Academic Medicine Innovation Institute
SingHealth Duke-NUS

SingHealth DukeNUS ACADEMIC MEDICAL CENTRE

Alice Lee Innovation Centre of Excellence

INNOVATION EXCHANGE



Exclusive Interviews

The importance of Innovation Exchange by Dr Cheong May Anne, Director of A.L.I.C.E @ SGH Campus; Consultant, Dept of Haematology

An innovation exchange serves as a vital platform to bring together clinicians, researchers, and industry partners in pursuit of shared progress. More than just a showcase, it creates opportunities for knowledge sharing, technology demonstrations, and meaningful dialogue across disciplines.

By fostering these connections, innovation exchanges enable teams to identify synergies, explore co-development opportunities, and translate ideas into practical solutions that address pressing healthcare needs.

Beyond individual collaborations, the true benefit lies in strengthening the SingHealth Innovation Ecosystem as a whole. Each exchange helps to break down silos, accelerate the adoption of new technologies, and amplify the impact of collective expertise. In doing so, innovation exchanges not only highlight the capabilities within the ecosystem but also demonstrate how collaboration fuels advancements that ultimately improve patient care and healthcare delivery.



Dr Cheong May Anne,
Co-Director of A.L.I.C.E @ SGH Campus;
Consultant, Dept of Haematology

WORKSHOP ON SMART MEDICAL APPLICATION AND INDUSTRIAL INNOVATION PRODUCT SHARING

In collaboration with Taiwan's Metal Industries Research & Development Centre (MIRDC)



Changi General Hospital's Office of Innovation, in collaboration with Taiwan's Metal Industries Research & Development Centre (MIRDC) held a workshop on Smart Medical Application and Industrial Innovation Product Sharing.

The workshop gave networking opportunities with healthcare innovators and technology leaders and there was live sharing of smart medical technologies and innovation by four Taiwanese companies – **Soteria, Biomedica, NCKU VRMT, EZYPRO.**





Here's a glimpse of their innovations:

Soteria OPZ has the world's first medical software utilizing computational fluid dynamics analysis to assess airway obstruction.

Biomedica has AI Solutions for Osteoporosis Screening.

National Cheng Kung University Virtual Reality Mirror Therapy for Rehabilitation

EZYPRO has ECG patch monitor which integrates with ECG Analysis Service Support for arrhythmia diagnostics.

FOR MORE INFORMATION, PLEASE CONTACT CGH OFFICE OF INNOVATION AT INNOVATION@CGH.COM.SG

SGH X MEDTECH CATAPULT X START-UPS: AN APACMED NETWORKING FORUM

Singapore General Hospital
SingHealth



On 18 July 2025, the Asia Pacific Medical Technology Association (APACMed) partnered with SGH Office of Strategy Partnerships Development (OPSD) and Research & Innovation Office (RIO) to host a breakfast networking session at A.L.I.C.E @ SGH Campus, drawing 17 medtech and digital health companies from Singapore and overseas.

This session created a dynamic platform for SGH innovators and industry partners to exchange ideas, explore market trends, and identify opportunities for collaboration in medical technology. APACMed shared their representation for the medical devices and in-vitro diagnostics industry to promote innovation and impact that advances patients' healthcare. SGH showcased its Research and Innovation Ecosystem, while Medtech Catapult introduced their expertise in productization and commercialisation, offering insights into how new technologies can be brought to market more effectively.

This event underscored SGH's commitment to building a vibrant healthcare innovation ecosystem, welcoming startups in artificial intelligence, medtech, diagnostics to co-create solutions that advance the future of patient care.



Dr Bernard Ng, Director (Innovation Strategy and Coordination, SGH Research & Innovation Office), sharing on the SGH research and innovation ecosystem to the attendees.



MR DANIEL WONG, SENIOR ASSISTANT DIRECTOR (PARTNERSHIPS AND INDUSTRY DEVELOPMENT, MEDTECH CATAPULT) SHARED ON ROLE OF MEDTECH CATAPULT IN SUPPORTING THE DEVELOPMENT OF THE MEDICAL TECHNOLOGY SECTOR IN SINGAPORE.

FOR ENQUIRIES, PLEASE EMAIL JOSHUA (JOSHUA.LIM.J.H@SGH.COM.SG) OR MELINDA (MELINDA.KHOO.S.Y@SGH.COM.SG) FROM OFFICE OF STRATEGIC PARTNERSHIPS DEVELOPMENT (OSPD).

Advancing Healthcare Together:

From Singapore to the World – Showcase of Innovation Collaboration for Clinical Excellence & Impact



Osteopore is a global leader in regenerative medicine, producing 3D-printed, patent-protected scaffolds that mimic natural bone structure. Made from a dissolvable polymer, these implants support natural bone regeneration and reduce post-surgery complications compared to permanent implants.

Jointly organized by the SingHealth Duke-NUS Musculoskeletal Sciences ACP, Osteopore International Pte Ltd and A.L.I.C.E @ SGH Campus, this exclusive event spotlights the impactful outcomes of the Global Centre of Excellence (GCoE) programme. Rooted in patient-centric and innovation-driven approaches, the GCoE is redefining surgical care and advancing health outcomes from Singapore to the world.

A highlight of the session features SingHealth's Clinician Domain Leads, who shared real-world clinical workflows through videos and case studies. From patient selection and multidisciplinary collaboration to pre-operative planning, intra-operative strategies, and post-operative rehabilitation, the presentations showcased the complete continuum of care.

This event offered a unique opportunity to witness how clinical excellence, structured innovation, and meaningful collaboration can come together to deliver measurable impact in healthcare.



Advancing Healthcare Together:

A.L.I.C.E @ SGH Campus's Partners

Zeya Health

Zeya Health is an AI-powered platform transforming outpatient clinic operations across Asia. By automating administrative workflows and integrating seamlessly with existing systems, Zeya reduces operational inefficiencies and enables providers to focus on patient care. Its observability engine learns how each clinic operates, allowing for tailored automation without disrupting current processes.

Designed for scalability and adaptability, Zeya serves as a smart co-pilot for clinics—enhancing productivity, minimizing errors, and streamlining daily operations. With deep expertise in healthcare delivery and AI systems, the Zeya team is building critical infrastructure to support the first and often only point of care for billions across the region.

MERACLE

At Meracle, they realised that clinicians put in a lot of effort to helping patients manage and monitor their asthma and COPD, but they do not have good visibility into how well inhaled medicines actually travelled to the lungs. The Whizz helps track just that, improving patient outcomes and reducing healthcare costs from admissions.

Meracle enhances asthma treatment outcomes with the Whizz—an intuitive, clinically proven solution that improves medication delivery to the lungs while capturing intake data to support treatment assessment. As the only solution that addresses both inhaler technique and medication compliance simultaneously, the Whizz tackles the challenges faced by 7 in 10 patients. Its real-time guidance reduces reliance on rescue medication by 89% and delivers outcomes more than three times better than the current standard of care.

TACNIQ

An AI-powered wearable designed to help logistics companies reduce back injuries and automate ergonomic risk management. Backy™ provides real-time tactile feedback and AI-driven insights to drive measurable behavior change and streamline safety reporting at scale. Backy would the first deployed tactile AI model and we've seen strong traction across medical research (NUH), standards bodies (BSI), logistics (DHL), and construction (Soletanche Bachy), consistently meeting benchmarks for accuracy, cost-efficiency, and employee acceptance.

CONNECTING MINDS, ADVANCING CARE

Explore emerging healthcare technologies and collaborative opportunities that are shaping better outcomes for patients and providers alike.

Partners of A.L.I.C.E @ SGH Campus

Discover more of our exchanges and stories on LinkedIn—scan the QR code or click the link to keep up with A.L.I.C.E @ SGH Campus events.