Research Theme
Health Systems and Population Health

Research Project Title
The AI Doctor will See You Now: The Doctor of the Future

Principal Investigator
Assoc Prof Josip Car, LKCMedicine

Project Description

Background
Realising the transformational impact of digital technologies on healthcare is closer than ever. Artificial intelligence will disrupt healthcare and create many paradigm shifts – one of them will be transforming the medical interview and consultations with doctors, as we know them today.

Proposed work
This PhD will study the phenomenon and aim to advance it through a range of mixed methods approaches. It will take an evidence-based approach to building steps and blocks needed to create a robust, safe and trusted solution whether the patient is consulting face-to-face, online or via any other digital communication channel.

This research work is highly multi-disciplinary, and will take the candidate through the fields of clinical sciences, healthcare, education/ andragogy (adult learning), engineering (computer sciences or software design), and behaviour change psychology. The candidate will also experience and undertake other fields in population health, including the modern epidemiology of chronic diseases, public health research, eHealth research, trials methodology, statistics and multi-method approaches. The candidate will also get involved in stakeholder engagement, including research teams across LKCMedicine; the National Healthcare Group (NHG), Singapore; IT implementation and industry partners.

Contact Us
If you have questions regarding this project, please email the Principal Investigator.
Assoc Prof Josip Car
josip.car@ntu.edu.sg