2023 provided valuable guidance for faculty interested in the Clinician Educator Track. Led by Clin Assoc Prof Nigel Tan and Clin Assoc Prof Andrew Ong, the session outlined the roadmap to becoming a clinician educator, focusing on scholarly teaching, mentorship, community practice, and faculty development.

During the session, A/Prof Ong introduced an innovative "education shoebox" concept for tracking teaching contributions and shared an online resource hub. A/Prof Tan emphasised three key roles: engaging educator, active faculty participant, and programme leader, encouraging faculty to seize opportunities to secure protected education time. The initiative resonated strongly with participants, drawing interest not only from physicians but also from nursing and allied health professionals.

SingHealth Duke-NUS Education Conference 2024

Reflections by Clin Asst Prof Deanna Lee, Senior Consultant, Internal Medicine, SKH

Themed "*Elevating Healthcare Education, Empowering Healthcare Educators*," the SingHealth Duke-NUS Education Conference 2024 brought together over 1,000 delegates from Singapore, Australia, South Korea, Taiwan, and beyond. This biennial event provided a dynamic platform for healthcare educators to exchange ideas, share best practices, and explore innovative approaches to advancing healthcare education.

Over two days, delegates participated in lectures, workshops, and symposiums covering topics such as faculty development, educational scholarship, and strategies to enhance teaching effectiveness.

Dr Lee co-facilitated a pre-conference workshop with Clin Assoc Prof Nigel Tan, Clin Assoc Prof Andrew Ong, and Clin Assoc Prof Jason Chang on building educator portfolios for academic promotion. The session provided practical strategies to simplify the process, recognising portfolio development as a milestone that reflects contributions to healthcare education and systems improvement.

The conference featured thought-provoking keynote and plenary sessions. Highlights included:

- Prof Maria Athina (Tina) Martimianakis on professional identity formation.
- Prof Simon Collingwood Kitto on professional cultures and collective competence.
- Assoc Prof Subha Ramani on educator development.
- Prof Vishna Devi V. Nadarajah on institutional support for educators.

A workshop on transforming educational activities into impactful publications, led by Prof Maria, Dr Foo Yang Yann, A/Prof Raymond Goy, and A/Prof Ong, resonated



strongly with Dr Lee. It emphasised the importance of educational scholarship and provided practical strategies to elevate academic rigour.

Dr Lee also contributed to a symposium addressing bias and discrimination in healthcare education, alongside local and international experts. The session examined how DEI-related biases affect patient care and learning outcomes and explored culturally relevant strategies to foster inclusive learning environments.

Beyond formal sessions, the conference offered an opportunity for the "Meducator" community of practice to meet in person. This informal group, started by A/Prof Ong, brings together educators across the SingHealth Duke-NUS Academic Health System. The gathering reinforced the community's shared identity and commitment to supporting one another in their academic journeys.

The conference was a meaningful reminder of the vital role education plays in healthcare excellence. Dr Lee expressed gratitude for the opportunity to contribute, learn, and be part of a community committed to elevating healthcare education.

EduSPARKS: Enhancing Faculty Development in Medical Education

Medicine ACP has launched EduSPARKS, a faculty development programme aimed at enhancing educational capabilities among physician educators. Building on lessons from the McMaster programme, EduSPARKS adopts a flexible hybrid learning model structured around four modules:



1. Solving Education with Learning Theories
2. Feedback Mastery: Inspiring Growth Through Reflective Practice
3. Understanding Assessment in Medical Education
4. Re-humanising the Doctor-Patient Relationship

The programme focuses on three key values for healthcare educators: Design, Engagement, and Assessment. Each module blends in-person sessions with online learning, including readings and facilitated discussions, designed to be completed within 4–8 weeks.

The inaugural Module 1 concluded with 12 participants earning AMEI Level 2 certification in Designing & Planning Learning (DPL) and Teaching & Facilitating Learning (TFL). EduSPARKS continues to equip faculty with practical skills that can be directly applied to their teaching roles.

AWARDS

AMEI Golden Apple Awards

(2024) OUTSTANDING EDUCATOR AWARD



Clin Assoc Prof Tan Lay Ling
Senior Consultant, Psychological Medicine, CGH

A/Prof Tan demonstrated exceptional dedication as a clinician-educator, excelling in teaching and mentoring across healthcare professions. Her impactful contributions to undergraduate and postgraduate education, leadership in curriculum development, and commitment to advancing mental health education earned her the Outstanding Educator Award.

(2024) OUTSTANDING YOUNG EDUCATOR AWARD



Clin Asst Prof Deanna Lee Wai Ching
Senior Consultant, Internal Medicine, SKH

Dr Lee contributed over 100 teaching hours annually across institutions and demonstrated strong leadership in curriculum development and mentoring. Recognised by 93 Best Teacher Award nominations, her commitment to nurturing future healthcare professionals earned her the Outstanding Young Educator Award.

(2023) GENERATIVITY AWARD FOR EDUCATORS



Clin Assoc Prof Wong Kok Seng
Senior Consultant, Renal Medicine and Internal Medicine, SGH

(2023) OUTSTANDING EDUCATOR AWARD



Dr Li Fuyin
Senior Nurse Clinician, Advanced Practice Nurse, CGH

AMEI Education Grants

(2024) SKH

Exploring the Perceived Status and Common Enablers of Psychological Safety in Healthcare Education Teams From the Viewpoints of Medical Students, Trainees, and Faculty: A Mixed Method Study

Principal Investigator:
Clin Asst Prof Tang Chao Tian

Co-Investigator/Project Members:
Dr Dong Chaoyan &
Clin Asst Prof Deanna Lee Wai Ching

(2023) SGH

The Use of an E-Learning Platform to Enable Healthcare Professionals to Conduct an Effective Comprehensive Geriatric Assessment

Principal Investigator:
Clin Asst Prof Ng Qiao Ming Rachel

Co-Investigator/Project Members:
Dr Angela Frances Yap Hui Wen,
Dr K Sri Karpageshwary,
Dr Huang Xiaoting

(2023) SGH

A Blended Approach to Enhance Residents' Learning Experience in Critical Care Nephrology

Principal Investigator:
Clin Asst Prof Liew Zhong Hong

Co-Investigator/Project Members:
Clin Asst Prof Manish Kaushik,
Assoc Prof Tan Han Khim,
Ms Ng Li Choo,
Ms Veronica Lew

(2023) SGH

Exploring Emotional Regulation and the Hidden Curriculum in Resident Teachers in Medicine

Principal Investigator:
Dr Huang Xiaoting

Co-Investigator/Project Members:
Dr Loo Teck Wee Wesley

ACP Programme Grants (Education Support)

(FY2025) CYCLE 1

Enhancing Clinical Reasoning Skills with AI

Principal Investigator:
Dr Francine Tan Chiu Lan & Dr That Khaing Zin (SKH)

(FY2024) CYCLE 2

Improving Education of Lipoprotein(a) and Lipids using LILAC technique

Principal Investigator:
Clin Asst Prof Loh Wann Jia (CGH)

SingHealth Excellence & GCEO Awards

(2023)

DISTINGUISHED EDUCATOR



Clin Assoc Prof Andrew Ong Ming Liang
Senior Consultant, Gastroenterology and Hepatology, SGH

OUTSTANDING EDUCATOR



Clin Assoc Prof Jason Chang Pik Eu
Senior Consultant, Gastroenterology and Hepatology, SGH

Residency in SingHealth Excels (Rise) Awards

(2024)

BEST MEDICAL SUBSPECIALTY PROGRAMME & MOST IMPROVED MEDICAL SUBSPECIALTY PROGRAMME

Renal Medicine Senior Residency

TOP 5 CHIEF RESIDENTS

Dr Huang Xiaoting
Associate Consultant, Geriatric Medicine, SGH

(2023)

BEST ACGME BEST ACGME-I PROGRAMMES AWARD (3RD CONSECUTIVE YEARS)

Endocrinology Senior Residency Programme

MOST IMPROVED ACGME-I PROGRAMMES AWARD

Internal Medicine Residency Programme

MOST IMPROVED ACGME-I PROGRAMMES AWARD

Geriatric Medicine Senior Residency Programme

MOST IMPROVED JCST PROGRAMMES AWARD

Rehabilitation Medicine Senior Residency Programme

PROGRAMME DIRECTOR AWARD

Recognised for passion and dedication toward Graduate Medical Education (1 July 2017 – 30 June 2023)

Clin Assoc Prof Tham Chee Kian
Internal Medicine Residency Programme, SingHealth Residency

SPECIAL COMMENDATION AWARD

For leading the implementation of Entrustable Professional Activities (EPAs) and advancing faculty development in SingHealth

Clin Assoc Prof Andrew Ong Ming Liang
Programme Director, Gastroenterology, SingHealth Residency

To view all other Education Awards, click here.

CLINICIAN PROFILES



Dr Huang Xiaoting
Associate Consultant, Geriatric Medicine, SGH

"Older adults carry not only complex medical conditions but also rich life stories." This observation during her early clinical years sparked Dr Huang's journey into geriatric medicine. Now, as an Associate Consultant in Geriatric Medicine at Singapore General Hospital, she dedicates herself to supporting ageing-in-place and preventing cognitive and functional decline, while actively shaping educational programmes for medical trainees.

Her commitment to holistic care has led her to explore crucial yet often overlooked aspects of geriatric health. Currently pursuing a Master's in Sleep Medicine at the University of Oxford, Dr Huang investigates how sleep disturbances impact cognitive health, falls risk, and frailty in older adults - insights she hopes to translate into meaningful improvements in patient care.

This vision of comprehensive geriatric care comes to life in projects like the Integrated Seniors' Health and Wellness Hub, where multidisciplinary teams proactively support older adults through frailty screening, health coaching, and social prescribing. Another initiative close to her heart is TriGen@SGH HealthStart, which pairs youth volunteers with older adults in the outpatient setting. "Seeing young people learn from seniors—and vice versa—has been one of the most rewarding parts of my career so far," she reflects.

Dr Huang tackles one of geriatric medicine's fundamental challenges - ageism - by creating meaningful intergenerational connections. Through structured inpatient volunteering programmes, she brings youth into geriatric wards, fostering empathy and challenging stereotypes. "You don't grow old by losing your youth—you grow old by losing your audience," she notes, emphasising her commitment to building a more age-inclusive healthcare culture.

Her approach to mentorship mirrors her clinical philosophy - creating safe, collaborative spaces where questions are welcomed and mistakes become learning opportunities. While her contributions have earned her recognition, including the Medicine ACP Junior Educator Award and Top 5 Chief Residents Award, Dr Huang remains focused on her ultimate goal: contributing to a healthcare system where both patients and learners feel seen, heard, and valued. As one of her patients wisely noted, "Growing old isn't for the faint-hearted" - a challenge she embraces both clinically and personally.



Dr Nigel Fong Jie Ming
Associate Consultant, Renal Medicine, SKH

With genuine enthusiasm, Dr Fong describes his love for nephrology's diverse challenges - from the intellectual pursuit of understanding glomerulonephritis to the systems approach of peritoneal dialysis and the "geeky" world of tubules and electrolytes. This breadth of interest extends naturally beyond clinical work to encompass medical education, law/ethics, and public policy.

This comprehensive approach shapes his vision of a master clinician. "It's someone who can solve the diagnostic dilemmas that stump others," he explains, "and integrate care for the multi-comorbid patient with 10 appointments, 20 diagnoses, and 30 medications." Yet technical expertise alone isn't enough - Dr Fong emphasises the importance of being able to both lead resuscitation efforts and provide gentle end-of-life care, while knowing when to step back and nurture junior colleagues' growth.

Among his most meaningful contributions is his dedication to medical education, particularly in supporting struggling residents. Through his work in remediation, he has helped create a sustainable support system that addresses both psychological barriers and skill gaps, enabling residents to overcome challenges and progress in their careers. This commitment to nurturing medical talent has created lasting impact beyond individual successes.

His holistic perspective extends to his clinical practice as a nephrologist. While acknowledging Singapore's advanced capabilities in keeping patients alive, he thoughtfully addresses the burden of treatment on patients' lives. His approach emphasises prevention, individualised care, and careful consideration of treatment goals - always keeping the patient's quality of life at the forefront.

His mentorship philosophy centres on understanding each junior doctor's unique journey. Through guided reflection on challenging clinical scenarios, he helps the junior doctors find deeper meaning in their practice and develop their professional identity. This approach has proven particularly valuable in helping mentees navigate the complexities of modern medical practice, creating ripples of positive change that extend far beyond the immediate mentor-mentee relationship.

PLANS & PRIORITIES



Clin Assoc Prof Ong Thun How
Vice Chair, Education

Building on our foundation of educational excellence, the Medicine ACP Education Office has identified three key priorities to guide our next phase of development: enhancing residency training, strengthening accreditation readiness, and improving the student experience.

ENHANCING RESIDENCY TRAINING

We are embarking on initiatives to better prepare our residents for the future of healthcare. One major effort is the introduction of Residency Plus programmes, starting with a track in Data Science and Artificial Intelligence. All residents will receive foundational training, while those with interest and aptitude will be supported to further develop their skills. This will build digital literacy and equip our clinicians for an increasingly data-driven healthcare landscape. At the same time, we are placing greater emphasis on improving the quality of resident-led QI projects. By shifting focus from volume to value, we aim to encourage meaningful improvement efforts that create real system impact.

STRENGTHENING ACCREDITATION READINESS

Maintaining high standards in training remains a central focus. Following the recent APMES reviews, Gastroenterology, Renal Medicine, Rheumatology, and Infectious Diseases programmes achieved seven-year accreditations. This builds on our earlier successes where Rehabilitation Medicine received seven-year continued accreditation, and Internal Medicine and Advanced Internal Medicine earned three-year accreditations. The Education Office is working closely with programme leads preparing for the next cycle of site visits in 2026 and 2027, building on these strong accreditation outcomes.

IMPROVING THE STUDENT EXPERIENCE

Creating a positive and enriching learning environment for students continues to be a core priority. To enhance engagement, we are introducing initiatives such as appointing resident mentors, maintaining regular touchpoints with the Vice Chair and clinical coordinators, and establishing a real-time feedback channel to address concerns promptly. These efforts aim to foster a smooth and supportive learning experience across all clinical postings.

The Education Office remains committed to evolving with the needs of our learners and faculty, while upholding the quality and impact of medical education within Medicine ACP.

Research

The Medicine Academic Clinical Programme (ACP) Research Office champions the growth of clinician scientists, investigators, and health services researchers. By embedding research into clinical care and education, we strive to push the frontiers of medical science and deliver evidence-based innovations that improve lives.



PROJECTS

mRNA SARS-CoV-2 Vaccination Before vs. During Pregnancy and Omicron Infection Among Infants

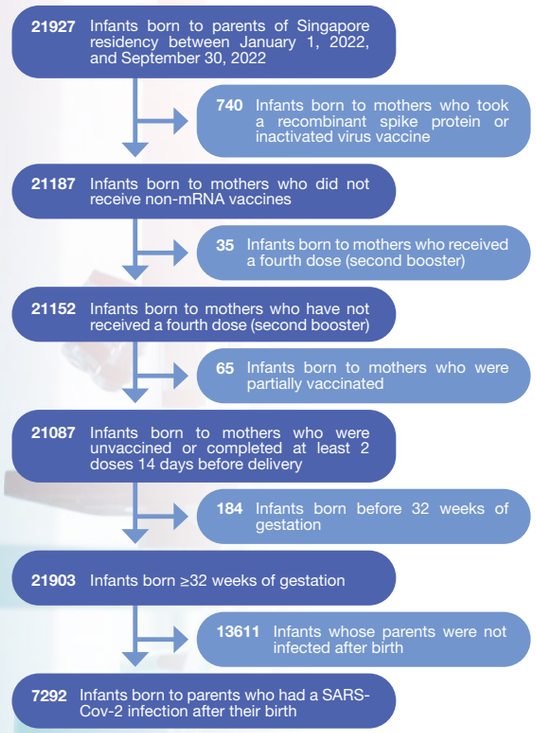


Clin Asst Prof Orlanda Goh
Principal Investigator Consultant, Internal Medicine, SGH

This paper was published in the Jama Network Open on 10 November 2023.

Authors: Orlanda Goh, MB, BS, MPH; Deanette Pang, BSocSc; Janice Tan, BSocSc; David Lye, MB, BS; Chia Yin Chong, MMed; Benjamin Ong, MMed; Kelvin Bryan Tan, PhD; Chee Fu Yung, MBChB

A national cohort study in Singapore (Jan 2022–Mar 2023) examined whether maternal mRNA COVID-19 vaccination protects infants under 6 months from Omicron variants, including XBB. Among 7,292 infants exposed to parental infection, vaccination during pregnancy was linked to a 42% reduction in infant infection risk. No protection was seen if vaccination occurred before pregnancy. These findings highlight the importance of maternal vaccination timing to confer passive immunity, particularly as no vaccines are approved for this age group. The results support ongoing public health efforts to encourage vaccination during pregnancy amid global hesitancy.





Skin@GoPrime – Skin Knowledge via Innovative Nurturing

Project by: Clin Assoc Prof Oh Choon Chiat, Senior Consultant, and Dr Shashendra Aponso, Consultant, Dermatology, SGH





Gamification is an emerging educational approach that incorporates elements of gameplay, such as challenges, scoring, and interactivity, into learning environments to improve motivation, engagement, and retention. In medical education, gamification has shown promise as a supplement or even alternative to traditional didactic methods. This is particularly relevant in dermatology, where the growing burden of skin cancers necessitates early and accurate diagnosis.

Dermoscopy, a non-invasive technique for examining skin lesions at high magnification, has become a key tool in skin cancer detection. However, many physicians lack adequate training in its use due to limited exposure and formal instruction. To address this gap, A/Prof Oh and Dr Aponso developed SKIN@GoPRIME, a smartphone-based educational platform that uses gamified learning to teach dermoscopy skills more effectively.

In a pilot study involving 30 physicians, participants were randomly assigned to either watch a traditional online dermoscopy lecture or use the SKIN@GoPRIME app. Twenty-eight participants completed both pre- and post-learning quizzes and submitted user feedback.

Results showed that SKIN@GoPRIME users achieved a statistically significant mean score improvement of 1.71 points ($p = 0.0018$). Additionally, 83% reported that the app helped them acquire clinical competencies relevant to their roles.

These findings suggest that SKIN@GoPRIME is an effective and engaging tool for delivering dermoscopy education. Further research with larger sample sizes is recommended to evaluate the broader applicability of gamified learning in dermatology training and other areas of medical education.

Discordance Between Self-Reported and Performance-Based Physical Function in Patients Who Have Knee Osteoarthritis: Associations With Pain Intensity and Negative Affect



Asst Prof Pua Yong Hao
Senior Principal Physiotherapist, Physiotherapy, SGH

This paper was published in The Journal of Arthroplasty in September 2023.

Authors: Yong-Hao Pua, PhD; Bryan Yijia Tan, MD; Juanita Low, BPhty; Ee-Lin Woon, BPhty; Seng-Jin Yeo, MD; Ross A. Clark, PhD; Janet P. Bettger, ScD; Michelle J. Pereira, PhD; Chun-Yue Tan, BS; Julian Thumboo, MD

Self-reported measures of physical disability are widely used to guide eligibility for total knee arthroplasty (TKA) in knee osteoarthritis, but patients may report greater disability than is objectively observed. This study examined whether pain and negative affect, specifically anxiety and depression, were associated with such discordance.

Cross-sectional data from two randomised rehabilitation trials involving 212 patients were analysed. Patients were assessed for pain, anxiety, and depression. Self-reported physical function was measured using the WOMAC index, while objective performance was assessed with timed gait and stair tests. Discordance scores were calculated as percentile differences between WOMAC and performance-based measures (WOMAC–PPM).

Approximately 25% of patients had >20 percentile units of discordance. Bayesian regression showed a >99% probability that pain was positively associated with discordance. Among patients awaiting TKA, anxiety also showed a 99% probability of positive association, with >65% likelihood of exceeding 10 percentile units. Depression showed a lower probability of association.

Findings suggest that pain and anxiety, but not depression, may contribute meaningfully to inflated self-reported disability. Validating these findings could refine patient selection criteria for TKA.

Advancing Vascular Health: Sirolimus Drug-Coated Balloon vs. Stent Graft in the SUSTAIN Trial



Clin Asst Prof Tan Ru Yu
Senior Consultant, Renal Medicine, SGH

Project by: Clin Asst Prof Tan Ru Yu, Senior Consultant, Renal Medicine, SGH

Graft vein junction stenosis, largely caused by neointimal hyperplasia, is a key contributor to arteriovenous graft (AVG) failure. While percutaneous transluminal angioplasty (PTA) with stent grafts has improved patency outcomes over PTA alone, high cost and specialised deployment remain limiting factors.

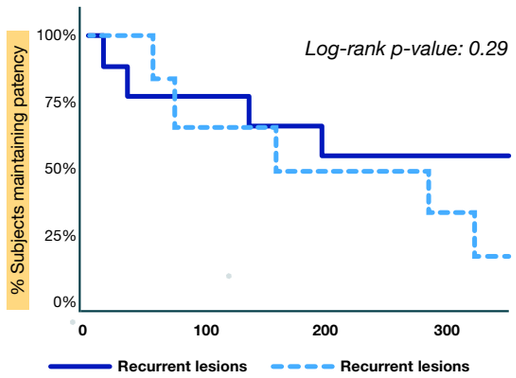
The SUSTAIN trial (Sirolimus drug-coated balloon versus Stent graft for thrombosed Arteriovenous graft) is a randomised controlled study comparing sirolimus drug-coated balloons (DCBs) to stent grafts in 100 patients with thrombosed AVGs. Participants are randomised to either treatment following successful pharmacomechanical thrombolysis.

DCBs offer a potentially transformative solution, cost-effective and deployable without specialised expertise, making them a promising alternative to stent grafts in clinical settings.

The trial's primary objective is to compare 6-month access circuit patency between the two treatments. Secondary objectives include evaluating long-term durability and cost-effectiveness over 12 months.

As the study progresses, SUSTAIN may reshape treatment strategies for AVG thrombosis, broadening access and improving outcomes for patients with end-stage kidney disease.

Kaplan-Meier durvival estimates of access circuit primary patency



EVENTS

Dr Neil Surana's Visit: Fostering Academic Collaboration and Innovation

From 24 to 30 October 2024, Medicine ACP (MedACP) and Paediatrics ACP (PaedsACP) were honoured to host Assistant Professor Neil Surana from Duke University as an Academic Visitor. A leading expert in paediatric infectious diseases, molecular genetics, and microbiology, Dr Surana specialises in gut microbiome research. His joint appointment with MedACP and PaedsACP in 2025 marks a significant step toward deeper academic collaboration.

Dr Surana's visit began with a keynote address at the SingHealth Duke-NUS Infectious Diseases Research Institute (IDRI) Annual Scientific Retreat, where he presented "*Exploiting the Microbiome to Prevent Infectious Diseases*," sharing innovative strategies that inspired both clinicians and researchers.

During his week in Singapore, Dr Surana met with MedACP leadership and engaged in dialogue with clinician researchers, residents, and house officers across various specialities. He offered valuable insights on research excellence, academic development, and interdisciplinary collaboration.

He also provided feedback on ongoing projects in specialised research areas, including inflammatory bowel disease, rheumatology, hepatology, and metabolic disorders. These sessions offered an opportunity for academic and clinical teams to benefit from his expertise in microbiome science and research mentorship.

Dr Surana's visit laid a strong foundation for future initiatives, strengthening cross-institutional ties and fostering innovation in research and education.







Engagement with A*STAR Scholars

Held on 19th October 2023 and 11th February 2025, these engagement sessions provided an opportunity for A*STAR scholars to interact with the research community within Medicine ACP. Attended by A*STAR Scholars, CS Residents, Md-PHDs, Clinician Scientists and Medicine ACP Research Council Members, the event consisted of a sharing session held in Academia, followed by dinner.

Health Services Research Jam Session

Health Services Research (HSR) Jam Session was held on 2nd February. The networking session provided a valuable platform for healthcare providers, researchers, and students to come together and discuss pertinent topics in HSR in an informal setting.

Grant Writing Workshop

Conducted by Prof Ooi Eng Eong & Prof Jenny Low, this workshop was aimed at SRs/ACs/Cs who may be intending to apply for cluster level grants. Participants were guided through the process of developing an applicable one-page research proposal.

Research Interest Group

Relevant departments host guest speakers during their regular Zoom meetings, who share about research development within specific medical domains. This hour-long presentation format fosters cross-campus collaboration and raises awareness of research initiatives throughout Medicine ACP.

Systematic Review & Meta-Analysis Workshop

Held on 13 March 2025, the Systematic Review & Meta-Analysis Workshop was conducted to provide a comprehensive understanding of the main components in a SRMA. Attendees were introduced to the general process behind undertaking a SRMA, and how they can appropriately interpret the findings of a published SRMA.



CRC Day

Held on 8 December 2023 at Academia L3 Atrium, CRC Day was a day of appreciation for clinical research coordinators, research administrators, and other personnel involved in research activities in SGH. Organised by Ms Celine Wong and Ms May Zin Oo from the REEP team, almost 100 guests were treated to an afternoon of recognition and celebration.

Duke-NUS Research Open House

Held on 14 Dec 2023 & 12 Dec 2024, the annual Research Open House aimed to showcase available projects by our approved Duke-NUS mentors to the Year 2 Duke-NUS students who will be doing their mentored research in Year 3 as part of their curriculum. The Medicine ACP representative, Asst Prof Tan Hong Chang, helped to answer any queries raised by the students regarding the research projects.



Clinical Research Coordinator (CRC) Workshops

Medicine ACP Research CRCs actively contribute to professional development by conducting workshops across various platforms to train new CRCs and Research Ambassadors, offering practical insights and real-world experience.

- Ms Navreen Kaur served as a CRC Educator for the CRC Level 1 Programme, organised by SCRI in October 2023.
- Ms Navreen Kaur and Ms Christina Titin jointly facilitated '*The Beginning – A CRC's Guide to Clinical Research Management*', a workshop organised by CTCC in April and October 2024.
- Ms Christina was appointed as Programme Champion and Trainer for Clinical Trial Ambassador Programme (CTAP) in February 2025, where she delivered workshops to train research ambassadors.
- Ms Dalpreet Kaur and Ms May Zin Oo conducted a workshop titled '*Interview and Focus Group – Tips for Beginners*', organised by CTRC in 2024.

Medicine ACP Research Updates (MARU) Sessions 2025

The MARU sessions require current NCRS & PFF awardees to present their project updates every 6 months to their own departments. There are 1-2 presenters per session, and each presenter is allocated 20 mins (15 mins presentation, 5 mins Q&A).

The sessions aim to keep the Vice-Chair and Research Directors updated with regards to awardees' projects every 6 months, while enabling awardees to get accustomed to presenting their data to an audience.

AWARDS

NMRC Human Capital Award

HPHSR CLINICIAN SCIENTIST AWARD (HCSA) – SENIOR INVESTIGATOR RECIPIENT



(2025) **Prof Julian Thumboo**
Senior Consultant, Rheumatology & Immunology, SGH

HPHSR CLINICIAN SCIENTIST AWARD (HCSA) - INVESTIGATOR RECIPIENT



(2024) **Assoc Prof Liew Tau Ming**
Senior Consultant, Psychiatry, SGH



(2024) **Asst Prof Pua Yong Hao**
Senior Principal Physiotherapist, Physiotherapy, SGH

CLINICIAN SCIENTIST AWARD INVESTIGATOR (CSA-INV)



(2025) **Assoc Prof Leung Ying Ying**
Senior Consultant, Rheumatology & Immunology, SGH



(2025) **Asst Prof Tan Hong Chang**
Senior Consultant, Endocrinology, SGH



(2025) **Asst Prof Shirin Kalimuddin**
Senior Consultant, Infectious Diseases, SGH



(2025) **Clin Asst Prof Troy Puar**
Senior Consultant, Endocrinology, CGH

SingHealth Excellence & GCEO Awards

DISTINGUISHED RESEARCHER AWARD



(2025) **Assoc Prof Charles Chuah**
Senior Consultant, Haematology, SGH



(2025) **Prof Jenny Low**
Senior Consultant, Infectious Diseases, SGH

DISTINGUISHED YOUNG RESEARCHER AWARD



(2024) **Clin Asst Prof Ian Wee**
Consultant, Infectious Diseases, SGH

GCEO OUTSTANDING RESEARCHER AWARD



(2023) **Clin Assoc Prof Andrea Low**
Senior Consultant, Rheumatology & Immunology, SGH

Clinician Investigator Advancement Award (CIVA)

(2024) **Clin Asst Prof Chng Chiaw Ling**
Senior Consultant, Endocrinology, SGH

(2024) **Clin Asst Prof Tan Chuen Wen**
Senior Consultant, Haematology, SGH

Clinical Trialist Development Award (CTDA)

MASTER CLINICAL TRIALIST DEVELOPMENT AWARD

(2024) **Clin Assoc Prof Chandramouli Nagarajan**
Senior Consultant, Haematology, SGH

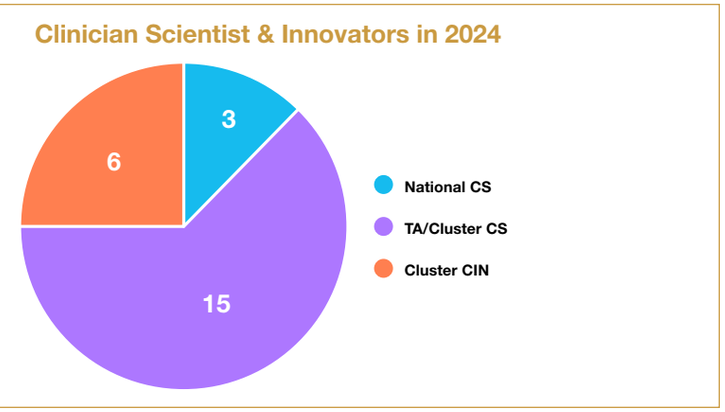
CLINICAL TRIALIST DEVELOPMENT AWARD

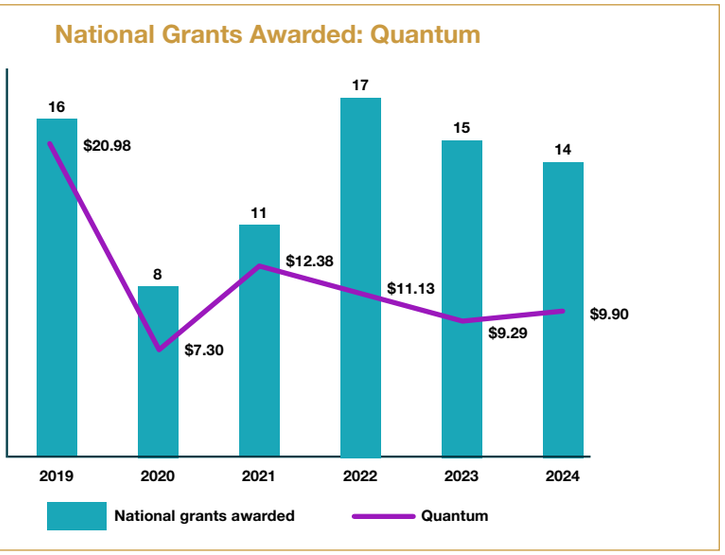
(2024) **Clin Asst Prof Malcolm Tan**
Senior Consultant, Gastroenterology & Hepatology, SGH

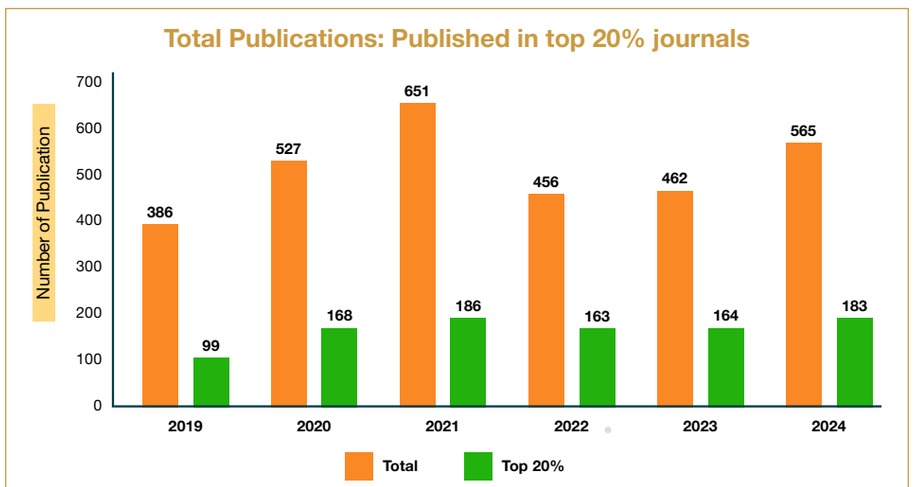
(2023) **Clin Asst Prof Candice Chan**
Senior Consultant, Infectious Diseases, SGH

To view all other Research Awards, click here.

STATISTICS







CLINICIAN PROFILES



Dr Maria Noviani
Associate Consultant, Rheumatology & Immunology, SGH

Dr Noviani provides clinical care for patients with autoimmune and rheumatic conditions. Alongside her clinical work, she is pursuing a PhD to uncover the immunopathogenesis of autoimmune diseases and develop personalised treatments.

Her interest in biological complexity deepened through clinical research during training and was shaped by clinician-scientist mentors who merged research with compassionate care. Recognising the limitations of generic treatments, she turned to translational science to decode patient heterogeneity and address variable responses.

Her research involves dissecting the peripheral immunome in systemic sclerosis using high-dimensional mass cytometry to identify immune dysregulation. The challenges in rheumatology, including diagnostic delays and lack of targeted therapies, drive her multidisciplinary collaborations in advancing precision medicine.

She received the NMRC Research Training Fellowship and the Outstanding Clinical Scientist Resident Award, reflecting her commitment to clinical and research excellence. As a mentor, she aligns junior colleagues' strengths with personalised learning pathways.

Dr Noviani hopes to pioneer a precision care framework combining clinical and molecular stratification to improve treatment outcomes in complex autoimmune diseases.



Dr Chen Kaina
Associate Consultant, Gastroenterology and Hepatology, SGH

Dr Chen's work spans clinics, endoscopy, and inpatient care. She followed the clinician-specialist pathway, completing junior and senior residency, during which she took two maternity leaves and earned a part-time Master of Clinical Investigation. She later joined the clinician-scientist track under Prof Pierce Chow at NCCS to pursue her interest in high-quality research.

Her research focuses on liver cancer epigenetics. Despite time constraints during residency, she secured two grants, received the NMRC CS Award, and won Best Oral Presentation at an international conference. She is now awaiting experimental results in hopes of identifying liver cancer biomarkers.

The heavy clinical workload poses a challenge for sustained research. Yet, she emphasises persistence and the long-term nature of building research capacity. Dr Chen encourages junior clinicians to explore academic questions and is open to collaboration.

She aspires to be an academic clinician, continuing her research while improving care for liver cancer patients.



Clin Prof Angela Wang Yee Moon
Senior Consultant, Renal Medicine, SGH

Relocating from Hong Kong in 2023, Prof Wang joined Duke-NUS to pursue her academic goals in a multidisciplinary research environment. A clinician-scientist, she divides her time between kidney disease research and clinical care. She also leads clinical trials, secures grants, mentors junior researchers, and drives academic strategies in nephrology.

Her interests include cardiovascular-kidney-metabolic complications, preventive kidney medicine, and personalised care. She has held leadership roles in international societies and contributed to key clinical guidelines.

Her research includes heart valve calcification in dialysis patients and the role of residual kidney function in peritoneal dialysis. She has led several clinical trials, including OPERA, SERENE, PROOF, and the Renal Lifecycle Trial. The multi-systemic nature and late presentation of kidney disease are key challenges, which she addresses through holistic care and active trial involvement.

Prof Wang received the Thomas Addis Award (2022), Joel D. Kopple Award (2018), and John Maher Award (2006). She mentors through research planning and execution. Her goal is to transform cardiovascular-kidney-metabolic and nutrition care in Singapore using personalised medicine and artificial intelligence.



Dr Kwek Swee Sen
Senior Resident, Infectious Diseases Residency, SingHealth

Dr Kwek balances clinical duties with translational vaccine research in virology. His early passion for science earned him an A*STAR National Science Scholarship and led to MD-PhD training at Duke-NUS, focusing on Zika vaccine development. After graduating and completing PGY1, he entered SingHealth's Internal Medicine residency in 2021 and Infectious Diseases senior residency in 2024. He is also an adjunct research fellow at Duke-NUS.

A key milestone was receiving the SingHealth Duke-NUS Academic Medicine Grant for work on improving self-amplifying mRNA vaccine backbones. He sees infectious diseases as a vast, evolving field that requires humility and persistence to translate new data into patient care.

Dr Kwek also supports junior clinician-scientists through teaching and peer networks. He aims to become a competent Infectious Diseases physician who integrates clinical care and research to advance infection management and prevention.



Dr Mohamad Fadhli Masri
Senior Resident, Rheumatology and Immunology Residency

Dr Fadhli manages inpatient and outpatient care and consults across specialities. His interest in myositis grew from its overlap with his PhD work in immunology. His research explores immune mechanisms in inflammatory myositis, especially antiviral responses, and aims to improve treatment protocols.

He notes that the multi-systemic nature of rheumatology presents challenges, which he addresses through cross-speciality collaboration.

He has received two research grants from SingHealth Duke-NUS and NMRC and was awarded the Outstanding Resident Award in 2024.

Beyond clinical and research work, he mentors juniors in both areas, sharing insights and support from his own experiences. His goal is to become a clinician-scientist advancing patient care through a deeper understanding of disease processes and the development of safer, more effective treatments.

PLANS & PRIORITIES



Prof Jenny Low
Vice Chair, Research

As we reflect on our research journey, the Medicine ACP Research Office remains steadfast in driving research excellence through three key pillars: enhancing community-empowered population health, advancing digital academic medicine, and delivering translational impact through robust clinical research.

ENHANCING COMMUNITY EMPOWERED POPULATION HEALTH

Our commitment to community health is exemplified through our focus on chronic disease research, particularly in hypertension and diabetic kidney disease. Notable projects include studying tissue sodium as a marker for aldosterone-driven hypertension and investigating novel biomarkers in diabetic kidney disease, demonstrating our dedication to developing practical solutions for pressing health challenges.

ADVANCING DIGITAL ACADEMIC MEDICINE

In the digital realm, our researchers are harnessing artificial intelligence and machine learning to predict cardiovascular and stroke risk. We are also developing sophisticated data platforms to enhance clinical decision-making, ensuring our research remains relevant in today's technology-driven healthcare environment.

DELIVERING TRANSLATIONAL IMPACT THROUGH ROBUST CLINICAL RESEARCH

The pursuit of translational impact drives us to nurture the next generation of clinician investigators. Through initiatives like the Research 101 Series and SingHealth Duke-NUS Research Days, we provide crucial mentorship and exposure for early-career researchers. Our partnerships with national research agencies and industry collaborators further strengthen our innovation capabilities.

As we move forward, these coordinated efforts will continue to shape a dynamic research ecosystem that not only advances academic knowledge but also creates meaningful improvements in patient care and health outcomes.

Medical Humanities

Healthcare goes beyond treating physical ailments — it encompasses the social, emotional, artistic, and philosophical dimensions of human experience. By integrating the humanities into medical practice, we adopt a more holistic approach to care, enriching treatment and recovery with diverse perspectives and more comprehensive solutions.



EVENTS

CGH Psychiatry Through Film: Exploring Mental Health in 'Elemental'

On 5 July 2024, the Department of Psychological Medicine and Health Wellness Programme (ASCAT) at Changi General Hospital hosted a film discussion based on Pixar's Elemental. The session, attended by 28 participants, was facilitated by Dr David Teo (then Senior Consultant, Psychological Medicine, CGH; now Psychiatrist at Connections Mind Health) and Mr Loy Xingqi, Clinical Psychologist, CGH.

The discussion centred on mental health and social issues highlighted in the film, including emotional awareness, inclusivity, and the challenges of intergenerational relationships. Participants shared personal reflections, with many recognising how family values and communication styles can create conflict.



Enhancing Self-Competence in End-of-Life Communication through the Arts Workshop

End-of-life conversations can be challenging for healthcare professionals. To support them, the "*Enhancing Self-Competence in End-of-Life Communication through the Arts Workshop*" was created by Mr. Andy Sim, Senior Medical Social Worker at Singapore General Hospital, with funding from an AMEI Education Grant. In partnership with Both Sides Now, the workshop included three sessions on July 26, September 11, and October 17, 2023, each with fewer than 30 participants to encourage meaningful sharing.

Utilising experiential and arts-based activities, the workshops helped participants explore their feelings about death, build emotional resilience, and reflect on their communication styles. Feedback was positive, with one participant noting the workshop prompted personal reflection on interactions with patients. Another participant highlighted the importance of active listening, acknowledging that busy schedules often lead to a lack of attentiveness.

By the end of the workshop, participants gained valuable insights and practical skills, boosting their confidence in initiating end-of-life conversations.



Singapore Medical Humanities Conference (SMHC) 2024

SMHC 2024 welcomed over 200 participants, including healthcare professionals, arts faculty, and students, to discuss the transformative role of medical humanities in healthcare. The conference emphasised that integrating the arts, humanities, and social sciences can foster empathy, promote inclusivity, and inspire innovation in medical education and clinical care.

Key lessons included the arts' ability to improve patient outcomes and support healthcare providers' development. Collaboration between healthcare and humanities sectors was highlighted as a path to innovation and impactful change. The diverse applications of medical humanities in addressing grief, disability, global health, and social equity were also noted.

Participants engaged in group music and art-making sessions, patient dialogues, and discussions, which encouraged fresh thinking and reaffirmed shared humanity in medicine. Prof Ng Wai Hoe captured this sentiment by stating, "At the end of the day, we are humans."

The event was supported by SingHealth Duke-NUS Medicine and Paediatrics ACPs, the Medical Humanities Institute, NTU's School of Humanities, and the Singapore Hospice Council.

SingHealth Duke-NUS Medicine ACP – NTU Medical Humanities Conference

Held from 27 to 28 October 2023 at Nanyang Technological University, the inaugural SingHealth Duke-NUS Medicine ACP – NTU Medical Humanities Conference explored the theme "*Rethinking How Care is Provided: Celebrating Diversity, Promoting Understanding, Examining Values.*"

Prof Tan Ban Hock, Chief Quality Officer, SGH, opened the conference by reflecting on the role of ethics, spirituality, and values in medicine. Keynote speakers included Prof Angela Woods, Director of the Institute for Medical Humanities, Durham University, and Prof Simon Kitto, a visiting Fellow at LKC Medicine; Professor at the University of Ottawa's Department of Innovation in Medical Education, who spoke on how medical humanities shape interprofessional education and patient-centred practice.

Dr David Teo (then Senior Consultant, Psychological Medicine, CGH; now Psychiatrist at Connections Mind Health) delivered a session on addressing patients' values in clinical decision-making, quoting Atul Gawande: "*We think our job is to ensure health and survival. But the reality is larger than that. It is to enable well-being.*"

The conference also featured sessions on mental health, caregiver narratives, ethics, and traditional Chinese medicine, fostering rich dialogue between SingHealth faculty, NTU humanities scholars, and medical students.



Poetry and Medicine Workshop

In collaboration with the National Cancer Centre Singapore, the Poetry and Medicine workshop was held on 13 February 2024 and featured Dr John Fox, Founder and President of The Institute for Poetic Medicine. Dr Fox guided participants through readings and personal reflections, encouraging them to interpret poems and relate them to their own experiences in healthcare.

A highlight of the session was the opportunity for participants to craft their own poetry. Many remarked on how poetry allowed them to process emotions, reflect deeply, and cultivate empathy.

Creative Writing and Illness Narratives Workshop

In 2024 & 2025, the Medicine ACP Office of Medical Humanities organised workshops that aimed to explore the intersection between medicine and storytelling through various creative mediums. These workshops allowed participants to gain a deeper understanding of creative writing, close reading, and conversational analysis.

THE POWER OF STORIES IN DOCTOR-PATIENT INTERACTIONS

1 March 2024

This workshop explored the complexity of such writing, which often requires a long hard look at one's own identity and history. Participants were invited to write their own illness narratives based on creative prompts and share a reading of them.

THE POWER OF FILM & CREATIVE WRITING

7 March 2025

This workshop explored the power of film in helping unearth memories, and constructing narratives about suffering, coping, grief, and healing.





Lunchtime Talk: Healthcare, Experience and Well-Being

On 24 January 2024, the Medicine ACP Office of Medical Humanities invited Prof Ronald Schleifer from the University of Oklahoma to speak on the intersection of literature and medicine. Drawing from his book *Literary Studies and Well-Being*, Prof Schleifer discussed how philosophy and narrative thinking enhance clinical understanding of wholeness and care. The session featured video testimonials from physician-writers, highlighting how humanistic perspectives can enrich clinical judgment and empathetic patient care.

CLINICIAN PROFILES



Ms Stephanie Chan Jia Hui
Senior Music Therapist, Psychology, SGH

Ms Chan leads clinical services within a specialised team of three, supervises junior staff and interns, and engages in research and multidisciplinary collaborative initiatives. Her journey into music therapy began with a passion for music and formal training at Berklee College of Music. She spent five years working in hospice care in the US before joining SGH in 2021. Here, Ms Chan has worked to expand music therapy within the healthcare landscape, noting its impact on patient care, emotional well-being, and recovery.

Her professional interests lie in rehabilitation, palliative care, and critical care, with a strong emphasis on humanistic approaches and inter-professional collaboration. She has successfully led Quality Improvement projects that significantly increased music therapy engagement among long-term burn patients and in inpatients therapy sessions. She also launched a communication-focused therapy group in collaboration with speech therapists.

Ms Chan's expertise has earned her recognition through speaking engagements at major medical conferences and media features. She also received the SingHealth Talent Development Fund scholarship to pursue a Master's degree in 2026.

She acknowledges challenges in the field include limited local research but addresses them through multidisciplinary research and stakeholder engagement to build credibility. Dedicated to mentoring, Ms Chan emphasises holistic development through structured case discussions and reflective practice. Her next aim is to focus on acute hospital palliative care research, expand therapeutic programs, and position SGH's music therapy services as a leading model for other institutions.

PLANS & PRIORITIES



Clin Asst Prof Ong Eng Koon
Director, Medical Humanities

Over the next three years (FY25–FY27), the Medical Humanities Office will deepen its impact across SingHealth and beyond. The focus will centre on enhancing programme design, fostering regional collaboration, and expanding partnerships to embed humanistic values in healthcare practice and education.

ENHANCING PROGRAMME DESIGN AND FACULTY DEVELOPMENT

A key priority is to strengthen internal capabilities within the Medical Humanities Executive Committee (EXCO), particularly in programme design and evaluation. The team will refine and assess existing initiatives such as creative writing and values-based workshops, while developing faculty through targeted workshops that equip clinicians with the skills to lead and facilitate humanistic learning.

FOSTERING REGIONAL COLLABORATION

Efforts are underway to broaden the scope of the Medical Humanities Conference by increasing regional engagement. This includes inviting faculty from Southeast Asian academic institutions to join the organising committee and generating greater interest among audiences across the region. These efforts align to position the conference as a regional platform for dialogue and shared learning in medical humanities.

EXPANDING STAKEHOLDER ENGAGEMENT

The Office will continue to strengthen partnerships with key stakeholders within and beyond SingHealth. Collaborations will include the SingHealth Duke-NUS Medical Humanities Institute (SDMHI), Medical Humanities teams across other ACPs, as well as external institutions and arts organisations such as the National Gallery Singapore, Arts Therapists Association of Singapore (ATAS), Association of Music Therapists Singapore (AMTS), and universities like NUS and NTU.

These strategic priorities reflect the Office's continued commitment to embedding the humanities within healthcare, nurturing empathy, meaning, and connection in every aspect of care.

Philanthropy

Philanthropy is a powerful enabler of progress across our pillars of Education, Research, and Clinical Innovation. The generous support of our donors empowers us to pursue bold ideas, develop cutting-edge interventions, and continuously elevate the quality of care we provide.



Existing Funds

ONG YONG YAU FUTURE OF MEDICINE FUND

The Ong Yong Yau Future of Medicine Fund pays a fitting tribute to one of Singapore's pioneer healthcare leaders who served patients, educated students and fronted many healthcare crises over 50 years in public health.

The Ong Yong Yau Future of Medicine Fund will support pilot research and educational projects that focus on innovative care models and evidence-based practices. These initiatives are driven to enhance patient experience and outcomes, with an emphasis on real-world impact.

Every dollar of your gift will empower healthcare workers, especially the junior doctors and early-career clinician educators, researchers in healthcare with a crucial opportunity to shape the future of medicine through mentorship and emerging fields such as artificial intelligence and digital health - all critical tools for delivering smarter, more effective patient care.

Singapore tax residents will receive 250% tax benefits and your gift may be presented for the dollar-for-dollar government matching.

If you share this belief in nurturing future-ready leaders who will drive meaningful progress and deliver better care for generations to come and want to make a gift in honour of Prof Ong, scan the QR code below.

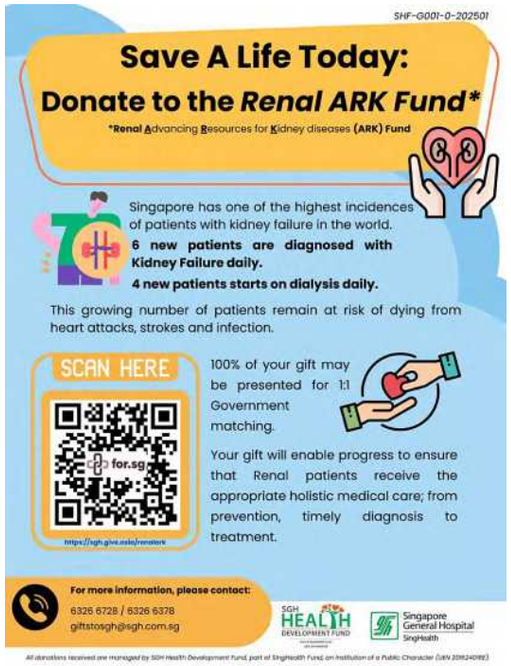
for.sg

CLICK TO DONATE TO THE ONG YONG YAU FUTURE OF MEDICINE FUND

"The future of healthcare lies in cultivating young clinicians who can innovate and adapt. Supporting their ideas will help transform the healthcare system to meet emerging challenges and provide better care for the population in future."



Professor Ong Yong Yau, Emeritus Consultant, joined SGH as a consultant in 1979. In 2002, he became CEO of SGH and carved out an impressive record of other key appointments. He served as an exemplary role model and outstanding clinician who devoted his time to patient care, teaching and research. Prof Ong retired in October 2024.



RENAL ARK FUND

Kidney failure in Singapore continues to place a heavy burden on patients and the healthcare system, with three new dialysis cases daily and numbers expected to rise. The Renal Advancing Resources for Kidney Diseases (ARK) Fund was created to tackle this challenge by supporting innovation, education, and patient care across the full spectrum of kidney diseases.

100% of your gift will support early detection efforts, reno-retardation strategies to slow disease progression, home-based dialysis options and transplant-related care. It will also support pilot research, tool development, and training programmes to upskill renal care professionals and improve care delivery.

Singapore tax residents will receive 250% tax benefits, and your gift may be presented for the dollar-for-dollar government matching.

Support the Renal ARK Fund and enable timely and holistic care that not only treats but improves the lives of patients with kidney diseases.

Scan the QR code to help patients receive better, more accessible kidney care.

for.sg

CLICK TO DONATE TO THE RENAL ARK FUND

HAEMATOLOGY PROGRAMME FUND

In 2025, SGH's Department of Haematology celebrated its 40th anniversary of pioneering treatment and compassionate care for patients with blood cancers and other haematological conditions.

With over 2,200 stem cell transplants performed since 1985, the department continues to push boundaries in complex blood disorders. Every dollar towards the Haematology Programme Fund supports the continued advancement of this highly specialised field in patient care, research in blood disorders, training, and the development of novel treatments such as CAR-T cell and gene therapy.

Singapore tax residents will receive 250% tax benefits. Your gift may be presented for the dollar-for-dollar government matching to ensure that patients will continue to benefit from innovative therapies and multidisciplinary expertise for years to come.

Support the Haematology Programme Fund.

Your gift helps save lives and transform care.

CLICK TO DONATE TO THE HAEMATOLOGY PROGRAMME FUND

40 1985 - 2025 Haematology & Haematopoietic Cell Therapy And Transplantation Singapore General Hospital

Fund Established in 2025

SGH-NKF RENAL RESEARCH FUND

Chronic Kidney Disease (CKD) is a growing health concern in Singapore, with six new cases of kidney failure diagnosed every day. Despite medical advances, significant gaps remain in how kidney disease is detected, managed, and treated.

SGH and The National Kidney Foundation (NKF) established the SGH-NKF Research Fund to strengthen the renal research ecosystem and pave the way for more effective and sustainable renal care for our patients.

Planning for our inaugural grant call in January 2026, we hope to drive research in key focus areas: early detection and prevention of CKD, strategies to slow disease progression, renal replacement therapies with emphasis on home-based care, kidney transplantation, and psychosocial support for patients and caregivers.

This generous gift of $5.5 million from NKF will be presented for 1:1 government matching and will build an endowed research fund to enable targeted, impact-driven research, advance shared knowledge and improve outcomes for renal patients for many years.

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