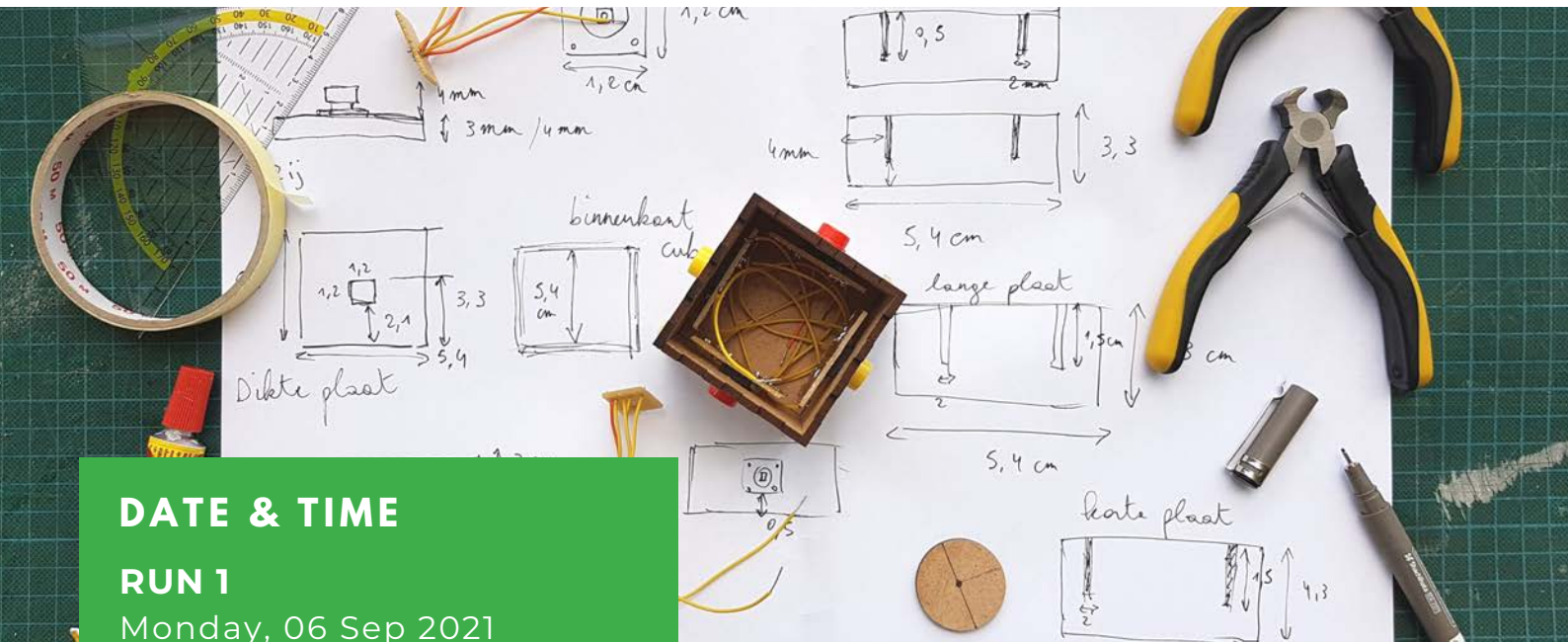


INNOVATION TRAINING WORKSHOPS

Jointly organized by

SINGAPORE
BIODESIGN



DATE & TIME

RUN 1

Monday, 06 Sep 2021
9:00am - 6:00pm

RUN 2

Monday, 07 Mar 2022
9:00am - 6:00pm

COURSE FEES

inclusive of GST

Original Price: SGD 1,016.50

After Subsidy*

SC < 40yo & SPRs: SGD 304.95

SC ≥ 40yo & Enhanced training
support for SMEs: SGD 114.95

AN INTRODUCTION TO PRODUCT DEVELOPMENT AND QUALITY MANAGEMENT SYSTEMS FOR HEALTH/MEDTECH INNOVATIONS

Course Code: GMS_BD1DPD

This 1-day workshop focuses on the product realization phase of a health technology innovation. The workshop will guide participants through the approach for taking a health technology innovation beyond idea/prototype towards product development. Participants will learn of the required medical device product development process, the importance of a properly established quality management system (QMS) and how both of these closely relate to each other to help innovation teams better plan and derisk their product development plan, in preparation for clinical testing and regulatory approvals.

This course is catered towards gearing individuals, project teams and potential spin-off teams who are in their POC or POV phase towards product realization. We also welcome medtech innovators who wish to learn the various considerations that goes into a QMS and product development cycle.

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.



With Guest Speakers From:



Course Agenda (Tentative)

Participants are expected to:

- Understand the different strategies pertinent to product development and design control for innovations targeting a medical application
- Appreciate and apply knowledge on how to conduct a robust risk analysis and design failure mode and effect analysis (DFMEA) and how they relate to the design requirements of a medical/healthtech product
- Understand the importance of establishing a QMS, the steps required to set up a QMS for medical devices, the lifecycle stages and associated challenges.

0900H - 0910H	Introduction
0910H - 0940H	Overview and Structure of Quality Management System
0940H - 1000H	Product Development Process & Design Controls: Concept Phase and D&P Phase
1000H - 1015H	Tea Break
1015H - 1100H	Product Development Process & Design Controls: D&D and V&V Phases
1100H - 1200H	Requirement Specifications: User Needs
1200H - 1230H	Risk Management: Hazard Analysis
1230H - 1330H	Lunch
1330H - 1515H	Hazard Analysis and Risk Controls Exercise on Ventilator [Case study]
1515H - 1530H	Coffee Break
1530H - 1600H	Risk Management: Product DFMEA Requirement Specifications: Design Input
1600H - 1630H	Experiences in early stage projects - common pitfalls, mistakes, pushing for dev timeline vs doing the documentation
1630H - 1700H	Implementing a QMS post-spin-off
1700H - 1730H	Q&A and Discussion

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: 4 Oct 2021 - 5 Oct 2021

RUN 2: 4 Apr 2022 - 5 Apr 2022

GMS_BD2DDTHI Design Thinking for Healthcare Innovation: Focusing on Identifying and Inventing for the Unmet Need (2 days)

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)

To find out more,

EMAIL: SBEquiry@hq.a-star.edu.sg

WEB: <https://www.a-star.edu.sg/sb>

