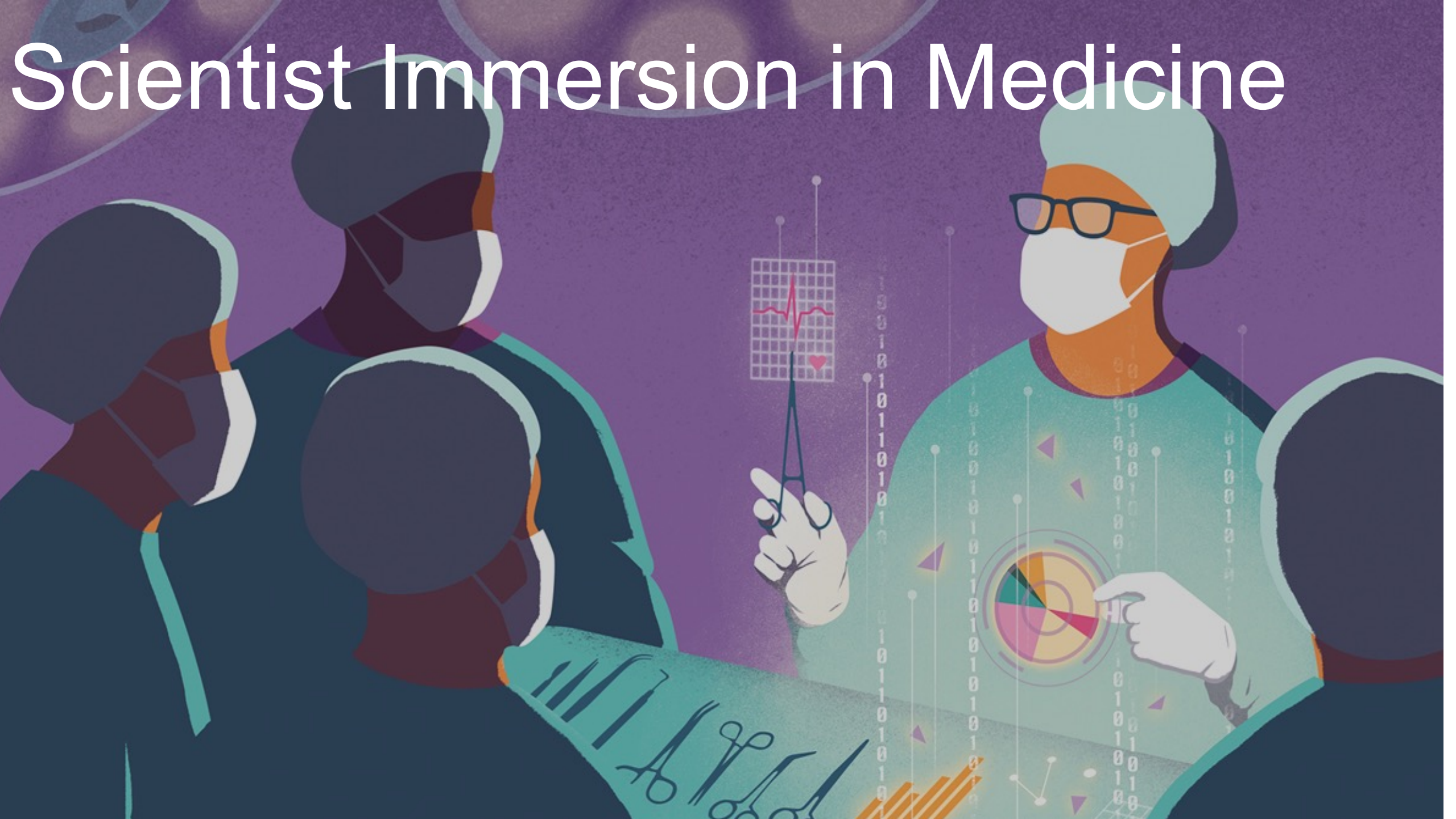


A few examples of current opportunities to be a part of or lead translational research and innovation in Cardiology

# Scientist Immersion in Medicine





**Innovation is a process that can be:**

**Learned  
Practiced  
Perfected**



# Stanford Biodesign

Breakfast with  
Paul Yock and  
Josh Mackower



STANFORD BYERS CENTER FOR  
**BIODESIGN**  
CELEBRATING 20 YEARS

September  
1999

2000

Stanford School  
of Medicine

2001

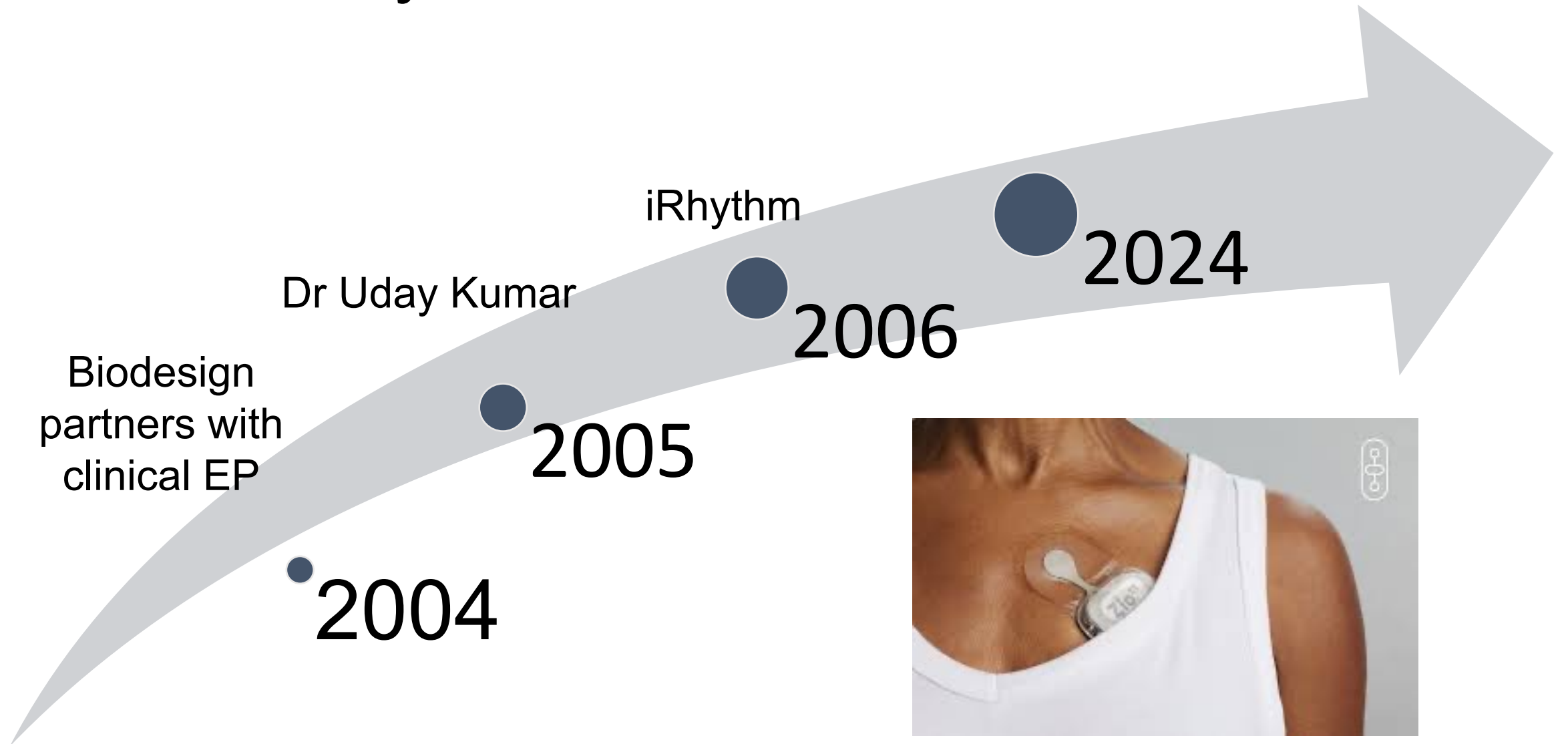
Biodesign 1 year  
fellowship  
Engineering,  
medical and  
business students

2021

Expansion to  
Life Sciences



# Case Study



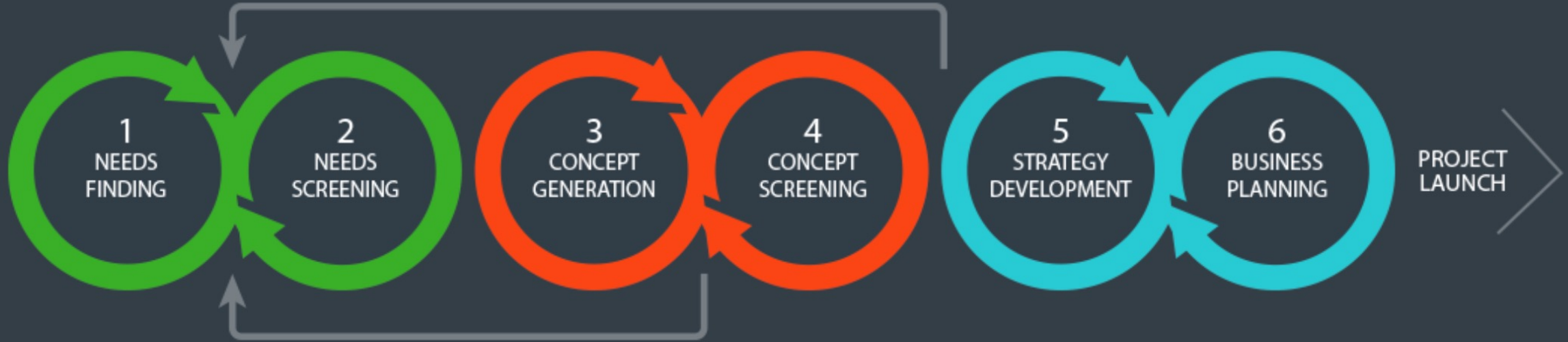
PHASES

IDENTIFY

INVENT

IMPLEMENT

STAGES



- Identify problems
- Learn about the people impacted
- Understand what changes are needed

Best way to identify need is to observe it directly in practice



# Mentors



Dr. Jonathon Leipsic, Radiology



Dr. Arthur Lee, CV Surgery

**2023-2024**



Dr. Steve Kim, CV Surgery



Dr. Philipp Blanke, Radiology



Dr. Andrew Thamboo, Rhinology

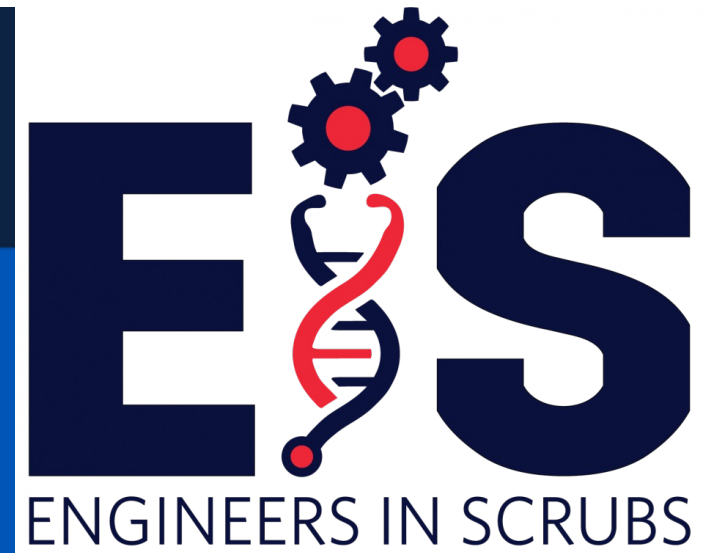


Dr. Janar Sathananthan, Interventional Cardiology



# Our team

- BC Reg Med
  - Fabio Rossi, Lisa Borecky
- SBME
  - Peter Zandstra, Raquel Desouza
- Engineers in Scrubs
  - Roger Tam
- CAPSTONE/FLEX
  - Peter Crompton, Robyn Newell, Carl DeBoer
- Providence Health Research Institute
  - Darryl Knight



PROVIDENCE HEALTH CARE  
Research Institute

**BC** REGMED

**SBME**  **UBC**  
SCHOOL OF BIOMEDICAL ENGINEERING