



Scale-up of a primary care intervention

for cardiovascular risk management in Indonesia – May 2019



The George Institute
for Global Health

Facts:

- Cardiovascular disease is responsible for one-third of all deaths in Indonesia and is the leading cause of premature mortality in the country.
- In the Malang district of Indonesia, one-in-three people aged over 40 are at high risk of heart attack or stroke but less than 10% receive effective and affordable preventive medicines.

Project cycle:

2019 – 2023

Partners:

The George Institute for Global Health, Australia and India

The University of Brawijaya, Indonesia

The University of Manchester, UK

University of Sydney, Australia

Malang District Health Authority, Indonesia

Jaminan Kesehatan Nasional, Indonesia

Supporters:

National Health and Medical Research Council (NHMRC), Australia

Global Alliance for Chronic Diseases

Background:

- The SMART*health* program has been shown to be effective in improving the use of cardiovascular disease (CVD) preventive drugs, and in lowering blood pressure levels among people at high CVD risk in pilot studies.
- The Malang District Health Authority has committed to fund the implementation of this program across 100 villages to provide proof-of-concept for sustainable scale-up, in partnership with a consortium of researchers.

Aims:

- To facilitate the process of SMART*health* scale-up in Malang District, East Java, Indonesia.
- To evaluate the effectiveness and costs of scale-up in the local context.
- To evaluate the scale-up process and thereby contribute to knowledge around expanding similar innovations globally.

Methods:

- Phase I will comprise a nine- to 12-month development period using implementation science methods to institutionalise critical components of the intervention.
- Phase II will involve a six-month test of scale-up in 20 villages to allow rapid end-user driven innovation and adaptation.
- Phase III will be a 24-month implementation phase among more than 250,000 people in 100 villages.
- Phase IV will comprise a six-month evaluation period to describe the process and effectiveness of scale-up.

Impact:

- Many innovations to improve healthcare are successful in pilot studies but most completely fail to be scaled in a sustainable manner. This “scale-up” study will provide definitive evidence to support long-term government investment into much wider implementation of SMART*health* regionally, nationally and, potentially, internationally.
- The study will also contribute to knowledge and skills regarding the ‘science of scale-up’.

Contact:

To find out more about this study, its principal investigators Professor Anushka Patel, Dr S. Sujarwoto or The George Institute for Global Health, please contact Julia Timms +61 410 411 983 or jtimms@georgeinstitute.org.au

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