

RESEARCH REPORT

2017

RENAL DEPARTMENT
ST GEORGE & SUTHERLAND
HOSPITALS



It is a great privilege to present the annual research report for 2017. I will take this opportunity to highlight some of the year's key achievements.

Renal Supportive Care continues to be increasingly recognised nationally and internationally. As a result, Dr Brennan was invited to deliver lectures in Australia as well as overseas. Dr Maria Chan was invited to present at the 8th Asia Pacific Chapter Meeting of International Society for Peritoneal Dialysis to provide a dietitian perspective.

Researchers at the department of Renal Medicine published 27 articles in peer-reviewed journals and one book chapter. Importantly, a review of the iConnect CKD-Virtual Medical Consulting clinic was published. This programme demonstrated safe, expedited and efficient patient follow up with a clinical and web based programme and received support from both GPs and patients.

The CKD-FIX Study – an evaluation of the effect of allopurinol on the progression of chronic kidney disease continued this year. 369 patients have been recruited for this trial and results are expected in 2019. We envisage participating in more multicentre and collaborative studies in coming years.

Another highlight of 2017 was the number of published peer-reviewed manuscripts and presentations by our nursing and allied health team. The contributions of nurses Elizabeth Josland, Alison Smyth, Yanella Martinez-Smith, Kylie Turner, Tania Burns, Jennifer Beddoe, Claire Cuesta, Emma Vella, Maria De Rueda, Fiona Robinson, Saiyini Pirabhahar; social worker Hannah Burgess and dietitians Jessica Stevenson, Su Bahceci and Dr Maria Chan are vital to the research output of our unit.

Finally, I would like to take this opportunity to highlight that we are committed to support our junior medical staff and medical students in developing interest and skills research. Opportunities are available for candidates interested in pursuing Masters and PhD studies.



A/Prof. Sunil Badve

Head of Research

St. George Renal Department



Professor George Mangos

Director, Dept. Renal Medicine

Head of Department

Professor George Mangos MBBS, MD, FRACP

Senior Consultant Staff

Professor Mark Brown MBBS, MD, FRACP

Associate Professor John Kelly MBBS, MD, FRACP

Associate Professor Ivor Katz MD, MBBCh, FCP(SA), BSc Honours, PhD, FRACP

Associate Professor Sunil Badve MBBS, MD, DNB, FRACP, PhD, FASN

Dr Parthasarathy Shanmugasundaram MBBS, DM, FRACP (Conjoint Lecturer, UNSW)

Dr Cathie Lane B.Pharm. B.Med FRACP, Grad Cert ULT, PhD (Conjoint Lecturer, UNSW)

Dr Franziska Pettit MB BCh, BAO, MSci, MRCPI, FRACP

Dr Frank Brennan MBBS, FRACP, FACHPM, LLB- Consultant Palliative Care Medicine

Dr Chenlei-Kelly Li MBBS, FRACP



Research Staff

Research Fellows & students

Dr Wing Chi Gigi Yeung (MBBS (Hons 1) MMed (ClinEpi))

Research Officers

Saiyini Pirabhahar (BNurs, MHLthSci, PGrad Dip Med Lab Sci)

Paula Williamson (RN, RM, Grad.Dip.Counselling)

Nursing & Allied Health contributors to Research

Alison Smyth (RN, B Health Sci. (Nursing), Grad. Dip. Health Sci. (Nursing))

(Anna) Claire Cuesta (RN, BScNsg, Grad Cert Acute Care Nursing – Renal)

Elizabeth Josland (Grad Dip Nurs, MPH)

Hannah Burgess (BSocWk)

Jennifer Beddoe (BNurs, Grad. Dip. Mid)

Jessica Stevenson (APD, Bach HSc (nutrition) MND. PhD candidate)

Kylie Turner (RN, Bnurs, Grad Cert Renal Nursing)

Maria Chan (BSc(Hons), M NutrDiet, GradDipExSpSc, PhD, AdvAPD)

Tania Burns (RN, Grad Cert. Acute Care Nursing (Renal), MPhil)

Yanella Martinez-Smith (BNurs, MNursAP)

RECENT AND ONGOING RESEARCH PROJECTS

Chronic Kidney Disease (CKD)

1. CKD-FIX study
2. Hypertension in CKD
3. Oral iron (Daprodustat) compared to darbepoetin alfa in dialysis and non-dialysis CKD patients (ASCEND-D & ASCEND-ND)
4. Polycystic kidney disease and water intake.

Hypertension in pregnancy

1. Body composition in post-partum women.
2. Post-partum physiology, psychology and paediatric outcomes for women with pre-eclampsia (the 'P4' study).

Peritoneal and Haemodialysis

1. Peritoneal Dialysis Outcomes and Practice Patterns Study (PDOPPS)
2. Failure to mature, reduced survival and morbidity with the Fistula First Initiative for HDx access
3. DAMPER- Dietary Approach to Manage Progressive and End stage Renal disease.

Transplant

1. Screening kidney transplant recipients for coronary artery disease (CARSK)

Renal Supportive Care

1. The outcomes of patients on a Renal Supportive care pathway
2. Is true consent for dialysis always given?
3. Predicting the outcome for patients on a conservative care pathway
4. Experiences of patients and carers of people with advanced CKD on non-dialysis pathway

PRESENTATIONS

Invited Lectures – Local

1. **Brennan F.** Ethics and End of Life. Notre Dame University, Sydney, Jan 25th 2017.
2. **Brennan F.** Cardiology and Palliative Care. Cardiology Grand Rounds. Port Macquarie. Mar 1st 2017.
3. **Brennan F.** Uraemic Pruritus study proposal. PaCCSC Research Forum, Sydney. Mar 2nd 2017.
4. **Brennan F.** Delirium in Palliative Care. Hastings Palliative Care Education Day. Port Macquarie. May 12th 2017.
5. **Brennan F.** End of life pathways. Dying Matters: Ensuring a Good Death in Dementia and Other Disease. Garrawarra Hospital, Sydney. May 18th 2017.
6. **Brennan F.** “Miracle” Palliative Care Week. Calvary Hospital, Sydney. May 23rd 2017.
7. **Brennan F.** End of Life in Renal Disease. Baptist Care Aged Care Conference. Baulkham Hills, Sydney. May 25th 2017.
8. **Brennan F.** New developments in Renal Supportive Care. Symptom Management in End Stage Kidney Disease. Renal Supportive Care Workshop, Broken Hill. Jun 15th 2017.
9. **Brennan F.** Symptom Management in End Stage Kidney Disease. Renal Supportive Care Workshop, Broken Hill. Jun 15th 2017.
10. **Brennan F.** Symptom Management in End Stage Kidney Disease. Renal Supportive Care Evening for General Practitioners, Broken Hill. Jun 15th 2017.
11. **Brennan F.** New developments in Renal Supportive Care. Symptom Management in End Stage Kidney Disease. Renal Supportive Care Workshop, Broken Hill. Jun 16th 2017.
12. **Brennan F.** Symptom Management in End Stage Kidney Disease. Renal Supportive Care Workshop, Broken Hill. Jun 16th 2017.
13. **Brennan F.** Informed Consent. St George Hospital Interns. Sydney Jul 12th 2017.
14. **Brennan F.** The growing interface of Palliative Care and non- malignant disease. Grand Rounds, St George Hospital. Sydney Jul 13th 2017.
15. **Brennan F.** Diabetes, Cardiac Failure and Palliative Care. Diabetes and Vascular Master Class, Sydney. Jul 22nd 2017.
16. **Brennan F.** Leadership and experience in medicine. Leadership in Medicine Day, Medical students from NSW Medical Schools, University of New South Wales. Aug 8th 2017.
17. **Brennan F.** General Communication Skills - Facilitated discussion. Renal Supportive Care – Psychosocial Aspects of End Stage Kidney Disease. St George Hospital. Aug 10th 2017

18. **Brennan F.** Symptom Management in End Stage Kidney Disease. Renal Supportive Care Symposium, St George Hospital. Aug 11th 2017
19. **Brennan F.** *"But I want it!" Difficult communication challenges in Palliative Care. Panel Discussion.* Sydney Institute of Palliative Medicine (SIPM), Concord Hospital. Aug 15th 2017.
20. **Brennan F.** Palliative Care – concepts and values. Volunteers, Calvary Hospital, Sydney. Aug 23rd 2017.
21. **Brennan F.** *Palliative Care. Public Forum on Euthanasia and Physician Assisted Suicide.* NSW State Parliament Theatre. Sep 9th 2017.
22. **Brennan F.** *How do we effectively communicate with dying patients?* Catholic HealthCare Conference, Catholic Institute of Sydney. Oct 25th 2017.
23. **Brennan F.** *Palliative Care – concepts and practice.* University of NSW. Medical students. Oct 30th 2017.
24. **Brennan F.** *Practical cancer pain management.* University of NSW. Medical students. Oct 31st 2017.
25. **Brennan F.** *Palliative Care and the Euthanasia/Physician Assisted Suicide Bill before the NSW Legislative Council.* Press Room, NSW Parliament House. Nov 11th 2017.
26. **Brennan F.** *Symptom Management in End Stage Kidney Renal Supportive Care.* Kidney School, Sydney. Nov 21st 2017.
27. **Brennan F.** *Symptom management in End Stage Kidney Disease.* Renal Supportive Care Education Day, St George Hospital. Nov 29th 2017.
28. **Brown MA.** Pre-eclampsia Update. Intensive Care Department. St George Hospital. Sydney. May 9th 2017.
29. **Brown MA.** Informed consent for dialysis. Department of Renal Medicine. Orange Base Hospital, NSW. May 26th 2017.
30. **Brown MA.** Pre-eclampsia and long term heart health: Case Study. National Heart Foundation Women and Heart disease forum. Sydney. June 14th 2017.
31. **Brown MA.** HOPE: Helping Older People with End-stage kidney disease. SESLHD Improvement and Innovation Forum. POW Hospital. June 20th 2017.
32. **Brown MA.** Better health for homeless men. SESLHD Improvement and Innovation Forum. POW Hospital. June 20th 2017.
33. **Brown MA.** New developments in Renal Supportive Care. 8th Renal Supportive Care Symposium. St George Hospital. Sydney. August 11th 2017.
34. **Brown MA.** Renal Supportive Care. Kidney School for Nephrology trainees. Royal Australasian College of Physicians. Sydney. November 21st 2017.
35. **Brown MA.** Panel discussion: Ethics and decision making for patient with ESKD. Renal Society of Australasia Annual Conference. Sydney. June 21st 2017.

36. **Brown MA.** Supportive Care in Chronic Kidney Disease. ANZSN teaching program: Unravelling the Secrets of Kidneys. Sydney. July 9th 2017.
37. **Hoffman A.** "Renal Supportive Care in conservatively managed patients with advanced CKD" Experiences of patients and their carers/ families. Patient Experience Symposium. May 2nd 2017.
38. **Josland E.** Introduction to Renal Supportive Care. In-service. 4South St George Hospital. Feb 8th 2017.
39. **Josland E.** Renal Supportive Care Nursing: Approaching End of Life in End Stage Kidney Disease (dialysis or non-dialysis). Renal Supportive Care Symposium, Broken Hill. Jun 15th 2017.
40. **Josland E.** Renal Supportive Care, Overview, Renal Appropriate of End of Life Care. Renal Supportive Care Symposium - GP Evening, Broken Hill. Jun 15th 2017.
41. **Josland E.** Renal Supportive Care Nursing: Approaching End of Life in End Stage Kidney Disease (dialysis or non-dialysis). Renal Supportive Care Symposium, Broken Hill. Jun 16th 2017.
42. **Josland E.** Introduction to Renal Supportive Care. In-service. 4South St George Hospital. Jul 10th 2017.
43. **Josland E.** Renal Supportive Care Nursing: Escalating Patient & Carer needs towards End of Life; Overview of End of Life Care in the Community. St George Hospital, Renal Supportive Care Symposium. Aug 11th 2017.
44. **Josland E.** Introduction to Renal Supportive Care. In-service. 4South St George Hospital. Aug 24th 2017.
45. **Josland E.** Introduction to Renal Supportive Care. In-service, Yarrabee ward, Sutherland Hospital, Sydney. Oct 31st 2017.
46. **Josland E & Burgess H.** Concept of Renal Supportive Care and setting up a service. Renal Supportive Care Training Workshop. St George Hospital Research and Education Centre. Sydney. Nov 29th 2017.
47. **Josland E.** Decision making for patients with ESKD – the commencement of either dialysis or a conservative, non-dialysis pathway. Renal Supportive Care Training Workshop. St George Hospital Research and Education Centre. Nov 29th 2017.
48. **Josland E.** The care of the dying patient with ESKD. Renal Supportive Care Training Workshop. St George Hospital Research and Education Centre. Nov 29th 2017.
49. **Josland E.** Introduction to Renal Supportive Care. Yarrabee, the Sutherland Hospital, Sydney. Dec 12th 2017.
50. **Martinez-Smith Y.** VA study – failure to mature, reduced survival and morbidity with the Fistula First initiative for haemodialysis access. Vascular Access Meeting, St George Hospital. Sydney. Mar 2017.
51. **Martinez-Smith Y.** 2016 VA outcomes. Vascular Access Meeting, St George Hospital. Sydney. Jun 2017.

52. **Smyth A.** Introduction to Renal Supportive Care. In-service – 4 West Dialysis. Jun 8th 2017.
53. **Smyth A.** What is Renal Supportive Care and who will benefit from it? Renal Supportive Care Symposium, Broken Hill. Jun 15th 2017.
54. **Smyth A & Josland E.** Panel Discussion: Case Studies with ethical issues, symptom management and more, with input from Local Clinicians. Renal Supportive Care Symposium, Broken Hill. Jun 15th 2017.
55. **Smyth A.** What is Renal Supportive Care and who will benefit from it? Renal Supportive Care Symposium, Broken Hill. Jun 16th 2017.
56. **Smyth A.** Shingles, the Devil in Disguise – Clinical Challenges. RSA Conference – Sydney International Convention Centre. Jun 20th 2017.
57. **Smyth A.** Panel discussion: Case studies with ethical issues, symptom management. St George Hospital, Renal Supportive Care Symposium. Aug 11th 2017.
58. **Smyth A.** Shingles, the Devil in Disguise – Clinical Challenges. 4 South Renal/Gastro ward. Aug 21st 2017.
59. **Smyth A.** Shingles, the Devil in Disguise – Clinical Challenges. 4 West Haemodialysis Unit. Aug 23rd 2017.
60. **Smyth A.** 'Caring for the patient dying with kidney disease' Presented at St George Palliative Care course. Sep 14th 2017.
61. **Smyth A.** Shingles, the Devil in Disguise – Clinical Challenges. Renal Lunchtime Meeting. Nov 8th 2017.
62. **Stevenson J.** Nutritional management in haemodialysis: from malnutrition to obesity, Dietitian Connections, Teleconference. Mar 8th 2017.

Invited Lectures – National

1. **Brennan F.** Choices and challenges for patients with a serious illness. Grand Rounds, Royal Darwin Hospital. Aug 28th 2017.
2. **Brennan F.** Renal Supportive Care – An Overview. Departments of Nephrology, Royal Darwin and Alice Springs Hospital and Palliative Care Department, Alice Springs Hospital (by teleconference). Aug 29th 2017.
3. **Brennan F.** Renal Supportive Care – An Overview. Department of Palliative Care, Royal Darwin Hospital. Aug 29th 2017.
4. **Brennan F.** *Narratives from Palliative Care*. Darwin Museum. Aug 29th 2017.
5. **Brennan F.** *Motor Neuron Disease*. Medical Registrars, Royal Darwin. Aug 30th 2017.
6. **Brennan F.** *Reflections from Palliative Care – literature and poetry* Department of Palliative Care, Royal Darwin Hospital. Aug 30th 2017.

7. **Chan M.** What should be on the plate? Foods for Advanced Chronic Kidney Disease. Nephrology update, ANZSN, ASM (Darwin) Sept. 2017
8. **Smyth A.** Shingles, the Devil in Disguise – Clinical Challenges. Renal Resources Seminar Bendigo, VIC. Oct 7th 2017.

Invited Lectures – International

1. **Brennan F.** Advanced Care Planning and difficult conversations. Hospital Selayang, Kula Lumpur, Malaysia. Mar 31st 2017.
2. **Brennan F.** Ethics Case Discussion in End Stage Kidney Disease. Renal Supportive Care Symposium, Hospital Selayang Kula Lumpur, Malaysia. Mar 31st 2017.
3. **Brennan F.** Withdrawing from treatment. Ethics Workshop. Hospis Malaysia, Kula Lumpur, Malaysia Apr 1st 2017.
4. **Brennan F.** Euthanasia and Physician Assisted Suicide. Ethics Workshop. Hospis Malaysia, Kula Lumpur, Malaysia Apr 2nd 2017.
5. **Brennan F.** Renal Supportive Care – An Overview. Renal Supportive Care Workshop. Khon Kaen Hospital, Khon Kaen, Thailand. Sep 4th 2017.
6. **Brown MA.** Hypertension in early pregnancy: What do we need to consider? New Zealand Maternal Fetal Medicine Network Update. Auckland, New Zealand. May 17th 2018.
7. **Brown MA.** What have we achieved in pre-eclampsia in the las few years? ISSHP European Congress. Berlin, Germany. September 6-9th 2017.
8. **Brown MA.** Comprehensive Conservative non dialytic care. American Society of Nephrology Kidney Week. New Orleans, USA. November 4th 2017.
9. **Brennan F.** *Decision making with ESKD.* Renal Supportive Care Workshop Khon Kaen Hospital, Khon Kaen, Thailand. Sep 4th 2017.
10. **Brennan F.** *Advance Care Planning.* Renal Supportive Care Workshop Khon Kaen Hospital, Khon Kaen, Thailand. Sep 4th 2017.
11. **Brennan F.** *Withdrawal from dialysis.* Renal Supportive Care Workshop Khon Kaen Hospital, Khon Kaen, Thailand. Sep 4th 2017.
12. **Brennan F.** *Symptom management and ESKD and care of the dying patient with ESKD.* Renal Supportive Care Workshop Khon Kaen Hospital, Khon Kaen, Thailand. Sep 4th 2017.
13. **Brennan F.** *Ethics and Palliative Care.* Renal Supportive Care Workshop Khon Kaen Hospital, Khon Kaen, Thailand. Sep 4th 2017.
14. **Brennan F.** *Renal Supportive Care – An Overview.* Renal Supportive Care Workshop Khon Kaen Hospital, Khon Kaen, Thailand. Sep 5th 2017.
15. **Brennan F.** *Renal Supportive Care – An Integration.* Renal Supportive Care Conference, Bangkok, Thailand. Nephrology Society of Thailand and Thailand Association of Palliative Care. Sep 7th 2017.

16. **Brennan F.** *Decision making with ESKD.* Renal Supportive Care Conference, Bangkok, Thailand. Nephrology Society of Thailand and Thailand Association of Palliative Care. Sep 7th 2017.
17. **Brennan F.** *Advance Care Planning.* Renal Supportive Care Conference, Bangkok, Thailand. Nephrology Society of Thailand and Thailand Association of Palliative Care. Sep 7th 2017.
18. **Brennan F.** *Withdrawal from dialysis.* Renal Supportive Care Conference, Bangkok, Thailand. Nephrology Society of Thailand and Thailand Association of Palliative Care. Sep 7th 2017.
19. **Brennan F.** *Symptom management and ESKD.* Renal Supportive Care Conference, Bangkok, Thailand. Nephrology Society of Thailand and Thailand Association of Palliative Care. Sep 8th 2017.
20. **Brennan F.** *Care of the dying patient with ESKD.* Renal Supportive Care Conference, Bangkok, Thailand. Nephrology Society of Thailand and Thailand Association of Palliative Care. Sep 8th 2017.
21. **Brennan F.** *Ethical Challenges in Nephrology.* Renal Supportive Care Conference, Bangkok, Thailand. Nephrology Society of Thailand and Thailand Association of Palliative Care. Sep 8th 2017.
22. **Brennan F.** *Ethical Challenges in Nephrology.* Supportive Care for the Renal Patient Symposium. Hammersmith Hospital, London. Sep 14th 2017.
23. **Brennan F.** *Patients should sign an informed consent for dialysis. A debate.* Supportive Care for the Renal Patient Symposium. Hammersmith Hospital, London. Sep 15th 2017.
24. **Chan M.** Effective nutrition intervention in improving clinical outcomes in patients on peritoneal dialysis – dietitians perspective. The 8th Asia Pacific Chapter Meeting of International Society for Peritoneal Dialysis, (Guangzhou, China) March, 2017

Presentations of Research at Scientific Meetings

Local

1. **Badve SV,** Hyperuricaemia in CKD: Amgen One Nephrology Scientific Symposium (organized by Amgen Australia), April 29, 2017, Melbourne, Australia
2. **Badve SV,** Uric acid and CKD: Nephrology Update Course, ANZSN Annual Scientific Meeting, September 3, 2017, Darwin, Australia
3. **Cuesta AC.** What happened with our peritonitis rate? Oral presentation, 45th Annual Renal Society of Australasia Conference in Sydney, June 2017
4. **Cuesta AC.** Improving PD Infection Outcomes - St George Hospital CQI Programme. Invited guest speaker at the Continuous Quality Improvement NSW PD Workshop in Sydney, October 2017
5. **Hoffman A, Tranter S, Josland E, Brennan F, Brown M.** Renal Supportive Care in conservatively managed patients with advanced chronic kidney disease: a qualitative study of the experiences of patients and their carers/ families. St George Hospital Medical Research Symposium. 2017.

6. Mangos JG, Preece R, Harris K, **Pettit F, Brown MA**. Repeatability of USCOM®-measured cardiac output and systemic vascular resistance in normotensive non-pregnant and pregnant women. St George Hospital Medical Research Symposium. 2017.
7. **Martinez-Smith Y**. Identifying fistula stents using ultrasound. Vascular access workshop. Annual Society of Australasia Conference. Sydney Jun 2017.
8. Martyn J, **Pettit F**, Mangos J, Preece R, **Brown M**, Henry A. Non-invasive study of haemodynamic parameters in normotensive versus hypertensive pregnancies. St George Hospital Medical Research Symposium. 2017.
9. **Pirabhahar S**, Raghunath V, **Lane C, Williamson P**, Preece R, **Kelly J, Katz I**. CKD Management using Virtual Consultation versus Face to Face follow up in Public and Private Outpatient Services. St George Hospital Medical Research Symposium. 2017.
10. **Turner K, Burns T**, Tranter S. An evaluation of the nursing care of renal transplant recipients: A single centre study. St George Hospital Medical Research Symposium. 2017.
11. **Yeung WC, Talbot N, Shah S, Palmer S, Toussaint N, Badve S**. *Benefits and harms of vitamin D compounds among adults with chronic kidney disease: A systematic review and meta-analysis of randomized controlled trials*. St George Hospital Medical Research Symposium. 2017.

National

1. **Bahceci S**, Evans K, **Chan M**. Nutritional profile, prevalence of malnutrition and length of stay in renal inpatients. Australasian Society for Parenteral and Enteral Nutrition (AUSPEN), ASM, Brisbane, 2017
2. Bylos G, Henry A, Davis G, Chen D, Roberts L, Youssef G, **Brown M, Mangos G**. Cardiac structure and function 6 months after normal and hypertensive pregnancy: The P4 Study. SOMANZ Annual Scientific Meeting, Canberra Oct 2017.
3. **Chan, M, Bahceci S**, Wilson, A. Change of subjective global assessment (SGA) score is associated with a change in serum albumin and hand grip strength. ANZSN, ASM (Darwin) Sept. 2017
4. **Cuesta, AC**. St George Hospital Peritonitis Initiatives - Up keeping the PD CQI Programme. Invited guest speaker at the Renal Quality Program Workshop in Brisbane, QLD October 2017.
5. Mangos JG, Preece R, Harris K, **Pettit F, Brown MA**. Repeatability of USCOM®-measured cardiac output and systemic vascular resistance in normotensive non-pregnant and pregnant women. SOMANZ Annual Scientific Meeting, Canberra Oct 2017.
6. Martyn J, **Pettit F, Mangos J**, Preece R, **Brown M**, Henry A. Non-invasive study of haemodynamic parameters in normotensive versus hypertensive pregnancies. SOMANZ Annual Scientific Meeting, Canberra Oct 2017.
7. **Stevenson J, Burgess H, Hoffman A, Smyth A, Josland E, Brennan F, Brown M**. *Health literacy in a single site renal supportive care clinic*. Annual Scientific Meeting of the Australian and New Zealand Society of Nephrology, Darwin, Australia, September 3-6, 2017

8. **Yeung WC, Badve S**, Pascoe E, et al. *Temporal trends in clinical outcomes of kidney transplantation from 1996 to 2013 in Australia and New Zealand*. Annual Scientific Meeting of the Australian and New Zealand Society of Nephrology, Darwin, Australia, September 3-6, 2017

PUBLICATIONS

General Nephrology

1. **Brennan, F.**, Stewart, C., **Burgess, H.**, Davison, S. N., Moss, A. H., Murtagh, F. E. M, Germain M, Tranter S, **Brown, M.** (2017). Time to improve informed consent for dialysis: An international perspective. *Clinical Journal of the American Society of Nephrology*, 12(6), 1001-1009. doi:[10.2215/CJN.09740916](https://doi.org/10.2215/CJN.09740916)
2. **Burns T**, Fernandez, R., & Stephens, M. (2017). The experience of waiting for a kidney transplant: A qualitative study. *J Ren Care*, 43(4), 247-255.
3. **Burns T**, Tranter, S., & Raghunath, V. (2017). In-centre night dialysis program: A single-centre experience. *Renal Society of Australasia Journal*, 13(2), 58.
4. Committee HTW, Zhang L, **Badve SV** et al. Representativeness of Honeypot Trial Participants to Australasian PD Patients. *Perit Dial Int* 2017;37:516-522.
5. Chan S, Cho Y, Koh YH, **Badve SV** et al. Association of Socio-Economic Position with Technique Failure and Mortality in Australian Non-Indigenous Peritoneal Dialysis Patients. *Perit Dial Int* 2017;37:397-406.
6. **Chan M, Kelly J**, Tapsell L.A. What should be on the plate? Dietary Modelling of Foods for Advanced CKD Based on General Healthy Eating Guidelines, *Am J Kidney Dis*. 69(3):436-450, 2017. Invited narrative review.
7. Htay H, Cho Y, Pascoe EM, **Badve SV** et al. Outcomes of Corynebacterium Peritonitis: A Multicenter Registry Analysis. *Perit Dial Int* 2017;37:619- 626.
8. Htay H, Cho Y, Pascoe EM, **Badve SV** et al. Multicenter Registry Analysis of Center Characteristics Associated with Technique Failure in Patients on Incident Peritoneal Dialysis. *Clin J Am Soc Nephrol* 2017;12:1090-1099.
9. Irish AB, Vieceilli AK, Hawley CM, **Badve SV** et al. Effect of Fish Oil Supplementation and Aspirin Use on Arteriovenous Fistula Failure in Patients Requiring Hemodialysis: A Randomized Clinical Trial. *JAMA Intern Med* 2017;177:184-193.
10. **Katz IJ, Pirabhahar S, Williamson P**, Raghunath V, **Brennan F**, O'Sullivan A, Youssef G, Lane C, Jacobson G, Feldman P, **Kelly J**. iConnect CKD-Virtual Medical Consulting: a web-based Chronic Kidney Disease, Hypertension and Diabetes Integrated Care Program. *Nephrology* May 4 2017 doi: 10.1111/nep.13070. [Epub ahead of print]
11. Lim WH, **Badve SV**, Wong G. Long-term allograft and patient outcomes of kidney transplant recipients with and without incident cancer – a population cohort study. *Oncotarget* 2017; 8:77771-77782.
12. Lo C, Jun M, **Badve SV** et al. Glucose-lowering agents for treating pre-existing and new-onset diabetes in kidney transplant recipients. *Cochrane Database Syst Rev* 2017;2:CD009966.

13. Roberts MA, Darssan D, **Badve SV** et al. Carvedilol and Cardiac Biomarkers in Dialysis Patients: Secondary Analysis of a Randomized Controlled Trial. *Kidney Blood Press Res* 2017;42:1033-1044.
14. Scherer J, Combs S, **Brennan F**. Sleep Disorders, Restless Legs Syndrome, and Uremic Pruritus; Diagnosis and Treatment of Common Symptoms in Dialysis Patients. *Am J Kid Dis* 2017; 69(1): 117-128.
15. See EJ, Johnson DW, Hawley CM, **Badve SV** et al. Early Peritonitis and Its Outcome in Incident Peritoneal Dialysis Patients. *Perit Dial Int* 2017.
16. Wong ATY, Mannix C, Grantham JJ, **Badve SV** et al. Randomised controlled trial to determine efficacy and safety of water intake to prevent kidney failure due to autosomal dominant polycystic kidney disease (PREVENT-ADPKD). *BMJ Open* 2017;7:e018794.

Renal Supportive Care

1. **Brennan F**. 'To die with dignity': an update on Palliative Care. *Internal Medicine Journal* 2017; 47: 865-871.
2. **Brennan F**, Lohman D, Gwyther L. Pain management as a Human Right. *American Journal of Public Health* (In Press)
3. **Brennan F**. 'The poor mystery of my body' – the sanctity of the human body in illness and death. *Journal of Palliative Care* (In Press).
4. **Hoffman A**, Tranter S, **Josland E**, **Brennan F**, **Brown M**. Renal supportive care in conservatively managed patients with advanced chronic kidney disease: A qualitative study of the experiences of patients and their carers/families. *Renal Society of Australasia Journal*, Vol. 13, No. 3, Nov 2017: 100-106
5. **Stevenson, J.**, Meade, A., Randall, A. M., Manley, K., Notaras, S., Heaney, S., **Chan M**, **Smyth A**, **Josland E**, **Brennan FP**, **Brown, M. A.** (2017). Nutrition in Renal Supportive Care: Patient-driven and flexible. *Nephrology*, 22(10), 739-747. doi:[10.1111/nep.13090](https://doi.org/10.1111/nep.13090)
6. Tan, T., **Brennan, F.**, & **Brown, M. A.** (2017). Impact of dialysis on symptom burden and functional state in the elderly. *Renal Society of Australasia Journal*, 13(1), 22-30.



Renal Obstetric Medicine

1. **Davis, G. C.**, Gibson, K. J., Casley, D., & **Brown, M. A.** (2017). Angiotensin II/Angiotensin (1-7) ratio and 24-h blood pressure throughout the menstrual cycle and in women using oral contraceptives. *Journal of Hypertension*, 35(6), 1178-1186.
doi:[10.1097/HJH.0000000000001310](https://doi.org/10.1097/HJH.0000000000001310)
2. Foo, J. Y., Davis, G. K., & **Brown, M. A.** (2017). Frontal lobe meningioma mimicking preeclampsia: A case study. *Obstetric Medicine*, 10(4), 192-194.
doi:[10.1177/1753495X17701847](https://doi.org/10.1177/1753495X17701847)
3. Tremonti, C., **Beddoe, J.**, & **Brown, M. A.** (2017). Reliability of home blood pressure monitoring devices in pregnancy. *Pregnancy Hypertension*, 8, 9-14.
doi:[10.1016/j.preghy.2017.01.002](https://doi.org/10.1016/j.preghy.2017.01.002)
4. Varniera N, **Brown MA**, Reynolds M, **Pettit F**, **Davis G**, **Mangos G**, Henry A. Indicators for delivery in pre-eclampsia. *Pregnancy Hypertension*. (ePub)

Other

1. Sahle, B. W., Owen, A. J., Wing, L. M. H., Beilin, L. J., Krum, H., Reid, C. M., **Brown MA**, MacDonald, G. (2017). Long-term survival following the development of heart failure in an elderly hypertensive population. *Cardiovascular Therapeutics*, 35(6). Dec 1st. 2017.
doi:[10.1111/1755-5922.12303](https://doi.org/10.1111/1755-5922.12303)
2. **Brennan F**, Dutton M, Magann L. Palliative Care and Skin symptoms. *Textbook of Palliative Care*. Lovell M, section editor. (In Press)

DEPARTMENT OF RENAL MEDICINE

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