SINGAPORE BIODESIGN

DukeNUS Medical School

Run 1: 24 September 2026
Run 2: 24 March 2027



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

TGS-2025056061

Information updated as of September 2026*

Original Price	After SWDA Subsidies SC < 40yo & SPRs	SC ≥ 40yo & enhanced training support for SMEs
SGD 1,035.50	SGD 560.50	SGD 370.50

This workshop offers a practical and strategic overview of developing health and medtech innovations. Participants will gain insights into the key milestones required to advance a concept into a user-ready medical device, understand how to systematically de-risk innovation through early-stage risk assessment frameworks, and learn how to lay the groundwork for quality management systems suited for early-stage projects. By the end of the session, innovators will be equipped with actionable tools and knowledge to navigate development pathways, address risks proactively, and integrate quality practices from the outset.

HOW TO REGISTER?

Scan the QR Code. Refer to our registration guide **here**.

or, click **here**.

For **company sponsored applicants**, email us at **SBenquiry@sgbiodesign.sg** for registration instructions.

For more **SB HMT Workshops**, click **here**.

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LEARNING OUTCOMES:

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

- Analyse and articulate key design requirement specifications.
- Assess technology to design and develop functional proof-of-concept prototypes, and determine what tests are required to de-risk the project.
- Respond and manage potential product development risks, develop a mitigation plan and manage risks.
- Collaborates with different internal stakeholders (e.g. engineers and scientists) to define product requirements, develop prototype and validate results.
- Understand the required regulatory and quality requirements i.e. guidance documents, standards for different kinds of innovation projects; Able to design and carry out necessary tests and documentation.
- Apply basic quality management standards to ensure adherence to ISO standards in the early product development stages.