

Mid point review of the NHMRC CKD.CRE

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UQ CCR, University of Queensland

I respectfully acknowledge the Turball people who are the Traditional Owners and Custodians of the land on which the RBWH stands today, and acknowledge the Elders, past and both present.

- Acknowledge injustices, past and ongoing
- 50th anniversary of referendum recognising Indigenous people as citizens.
 - Hope for continual progression to a better future

NHMRC CRE Scheme



Funds innovative, high quality clinical research ...

Leading to improved health outcomes for the community

Fosters training of clinical researchers,

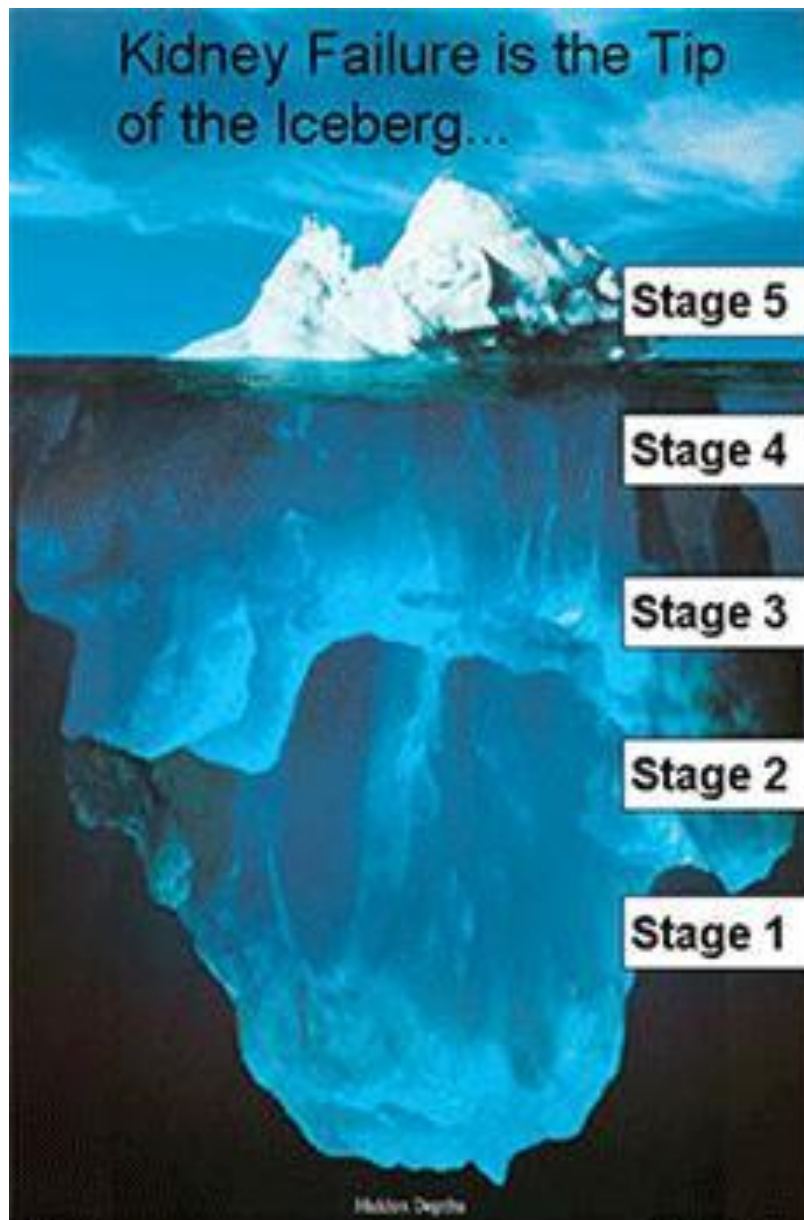
Ensures effective translation of research outcomes into clinical practice

Encourages collaboration

*among institutions, state, countries
between basic and clinical research
among different clinical disciplines*

Incorporates community consultation

*describes processes for consultation
includes issues related to Indigenous Australians.*



Definition based on GFR estimated from serum creatinine,

e-GFR <15

e-GFR 30-15 , w/wo proteinuria

e-GFR <30 -59 w/wo proteinuria

e-GFR 60-<90,
plus kidney damage or proteinuria

e-GFR>90
plus kidney damage or proteinuria

CKD knowledge gaps

- **Definitions:** biochemical, clinical
- **Diagnosis:** underdiagnosis, overdiagnosis
- **Distribution:** in and among populations
- **Causes:** multideterminant, unemphasised, unknown
- **Course:** spectrum, markers and predictors of progression, stability, recovery.
- **Interventions:** underutilised, inappropriate, undiscovered
- **Management:** what gives added value, what is not useful
- **Health services:** type, access ,effects, patterns of use
- **Costs:** compartments, cost benefits, cost efficiencies
- **Dialysis:** delaying, minimising, access, portability, costs and alternatives



2015-2019

“We will establish a Centre for Research Excellence to pursue a five year program of research, capacity building, education and training in chronic kidney disease (CKD). It will be based upon structures, collaborations and projects established over the last five years.

It will have several research themes: CKD surveillance and case finding, practice improvement, biomarker research and health economics. The CRE is also a natural setting for the conduct of clinical trials.

Findings will be translated into strategies to improve CKD detection, to improve its management, while containing costs, to reduce CV deaths and to contain rates of renal failure and RRT”.

CKD.CRE Collaborators



Australian Government
National Health and Medical Research Council
NHMRC

Australian Government
Australian Institute of Health and Welfare

THE UNIVERSITY OF QUEENSLAND AUSTRALIA

QUT

Queensland Health
Queensland Government

QAIHC
Queensland Aboriginal and Islander Health Council

CKD QLD

KIDNEY
support network

Department of Health
GOVERNMENT OF WESTERN AUSTRALIA



UNSW
THE UNIVERSITY OF NEW SOUTH WALES

THE UNIVERSITY OF SYDNEY

NSW Health
GOVERNMENT

K
KIDNEY HEALTH AUSTRALIA

UNIVERSITY of TASMANIA

Tasmania
DEPARTMENT OF HEALTH and HUMAN SERVICES

THE UNIVERSITY OF MELBOURNE

State Government of Victoria
Department of Health

Western Health

Chief Investigators

Prof Wendy Hoy, CCD, University of Qld

Dr Helen Healy, MNHHS,, Queensland Health

Prof Ann Bonner, Nursing Research, QUT

Prof Geoff Mitchell, General Practice University of Qld

Prof Zoltan Endre, Nephrology, University of NSW

A/Prof Glenda Gobe, TRI, University of Qld

Prof Jeff Coombes, Human Movt, University of Qld

Prof Robert Fassett, Human Movt University of Qld

A/Prof Katie Panaretto, Indigenous Health JCU

Prof Luke Connelly, Health Economics, University of Qld



Associate Investigators

Prof Ben White; Law, QUT

Dr Carol Douglas; RBWH Palliative Care

Dr Craig Nelson; Nephrology, Western Health, VIC.

Mr Dallas Leon; CEO, Mount Isa Aboriginal CCHS

Dr David Waugh; Nephrologist, RNSH

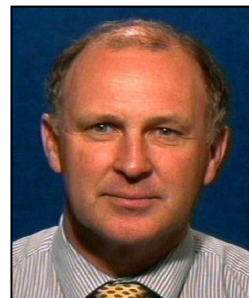
Prof Hemant Kulkarni; Nephrologist, SMHS, WA

Dr Ken-soon Tan; Nephrology, Logan Hospital

Prof Mark Brown; Nephrology, St George & UNSW

Prof Matthew Jose; Renal Medicine, Utas

Prof Patsy Yates; Palliative care & Nursing, QUT



Consultancy and Engagement Committee



Chair. David Harris
President; ISN
Professor of Medicine
The University of Sydney



Sean Emery
Deputy Executive Dean
and Research Dean
Faculty of Medicine
University of Queensland



Mikaela Stafrace
Chief Executive Officer,
Kidney Health Australia
(KHA)



Sri Sathiyendra
Manager
Credit, Commercial & Private
QLD & NT
Australia and New Zealand
Banking Group



Helen Edwards
Assistant Dean
(International and Engagement)
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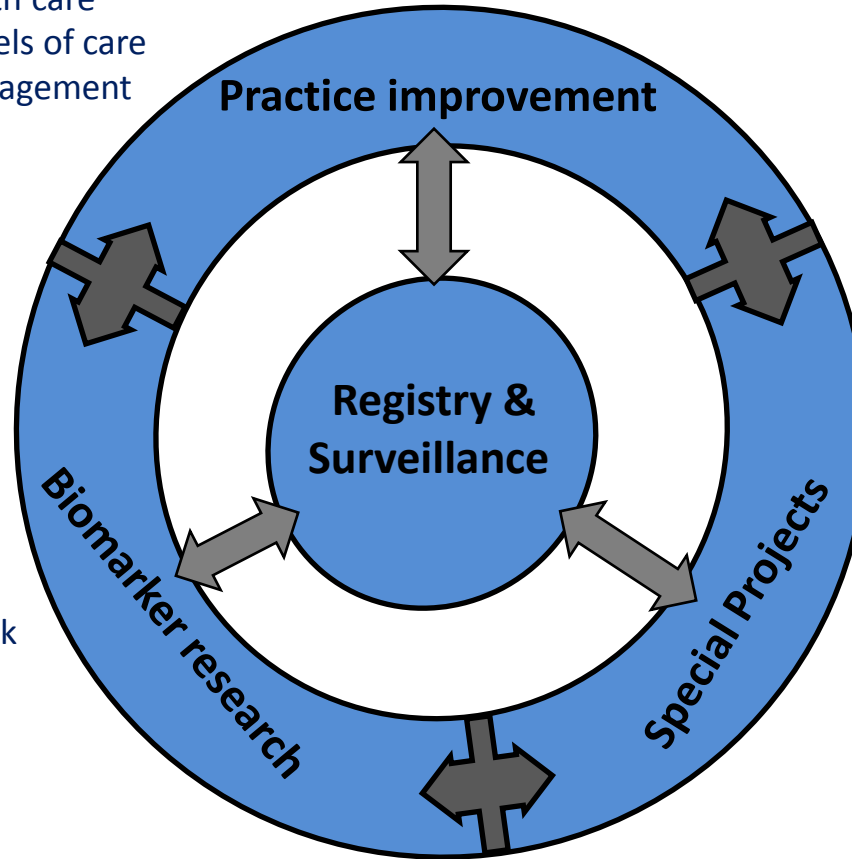


Helen Edwards
Assistant Dean
(International and Engagement)
Faculty of Health,
QUT

***Consumer engagement
Translation opportunities
Expand contacts
Heighten visibility
Encourage ongoing relevance
Sustainability***

CKD.CRE Research and Practice Platform

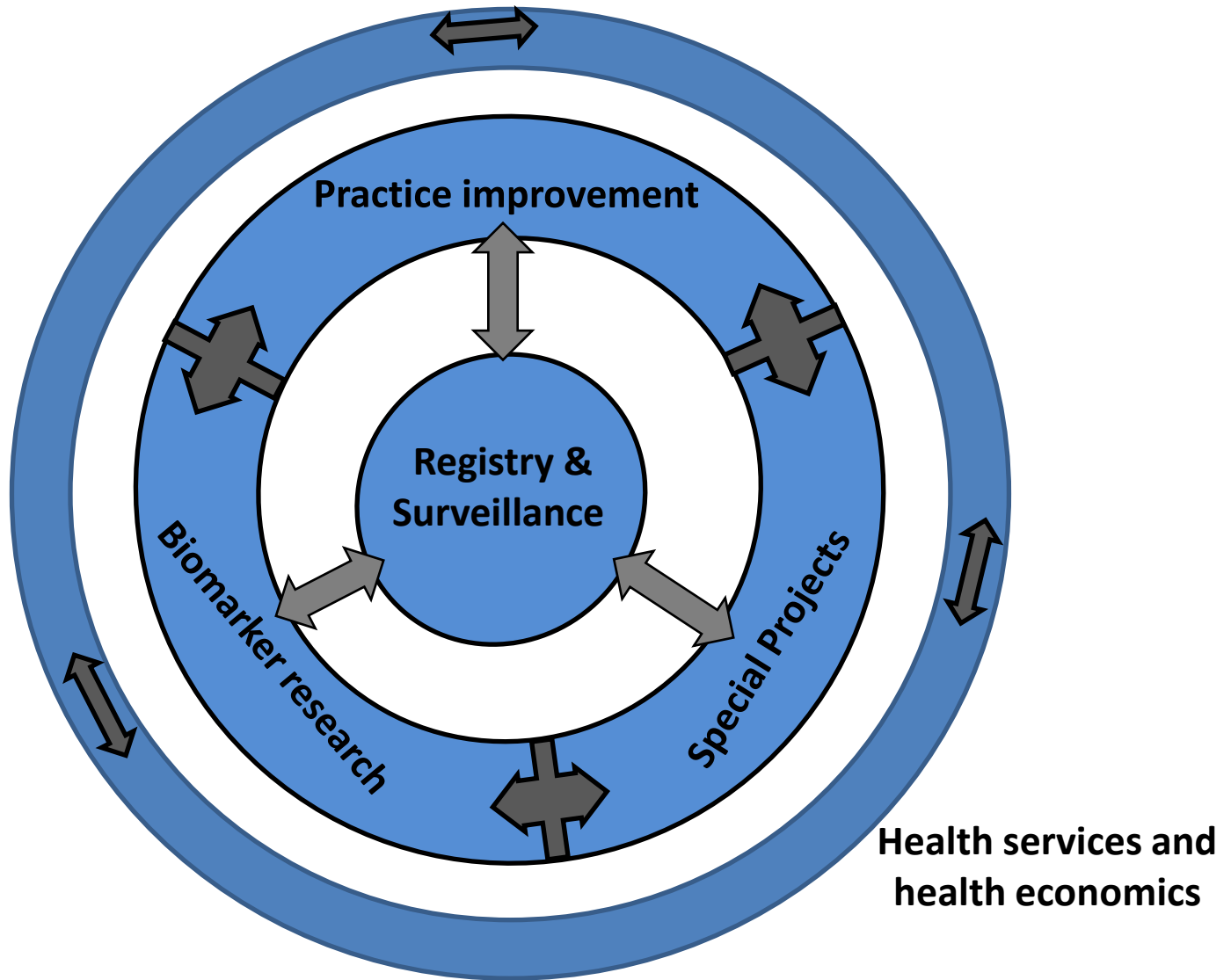
- Renal supportive & pall care
- Primary health care
- Nursing models of care
- CKD self management



- CKD.Biobank
- Biomarkers
- Genetics

- Clinical trials
- Sponsored projects
- Investigator initiated projects

CKD.CRE Research and Practice Platform



Mid point

All themes populated

All ethics approvals in hand

Excellent trainees and students

Some giant projects formulated

Many presentations

Manuscripts from most streams

\$ >>1.6 million leveraged

International engagement

Acknowledgements

Amgen,

Roche,

Sanofi Genzyme

AUSHI

NHMRC of Australia

University of Queensland

Queensland University of Technology

Queensland Health

Our administrative and support staff

Our scientific staff

Our students

And especially Anne Cameron and Carolyn Hinds-Edwards