

## **Project Title**

Family Medicine Health-I-Hackathon (FMHIH) – fostering inter-disciplinary collaborations to develop innovative healthcare solutions

## **Project Lead and Members**

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## **Organisation(s) Involved**

Singhealth DukeNUS Academic Medical Centre

## **Healthcare Family Group(s) Involved in this Project**

Allied Health, Ancillary Care, Medical

## **Applicable Specialty or Discipline**

Anaesthesiology, Family Medicine, Internal Medicine, Obstetrics and Gynaecology, Ophthalmology, Orthopaedics, Pathology, Radiology, Diagnostic Radiography, Public Health, Medical & Laboratory Technology,

## **Project Period**

Start date: Mar 2018

Completed date: Mar 2018

## **Aims**

To create a platform for non-healthcare partners to brainstorm, create and design solutions for family and community clinical issues.

To foster collaborations between primary care professionals and non-healthcare partners.

## **Background**

See poster appended/ below

## **Methods**

See poster appended/ below

## **Results**

See poster appended/ below

## **Conclusion**

See poster appended/ below

## **Project Category**

Training & Education

Training Approach, Collaborative Learning

## **Keywords**

Family Medicine Academic Clinical Programme, Innovation Hackathon, Innovation Solution, Brainstorm, Collaborative Learning, Showcase Technology, FMHIH

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# Family Medicine Health-I-Hackathon (FMHIH) – fostering inter-disciplinary collaborations to develop innovative healthcare solutions



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Family Medicine Academic Clinical Programme

## INTRODUCTION

As healthcare landscape gets **more complex**, there is a need to **increase collaboration** to solve healthcare issues and challenges.

## OBJECTIVE OF THE FMHIH

- To create a platform for non-healthcare partners to **brainstorm, create and design** solutions for family and community clinical issues
- To **foster collaborations** between primary care professionals and non-healthcare partners

## METHODOLOGY

**1** The challenge for this inaugural FMHIH: “Improving Hand hygiene in the Primary Care Setting”

**2** Tertiary institutions in Singapore were invited to take part

**3** Clinic briefing and tour



Facilitated understanding of the challenge before the actual FMHIH



**4** During FMHIH

The teams presented their proposals in the preliminary & final rounds of presentation



Two judging panels consist of family physicians, nurses, allied health professionals, industrial experts and entrepreneurs



## RESULT

**9 teams (80 participants from seven institutions) took part**

**Exceeded our expectations!**

The winning proposal will be refined further for funding and implementation



## CONCLUSION - The successful launch of FMHIH has proven its potential to:

- Engage non-healthcare partners to identify **innovative solutions** to healthcare issues/challenges
- Allow non-healthcare partners to **gain insights** into important healthcare issues
- Encourage more **collaborations** between the healthcare and non-medical disciplines
- Showcase technologies** which can be adapted for healthcare applications