

# Design Thinking for Healthcare Innovation: An Overview

Course Code: GMS\_BD1DDT

## Date & Time

### Run 1

Monday  
04 July 2022  
09:00 am - 05:30 pm

## Workshop Location

A\*StartCentral Seminar Room  
79 Ayer Rajah Crescent, #05-03  
Singapore 139955

## Course Fees

(inclusive of GST)

### Original Price

SGD 909.50

### After SSG Subsidies

SC < 40yo & SPRs  
SGD 272.85

SC ≥ 40yo & Enhanced training  
support for SMEs  
SGD 102.85

The purpose of the Health & MedTech Innovation Workshop “Design Thinking for Healthcare Innovation: An Overview” is to equip budding health & medtech innovators with or without prior innovation experience with basic level knowledge relating to the product development competency under the [Health and Medtech Innovation Skills and Competencies whitepaper](#) as well as [DSN-ACE-3014-1.1 Design Thinking Practice Technical Skills and Competencies](#).

This workshop will provide learners with an understanding of the fundamentals of healthcare innovation and the knowhow to apply a structured and validated design thinking practice framework towards healthcare innovation projects in its exploration and concept phase.

By the end of the workshop, budding health & medtech innovators will be able to describe a design thinking process of empathy, identify, invent and implement and its application towards health and medtech innovation. Learners will also be able to recognise key considerations in describing and understanding a clinical need and evaluating potential solutions.



## 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](https://bit.ly/SB_RegistrationGuide)

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

# Design Thinking for Healthcare Innovation: An Overview

## Course Agenda

### Learning Outcome:

By the end of this module, you should be able to

- Demonstrate ability to apply design thinking and needs analysis to unmet healthcare/clinical needs.
- Understand the importance of a well-crafted user needs specification and design a preliminary user needs specification document.
- Apply ideation strategies to brainstorm possible healthcare solutions and where it would meet gaps in the patient/user journey
- Recognize pertinent nuances towards health and medtech innovation that are unique to this specialty

0900H - 0930H

Introduction to Workshop

0930H - 1000H

Design Thinking and the Biodesign Approach

1000H - 1015H

Tea Break

1015H - 1100H

Identifying and Defining the Problem: Clinical  
Need Finding, Generating Need Statement

1100H - 1200H

Choosing the Right Problem: Unmet Need  
Filtering in the DSTM framework

1200H - 1300H

Lunch Break

1300H - 1330H

Solving the Problem: Concept Generation

1330H - 1430H

Solving the Problem: Brainstorming Exercise

1430H - 1530H

Introduction to IP and Regulatory

1530H - 1545H

Tea Break

1545H - 1645H

Introduction to Reimbursement  
and Business Model

1645H - 1700H

Feedback and Assessment

1700H - 1730H

Clinician Innovator Sharing and Wrap-up



## 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.

### **Design Thinking for Healthcare Innovation: An Overview**

**RUN 1:** 04 July 2022

**RUN 2:** 16 January 2023

### **Biodesign Bootcamp:**

#### **Deep Dive into HealthTech Innovation with an End in Mind**

**RUN 1:** 01 - 05 August 2022

**RUN 2:** 20 - 24 February 2023

### **An Introduction to Product Development and Quality Management Systems for Health/MedTech**

**RUN 1:** 03 October 2022

**RUN 2:** 12 March 2023

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

**RUN 1:** 17 - 18 October 2022

**RUN 2:** 03 - 04 April 2023

### **Business Model Innovation for Healthcare Innovations**

14 - 16 November 2022

### **Business Implementation for Health/MedTech:**

#### **Project to Market Overview**

01 - 02 December 2022

**Contact Us For  
More Information :**

 [www.a-star.edu.sg/sb](http://www.a-star.edu.sg/sb)

 [SBenquiry@hq.a-star.edu.sg](mailto:SBenquiry@hq.a-star.edu.sg)



or click [here](#).

