



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



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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:

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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
- Mrs Carolina Maistry

What’s next:

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

