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Supported by the NHMRC. Supported by AMGEN Nephrology and Kidney Health Australia.

Aim: To provide a first year progress report on the NHMRC CKD.CRE

Background/Methods: The Centre is dedicated to improving knowledge of CKD and its management across the health care spectrum. Although based at The University of Queensland, the Centre includes collaborators in almost every state/territory. Its core research streams are CKD surveillance, practice improvement, biomarker research and health economics. The CKD.CRE began its 5 year program in 2015.

Results: Each stream is now established:

CKD.QLD Registry, now in its 6th year, has 6,821 patients enrolled, with ~19,000 person follow-up yrs.
CKD.GLQ is affiliated with the ISN’s INET.CKD1, a global collaborative of CKD surveillance bodies.
CKD National Surveillance Network: In development. First phase: CKD.GLQ patients and potentially thousands from eGDNNA (Audit4-users) with a data extraction tool now developed by SAE.
Glomerulonephritis Registry: pilot collaboration with Q.H, with National aspirations.
Indigenous CKD Surveillance collaborating with the Queensland Aboriginal & Islander Health Council [QAIHC], and potentially with Durr [NSW]. In discussion.
Australian Health Survey [Dr Marie Ludlow, KHA]: further analysis of CKD “Hotspots”. In discussion.

CDK.GLQ Registry, now in its 6th year, has 6,821 patients enrolled, with ~19,000 person follow-up yrs.
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CDK care in primary care [Keeping-Kidneys]
Primary Care referral study: pilot study [RBWH]
Hospital avoidance in high-risk multi-morbid patients in general practice [Gold Coast Integrated Care Project]
Evaluation of a new renal supportive care program at Metro North Kidney Health Service, in collaboration with the St George Renal Service.
Nurse-led projects in in self-management, symptom burden and renal supportive care.
CDK.Telehealth, a multi site study of internet and phone use by people with CKD.

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Capacity building/education: includes 5 [funded] post-doctoral fellows and 9 RHD students, with 7 affiliated clinician researchers [medical and nursing].
Research translation and engagement: is facilitated by a “Consultancy and Engagement Committee” comprised of nephrologists, representatives of the AHW, and peak academic and private bodies including Kidney Health Australia.
Selected Outcomes: • presentations local, state, national and international meetings ≥40 2015-2016 financial year.
• 9 articles and 1 book chapter have been published [see listing], with 6 in the process of submission.
• additional leveraged grants totalling $515,000, to date
• meeting highlights: 2015 NHMRC CKD.CRE Colloquium; 2016 Kidney Supportive Care Masterclass

Conclusion: The NHMRC CKD.CRE is in-line with its projected 5-year framework, and is both actioning and equipped to conduct innovative, high quality, collaborative research.

Publications

Querries please contact the NHMRC Chronic Kidney Disease Centre for Research Excellence ckd.cre@uq.edu.au or phone +61 7 3346 4995.

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