

INNOVATION TRAINING WORKSHOPS

Jointly organized by

SINGAPORE
BIODESIGN



DATE & TIME

RUN 1

Wednesday - Thursday
6 Oct - 7 Oct 2021
9:00am - 6:00pm

RUN 2

Monday - Tuesday
4 Apr - 5 Apr 2022
9:00am - 6:00pm

COURSE FEES

inclusive of GST

Original Price: SGD 2,033

After Subsidy

SC < 40yo & SPRs: SGD 609.90
SC ≥ 40yo & Enhanced training
support for SMEs: SGD 229.90

DESIGN THINKING FOR HEALTHCARE INNOVATION: FOCUSING ON IDENTIFYING AND INVENTING FOR THE UNMET NEED

Course Code: GMS_BD2DDTHI

This 2-day course aims to provide participants with a deeper appreciation of the design thinking approach to healthcare innovation. By layering on a structured framework, participants will learn to elucidate unmet healthcare needs and evaluate ideas towards developing well-defined and validated healthcare solutions.

This course is catered for innovation teams in the conceptualisation phase or are early in their POC journey. We welcome medtech innovators from all walks of life with a medtech project in mind or those who wish to learn the nuances behind creating an impactful medtech innovation.



How to register?

Simply scan the QR Code and search for the course name as a self-sponsored participant! Refer to our registration guide here: https://bit.ly/SB_RegistrationGuide

If your company is sponsoring your participation upfront, please email us at sbenquiry@hq.a-star.edu.sg for registration instructions.



Design Thinking for Healthcare Innovation: Focusing on Identifying and Inventing for Unmet Need

GMS_BD2DDTHI

Course Agenda

Participants are expected to:

- Develop a finer appreciation of the design thinking framework and develop a coherent narrative for an approach to healthcare innovation
- Understand and apply a structured framework towards identifying and validating unmet healthcare needs in relation to the disease state, stakeholders, patient journey, existing solutions landscape and market need
- Develop user and clinical-defined needs specifications to guide brainstorming to develop healthcare solutions
- Understand and apply a structured framework for evaluating ideas in relation to technical feasibility, novelty and market adoption
- Identify key risks and develop preliminary plans for testing and development of down-selected healthcare solutions

Day One

0900H - 0915H	Overview and Introduction to Biodesign
0915H - 1000H	Needs Research and Characterization
1000H - 1100H	Group exercise: Project Scoping Using the DSTM Template
1100H - 1145H	Articulating the Patient Cycle of Care
1145H - 1245H	Lunch
1245H - 1400H	Group exercise: Project scoping using the patient journey and DSTM Template
1400H - 1430H	Introduction to Needs Criteria
1430H - 1500H	Group Exercise: Creation of Needs Criteria
1500H - 1515H	Break
1515H - 1600H	Concept Generation
1600H - 1630H	Concept prototyping and testing
1630H - 1730H	Group exercise: Concept exploration and testing
1730H - 1745H	Debrief

Day Two

0900H - 0910H	Recap & Introduction to day 2
0910H - 0945H	IP Landscape and Learning Lessons
0945H - 1030H	Group Exercise: IP Landscape and Presentations
1030H - 1045H	Break
1045H - 1115H	Regulatory Pathway and Determinants
1115H - 1230H	Group exercise: Regulatory Pathways and Presentations
1230H - 1330H	Lunch
1330H - 1400H	Reimbursement Strategies
1400H - 1430H	Group Exercise: Reimbursement
1430H - 1500H	Business Models to Bring Your Solution to Market
1500H - 1515H	Break
1515H - 1615H	Group Exercise: Business Model Strategies and Presentations
1615H - 1700H	Risk Assessment and Controls
1700H - 1745H	Crafting a Robust R&D plan
1745H - 1800H	Closing

UPCOMING WORKSHOPS

Our courses cover a wide range of topics in the HealthTech and MedTech industry and are designed for professionals looking to up-skill or re-skill themselves in the healthcare innovation space.

RUN 1: 1 Nov - 3 Nov 2021

GMS_BD3DBMI Business Model Innovation for Healthcare Innovations (3 days)

RUN 1: 26 Nov 2021

GMS_BD1DFFHI Fundraising Fundamentals for Healthcare Innovations (1 day)

RUN 1: 13 Dec 2021 - 14 Dec 2021

GMS_BD2DBIHMT Business Implementation for Health/MedTech: Project to Market Overview (2 days)

RUN 2: 17 Jan 2021

GMS_BD1DDT Design Thinking for Healthcare Innovation: An Overview (1 day)

RUN 2: 14 Feb 2022 - 18 Feb 2022

GMS_BD5DBC Biodesign Bootcamp: Deep Dive Into HealthTech Innovation With An End in Mind (5 days)

RUN 2: 7 Mar 2022

GMS_BD1DPD An Introduction to Product Development and Quality Management Systems for Health/MedTech Innovations (1 day)

To find out more,
EMAIL: SBenquiry@hq.a-star.edu.sg
WEB: <https://www.a-star.edu.sg/sb>

