



Parenthood with Kidney Disease

Research Group

Research update

Jan-Dec 2021



Updates on current projects:

Perinatal, [ANZDATA registry](#), hospital data linkage study- Ongoing

- Methodology paper published: [click here](#)
- Birth rates in women with kidney failure paper published: [click here](#)
- Pregnancy and birth outcomes: journal submission underway
- Labour and delivery outcomes: drafting manuscript

Consumer perspectives of pregnancy education in women with kidney disease: a national survey with Dr Belinda Stallard- drafting manuscript

- >100 responses

Kidney doctors' perspectives on the management of pregnancy in women with chronic kidney disease: an interview study with Dr Mel Wyld and Prof Allison Tong- currently conducting interviews

Parenthood in people with kidney failure: evolution and evaluation of the parenthood data collection of the ANZDATA Registry with Dr Rhea Danner and Prof Stephen McDonald- drafting manuscript

Preeclampsia in pregnancies after kidney transplantation: determinants and impact on pregnancy and graft outcomes with Dr Joe Lu- journal submission underway

Chronic kidney disease and cardiac disease in pregnancy registry with Dr Jarrad Hopkins, Ms Emily Aldridge, Dr Prabha Andraweera and Prof Margaret Arstall

- **Study protocol submitted to BMJ-Open:** A South Australian prospective cohort study of maternal kidney and cardiac diseases in pregnancy

Comparison of catheters or arteriovenous fistula for commencement of haemodialysis in pregnant women with chronic kidney disease: An international observational study- Submitted to Journal of Nephrology

Pregnancy and kidney disease: It is time for the birth of prospective registries- A/Prof Shilpa Jesudason: [click here](#)

Grant successes:

- **The Hospital Research Foundation 2021 Women's Health Grant Round**, \$150,000 awarded to project titled "*The Kidney Mums Project: Advancing pregnancy planning and care for women with kidney disease*"- A/Prof Shilpa Jesudason (CIA), Dr Erandi Hewawasam (CIB), Dr Charmaine Green (CIC) and Prof Stephen McDonald (CID). Associate investigators: Dr Richard Le Leu, Pregnancy Consumer Advisory Group, Ms Kelli Owen, Prof Claire Roberts, A/Prof Margaret Arstall, Dr Prabha Andraweera, Dr Janet Kelly, Ms Emily Aldridge, Dr Jarrad Hopkins and Ms Amy Graham
- **Women's Health Research Translation Network Early and Mid-Career Researcher Funded Award 2021**, \$15,000 awarded Dr Erandi Hewawasam

Our team:



A/Prof Shilpa Jesudason
Kidney Doctor
Project Lead



Prof Stephen McDonald
Kidney Doctor



Dr Erandi Hewawasam
Researcher
Project manager



Dr Christopher Davies
Researcher



Parenthood with Kidney Disease

Research Group

Research update

Jan-Dec 2021



Conference presentations:

- **World Congress of Nephrology:** *“Maternal characteristics and birth outcomes for mothers receiving kidney replacement therapy: An analysis of linked ANZDATA Registry and Perinatal datasets over 22 years”* - **selected as one of the top two abstracts submitted to the congress and presented in “Late breaking clinical trials and best of abstracts” session**
- **The Transplantation Society of Australia and New Zealand:** *“Maternal characteristics and birth outcomes for mothers after kidney transplantation: An analysis of linked ANZDATA Registry and Perinatal datasets over 22 years”*
- **Australia and New Zealand Society of Nephrology:** *“Comparison of maternofetal outcomes for births in women before and after commencement of kidney replacement therapy using linked ANZDATA and Perinatal Datasets”*
- **Society of Obstetric Medicine of Australia and New Zealand:** *“What do you want to know and how do you want to know about it? Consumer perspectives of pregnancy counselling and education in women with kidney disease: a national survey”* **Dr Belinda Stallard was awarded the President’s prize**
- **Australian Society for Medical Research-SA annual meeting:** *“Maternofetal outcomes in women with kidney failure”*

Get in contact:

08 8128 4248 erandi@anzdata.org.au

Consumer activities:

We are very grateful for the contributions of members of the parenthood advisory group to pregnancy in kidney disease research. In 2021, our consumers have been involved in:

- Designing research studies
- Setting research priorities
- Developing data collection tools and consumer friendly visual summaries of research outputs
- Attending and presenting at scientific meetings: Consumer and Community Engagement Summit (SAHMRI and Health Translation SA)

We have held four consumer advisory group meetings in 2021

Parenthood advisory group:

- Ms Jane Boag
- Dr Shyam Muthuramalingam
- Dr Charmaine Green
- Mrs Adela Tolic
- Ms Laura Heffernan
- Mrs Amber Williamson
- Dr Brooke Huuskes
- Ms Kelli Owen

What’s next:

- ANZDATA parenthood survey special report
- A toolkit for consumers (educational resources, visual summaries)

