



Global Brain Health Initiative: Living better longer

– December 2021



The George Institute
for Global Health

Facts:

- Every 3 seconds someone develops dementia.
- The global annual cost of dementia is \$1.3 trillion.
- The global annual cost of stroke is \$1.5 trillion.
- 1/3 of these cases can be prevented or delayed by modifying key risk factors.

Initiative Cycle:

2021 – Ongoing

Partners:

The George Institute
for Global Health

Imperial College London

University of Sydney, Australia

University of New South Wales,
Australia

Monash University, Australia

Université de Bordeaux, France

Supporters:

The George Institute
for Global Health

Principal Investigators

Director: Prof Craig Anderson

Academic Lead: Dr Cheryl Carcel

Program manager: Dr Xiaoying Chen

Background:

- Neurological disorders are a major cause of death and disability, worldwide. With population ageing, the disease burden and healthcare costs are expected to worsen in the future.
- While the numbers of people experiencing stroke and dementia/cognitive loss will continue to increase in high income countries, the relative and absolute numbers of these conditions, and associated impact, will be even greater in low- and middle-income countries where expertise and systems of care can be improved.

Aims:

- To develop and implement innovative solutions to improve and maintain healthy brain function throughout life.

Methods:

- The Global Brain Health Initiative will focus on four themes: healthy blood vessels and circulation; good memory; healthy lifestyles and enhanced health systems including new technologies.
- Our approach includes a focus on prevention, treatment and recovery; large-scale population and clinical studies and big-data analytics; new and repurposed technologies and drug treatments; global multidisciplinary collaboration; engagement with consumers, healthcare providers and policy makers.

Impact:

- This Global Brain Health Initiative will transform and improve the health of hundreds of millions of people around the world.
- Delaying the onset of stroke and dementia by just a few years would have tremendous social benefits and save hundreds of billions of dollars a year.
- The Initiative will find solutions to one of the world's biggest health issues through key research and better systems for equal access to affordable healthcare.
- It will form strategic partnerships, design and implement disruptive large-scale projects, influence policy change, support entrepreneurship and provide training.

Contact:

To find out more about the Global Brain Health Initiative and its principal investigator Prof. Craig Anderson or The George Institute please contact contact Tina Wall +61 410 411 983 or twall@georgeinstitute.org.au

The George Institute For Global Health:

We're improving the lives of millions of people worldwide through innovative health research. Working across a broad health landscape, the Institute conducts clinical, population and health system research aimed at changing health practice and policy worldwide.