

‘Aboriginal Community-Led Diabetic Retinopathy Prevention: An Innovative Model of Eye Care for Understanding Risk and Early Detection’

Rosamond Gilden and Courtney Hammond
on behalf of Research Investigators

Medical Research Future Fund (MRFF) – Indigenous Health
Research Round (APP1201500)

21 April 2021

Acknowledgment

Acknowledge and respect the traditional custodians of the lands we are meeting upon here today, the Kurna people. I acknowledge the deep feelings of attachment and relationship of the Kurna people to their place. I also pay respects to the cultural authority of Aboriginal and Torres Strait Islander peoples visiting/attending from other areas of South Australia/Australia present here.

Wardliparingga Aboriginal Health Equity, SAHMRI



South Australian
Health and Medical
Research Institute
(SAHMRI)



WARDLIPARINGGA

Led by Professor Alex Brown, the **Aboriginal Health Equity Theme** aims to establish the nation's leading research unit focused on reducing inequity in health and wellbeing among Australia's First peoples, and the development of the next generation of Indigenous research leaders.



Cardiometabolic Disease Program
Prof Alex Brown



Population Health

Dr Odette Pearson



Health Services and
Systems

Kim Morey



Implementation
Science

Dr Natasha Howard



Capacity
Development

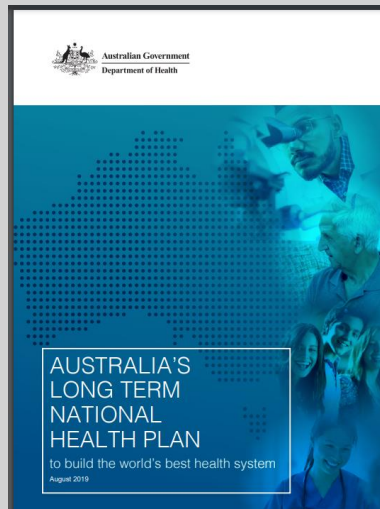
Dr Karla Canuto

Four Platforms

Adolescent Health & Wellbeing
A/Prof Peter Azzopardi

Aboriginal Eye Health Project

- The Australian Government endorsed a 3-year project as part of the Medical Research Future Fund (MRFF) Indigenous Health Grant Round.
- \$1.4 million was provided to increase early detection, screening and treatment of diabetic retinopathy (DR).



Research Investigator Group members



watto purrunna



Prof Jamie Craig
A/Prof John Landers
A/Prof Johan Verjans
Dr. Stewart Lake
Dr Tim Henderson
Jose Estevez

Dr Natasha Howard
Dr Odette Pearson
Kurt Towers
Dr Kootsy Canuto
Kim Reilly
Kim Morey

Priority...ending avoidable Indigenous blindness by 2025

Stages of Aboriginal Eye Health Project

- We seek to co-design, implement and evaluate an eye healthcare strategy action plan that considers the specific needs of Aboriginal and Torres Strait Islander people and communities.

Co-design a community-led eye healthcare strategy action plan targeting the unmet social, cultural and clinical eye health needs of Aboriginal and Torres Strait Islander people.

Stage 1: Co-design



Implement the community-led eye healthcare strategy action plan within service settings from Stage 1

Stage 2:
Implementation



Evaluate the intervention impact on strengthening the service system capabilities, screening rates, treatment coverage and vision related outcomes.

Stage 3: Evaluation



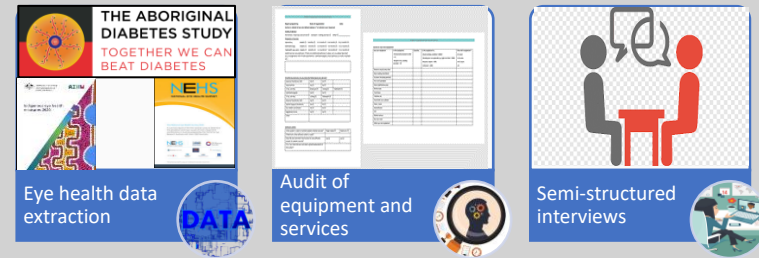
Stage 1: Co-design

Co-design a community-led eye healthcare strategy action plan targeting the unmet social, cultural and clinical eye health needs of Aboriginal and Torres Strait Islander people.

Stage 1: Co-design



Stage 1a: Understanding local eye health needs.



Stage 1b: Synthesise local evidence to inform a co-design stakeholder workshop and develop eye healthcare strategy action plan



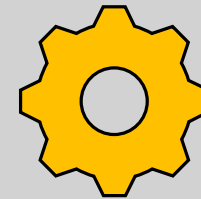
Stage 2: Implementation

Implement the
community-led eye
healthcare strategy
action plan within
service settings from
Stage 1

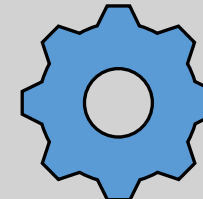
Stage 2:
Implementation



Components involved in setting up DR screening program will be tailored to local community needs and embedded in clinical practice.



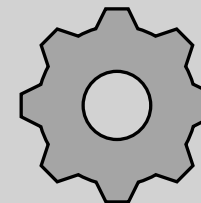
Governance and
leadership



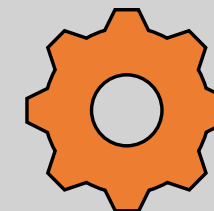
Service delivery



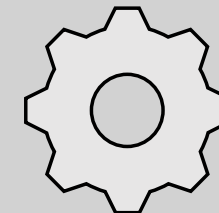
Health workforce



Access



Health management
information systems

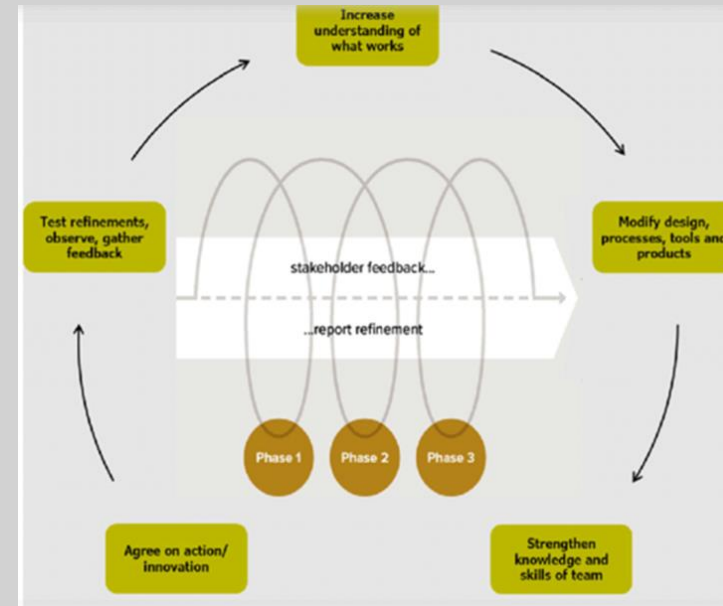
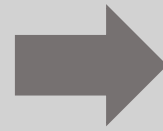


Infrastructure

Stage 3: Evaluation

Evaluate the intervention impact on strengthening the service system capabilities, screening rates, treatment coverage and vision related outcomes.

Stage 3:
Evaluation



What is our goal at the end of the project?

Our goal is to share with regions across the country, a list of key principles required to deliver a culturally appropriate, integrated and sustainable DR screening program for Aboriginal and Torres Strait Islander peoples.

Knowledge Translation definition: “The synthesis, exchange, and application of knowledge by relevant stakeholders to accelerate the benefits of global and local innovation in strengthening health systems and improving people’s health.” (WHO, 2005)

Knowledge Translation – How?

- Success Stories or Case Studies
- Research summaries
- Toolkits, tutorials
- Promotional material
- Conceptual papers
- Fact sheets

Products



- Talks
- Conferences
- Symposia
- Workshops or Training Sessions

Events



- E-bulletins
- Newspaper articles
- Radio or TV
- Multimedia such as videos, podcasts, PowerPoint presentation

Networks & Media



?

Other?



- What knowledge translation strategy would your organisation require to implement or support a DR screening service?

Thank you

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