

NHG MedTech Workshop

Event Synopsis

Straddling the fields of conventional healthcare and engineering, Medtech innovations demand one to be critical in assessing needs, skilled in engaging the right selection of multi-disciplinary partners and ability to make collaborations work.

Apart from introducing the local and international MedTech landscape, this workshop will provide a hands-on experience in navigating through the innovation lifecycle, from needs finding to commercialisation. Participants would also hear fellow NHG clinicians who are currently at the forefronts of innovations share about their experience and tips on how to obtain necessary resources in the cluster. This course is tailored for NHG clinicians and staff who are keen on translating innovative ideas into implementable solutions.

At the end of the seminar, participants should be able to:

- Appreciate the HealthTech landscape at the international, local and cluster level
- Understand the lifecycle of Medtech innovations and key milestones
- Be aware of the support and resources available in NHG for kick-starting your journey in MedTech innovations

AGENDA

Time	Topic	Speaker
8.45am	Registration	
9.00am	Introduction to HealthTech and the NHG Ecosystem	A/Prof Tey Hong Liang Head of Research & Senior Consultant, NSC
9.20am	Introduction to NHG Centre for Medical Technologies & Innovations (CMTi) <ul style="list-style-type: none"> • Navigating Partnerships in Innovation • Innovation Grant Landscape 	Mr William Ng Assistant Director, Centre for Medical Technologies & Innovation (CMTi), NHG
9.35am	Tea Break	
9.50am	The Medtech Innovation Lifecycle <ul style="list-style-type: none"> • An Overview of the Lifecycle • Needs Finding – a hands-on experience <ul style="list-style-type: none"> ○ How to craft a good needs statement ○ Needs analysis and filtering ○ Determine market size ○ Competitive Landscape assessment 	Dr Chen Kok Pun Consultant, Gastroenterology & Hepatology, TTSH
11.50am	Lunch	
1.00pm	The Medtech Innovation Lifecycle (Cont'd) <ul style="list-style-type: none"> • Ideation & Co-Development <ul style="list-style-type: none"> ○ Transforming ideas from concept to development ○ Stages of technology development ○ Regulatory considerations • Clinical Trials <ul style="list-style-type: none"> ○ Ethics considerations • What's Next After Technology Development 	Dr Chen Kok Pun Consultant, Gastroenterology & Hepatology, TTSH

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3.00pm	3D Printing ecosystem	Dr Michael Yam Consultant, Orthopaedic Surgery, TTSH
3.20pm	Tea Break	
3.35pm	NHG Innovation Talent Development Roadmap	CMTi Rep <Designation>, <Dept> <Institution>
3.45pm	The Clinical Innovator Experience (I) <ul style="list-style-type: none"> • Kick-starting your innovation journey in NHG 	Dr Shum Cheuk Fan Consultant, General Surgery, WH
4.05pm	The Clinical Innovator Experience (II) <ul style="list-style-type: none"> • Seeking the right expertise and mentorship • Tips on avoiding pitfalls 	Dr Eugene Fan Consultant, Haematology, TTSH
4.25pm	End	

Note: Information is accurate at time of print. Agenda is subject to changes without prior notice.

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