



Department of Renal
Medicine
St George Hospital



Research Report

2011 & 2012



From the Director



Our department remains committed to developing research so as to understand disease processes better and treat our patients optimally. At times it is difficult to continue this task with reduced research resources and funding mixed with the competition of increased clinical workload.

It is therefore appropriate to acknowledge the enormous effort put in by all the staff who have contributed to the research within our department over the past two years; they are listed within this report.

I would like to acknowledge particularly Dr Sharon Ong who has overseen the research development within renal medicine with dedication and skill, and Saiyini Pirabhahar who has assisted so much with the development of this report.

Our Unit now embraces a broad range of research that encompasses the whole of life, beginning with research into the hypertensive disorders of pregnancy then the important interactions between hypertension and Chronic Kidney Disease (CKD) and the capacity to predict progression of CKD accurately through to studies into better end of life care for patients with end-stage kidney disease. We are proud of this diversity and believe this research contributes directly to better care for our patients.

Prof. Mark Brown

Director, Dept. Renal Medicine.

Head of Department

Professor Mark Brown
MBBS, MD, FRACP

Senior Consultant Staff

Dr Sharon Ong BSc (Med), MBBS, PhD, FRACP (Conjoint Senior Lecturer, UNSW),
Head of Research, Dept. Renal Medicine.

Associate Professor John Kelly MBBS, MD, FRACP

Associate Professor George Mangos MBBS, MD, FRACP

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

Dr William Chan MBBS, PhD, FRACP

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

Research Staff

Research Fellows

2011

Dr Franziska Pettit
Dr Julia Spaan
Dr Celine Foote

2012

Dr Jennifer Robins

Medical Students

2011

Stephanie Cohen

2012

Colin Chng
Foong Ming Ho

Research Officers

Saiyini Pirabhahar
Lynne Roberts
Gemma Collett
Paula Williamson

Nursing & Allied Health Research Staff

Elizabeth Josland
Shelley Tranter
Tania Burns
Jennifer Beddoe
Coralie Meek
Maria Chan

Research Staff

RESEARCH GRANTS

Clive and Vera Ramaciotti Foundation Research Establishment Grant

Recipient: Dr Sharon Ong

Project Name: The role of cortisol in the development of hypertension and cardiovascular disease in chronic kidney disease

Amount: \$75 000

Year: 2012

SESLHD Chronic Care Service Redesign Grant

Recipient: A/Prof Ivor Katz

Project Name: The development of a web-based Chronic Kidney Disease Outreach Program

Amount: \$15 000

Year: 2012

Amgen Research Grants

Recipient: A/Prof Ivor Katz

Project Name: The development of a web-based Chronic Kidney Disease Outreach Program

Amount: \$60 000

Year: 2012

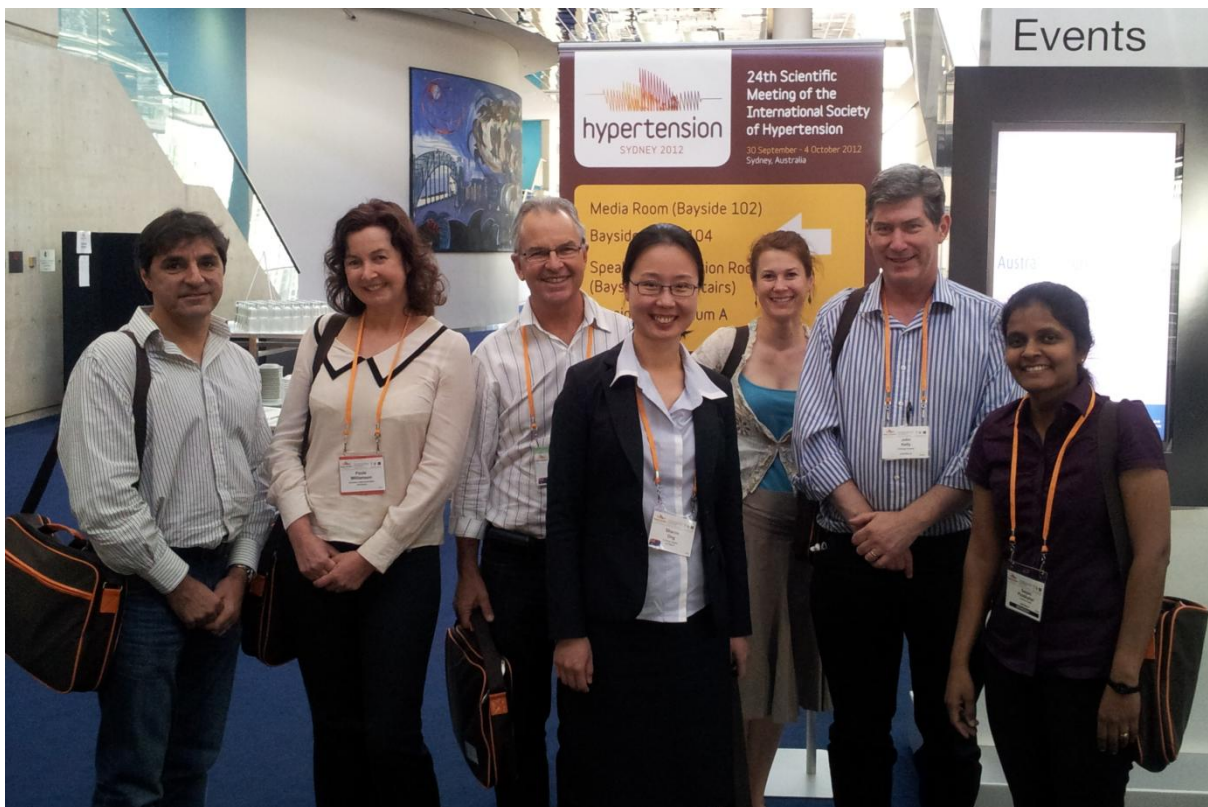
Recipient: Prof Mark Brown

Project Name: Renal Supportive Care: Patient Outcomes and Quality of Life

Amount: \$234,034

Year: 2011 - 2012

RECENT AND ONGOING RESEARCH PROJECTS



Left to Right: A/Prof George Mangos, Ms Paula Williamson, Prof Mark Brown, Dr Sharon Ong, Dr Cathie Lane, A/Prof John Kelly and Ms Saiyini Pirabhahar at the International Society of Hypertension Conference, 2012.

Hypertension in chronic kidney disease (CKD)

Dr Sharon Ong and A/Prof John Kelly

1. Adequacy of blood pressure control in CKD patients.
2. Endocrine regulation of hypertension and cardiovascular disease in CKD.

CKD health systems research

A/Prof Ivor Katz

1. Achievement of target BP & other risk factors on CKD patients.
2. Patterns of referral for CKD Management.
3. CKD to kidney failure - predictive model.
4. Web based CKD outreach program.

BP methodology

1. Validation of currently available home BP monitoring devices with ABPM.

Hypertension in pregnancy

**Prof Mark Brown and A/Prof George Mangos
(with A/Prof Greg Davis and A/Prof Tony O'Sullivan)**

1. The 'new' R-A-A system in pre-eclampsia.
2. Validation of Omron & liquid crystal BP devices in hypertensive pregnancy.
3. Body composition in normal pregnancy.
4. Outcomes of hypertensive pregnancies.

Renal palliative care

Dr Frank Brennan and Prof Mark Brown

1. The role of palliative care in improving quality of life outcomes for hospital based haemodialysis patients.
2. Quality of life & symptom burden in dialysis patients.
3. Outcomes of patients in Pre-dialysis & Renal Supportive Care clinics.
4. Retrospective and prospective studies of the effects of a Renal Palliative care service on patients with CKD stage 4/5 and their carers.
5. A study of ‘good deaths’ in dialysis patients.

Nutrition in CKD

Maria Chan and A/Prof John Kelly

1. Relationship between nutritional status and outcome in end stage kidney disease.

Research collaboration

Australian Kidney Trials Network

1. A randomised, controlled trial of exit site application of Medihoney™ antibacterial wound gel for the prevention of catheter-associated infections in peritoneal dialysis patients.

PRESENTATIONS

Invited Lectures – Local

2011

1. **Brennan F.** Renal Supportive Care – An Overview. Nurse Education Day for Palliative Care, St George Hospital Feb 24th 2011.
2. **Brennan F.** Renal Supportive Care – An Overview. Grand Rounds Tamworth Base Hospital, Tamworth. March 1st 2011.
3. **Brennan F.** Renal Supportive Care – An Overview and Role of the General Practitioner. Division of General Practice – Tamworth. March 1st 2011.
4. **Brennan F.** Renal Supportive Care – An Overview. Renal Palliative Care Education Day, Dubbo. March 5th 2011.
5. **Brennan F.** Symptom Management in ESRD. Renal Palliative Care Education Day, Dubbo. March 5th 2011.
6. **Brennan F.** Uraemic Pruritus – Pathogenesis and Management. Department of Nephrology, St George Hospital. March 9th 2011.
7. **Brennan F.** Renal Supportive Care – An Overview. Lecture to Palliative Care Nurses, Calvary Hospital. March 9th 2011.
8. **Brennan F.** What is Palliative Care? - Renal Supportive Care – An Overview. DNT Meeting, Hunter Valley. Mar 2011.
9. **Brennan F.** What is Palliative Care? Renal Supportive Care – an overview. DNT meeting, Hunter Valley. March 28th 2011.
10. **Brennan F.** Symptom Management in ESRD. Education Day for Australasian Trainees in Palliative Medicine, RACP College of Physicians, Sydney. May 5th 2011.
11. **Brennan F.** Uraemic Pruritus – Pathogenesis and Management. NSW Palliative Care Education Day, Royal Prince Alfred Hospital, Sydney. May 27th 2011.
12. **Brennan F.** Calciphylaxis – Pain Management. Grand Rounds, St George Hospital. Sydney. June 16th 2011.
13. **Brennan F.** Symptom Management ESRD and Care of the dying patient. Trainees in Renal Medicine – “Kidney School” RACP College of Physicians, Sydney. July 7th 2011.
14. **Brennan F.** Update on Renal Palliative Care. Division of General Practice., Broken Hill. July 20th 2011.

15. **Brennan F.** Symptom Management in ESRD. Palliative Care Education Day, Broken Hill. July 21st 2011.
16. **Brennan F.** Uraemic Pruritus – Pathogenesis and Management. Rural Medical School, Port Macquarie. July 28th 2011.
17. **Brennan F.** Renal Supportive Care – the experience of St George Hospital. Department of Renal Medicine, St George Hospital. August 11th 2011.
18. **Brennan F.** Symptom Management ESRD. Department of Geriatrics, St George Hospital. August 17th 2011.
19. **Brennan F.** Symptom Management ESRD. St George Hospital Renal Supportive Care Symposium, St George Bank, Kogarah. August 19th 2011.
20. **Brennan F.** Renal Supportive Care – the experience of St George Hospital. Westmead Hospital, Hospital Week, Westmead. Sep 14th 2011.
21. **Brennan F.** Update on Renal Palliative Care. Department of Renal Medicine, Liverpool Hospital, Liverpool. Sydney. Oct 5th 2011.
22. **Brennan F** and **Brown MA.** Renal Supportive Care – Clinical Ethics Forum, St George Hospital. Oct 6th 2011.
23. **Brennan F.** Renal Supportive Care – An Overview. Department of Nephrology. St Vincent’s Hospital, Sydney. Oct 7th 2011.
24. **Brennan F.** Renal Palliative Care. Wagga Wagga Base Hospital, Wagga Wagga. Oct 19th 2011.
25. **Brennan F.** Renal Supportive Care – the experience of St George Hospital. Friday Forum, Calvary Hospital, Kogarah. Oct 21st 2011.
26. **Brennan F.** Symptom Management ESRD. Improving Outcomes in Nephrology Workshop. Coogee. Oct 29th 2011
27. **Brennan F.** Pain Management. Department of Renal Medicine, St George Hospital. Sydney. Nov 10th 2011.
28. **Brown MA.** Current issues in the management of Pre-eclampsia. Dept Renal Medicine. Liverpool hospital. Feb 23rd 2011.
29. **Brown MA.** Translating hypertension research into clinical practice. Inaugural Women’s Health Symposium. St. George Hospital. June 1st 2011.
30. **Brown MA.** *Renal Palliative Care.* NSW Nephrology training program ‘Kidney School’. RACP. Sydney. July 12th 2011.
31. **Brown MA.** Pregnancy Hypertension. NSW Midwives Association conference. Sydney. Aug 25th 2011.

32. **Brown MA.** *The Ethics of Dialysis.* St George Hospital Ethics Forum St George Hospital. Oct 6th 2011.
33. **Brown MA.** *HOPE: Helping Older People with End Stage Kidney Disease.* 2011 NSW Health Expo Finalists Forum. Australian Technology Park. Sydney. Oct 14th 2011.
34. **Brown MA.** *Hypertension in Pregnancy.* Hearts and Mind conference. Sydney. Oct 22-23rd 2011.
35. **Brown MA.** *Cardiac Troponins and CKD.* Cardiology department meeting, St George Hospital. Nov 29th 2011.
36. **Cuesta AC,** Tranter S, Blow T and Josland E. Pre-Peritoneal Dialysis Assessment-Tackling the Issues Early. NSW and ACT PD Nurses Special Interest Group, College of Nursing, Burwood, May 2011.
37. **Josland E.** Quality of Life in renal failure. Division of General Practice, Broken Hill. Jul 2011.
38. **Josland E.** Pre Dialysis Assessment and discussions. Palliative Care Education Day. Broken Hill. Jul 2011.
39. **Josland E.** Supportive Care Workshop. St George Hospital Renal Supportive Care Symposium. Aug 2011.
40. **Lane C** and A/Prof Kairaitis L. Teaching On the Run – Teaching Clinical skills : 11th May 2011.
41. **Lane C.** NSW Renal Services Network. Nephrology Masterclass 2011: Career Paths In Nephrology. Jan 29th 2011.
42. **Lane C.** Resident Medical Officer Education Lectures. Nephrology for Afterhours. 2011.
43. **Mangos GJ.** Dawn of Generation Risk: Managing the CV risk epidemic in our ageing population. MICARE, Lugarno, Sydney, July 2011.
44. **Mangos GJ.** Early detection of Chronic Kidney Disease (CKD): How to best detect CKD with reference to Urine albumin:protein detection. Sydney General Practitioner Conference and Exhibition. May 2011.
45. **Mangos GJ.** Training Issues. DNT workshop. Pokolbin, 2011 NSW.
46. **Ong SLH** “Hypertension” Masterclass in Nephrology, NSW Health Nephrology Workforce Education & Training Group. Jan 2011.
47. **Ong SLH.** “Management of resistant hypertension” General Practitioner Conference and Exhibition Sydney, May 2011.

48. **Ong SLH** “Glucocorticoid-induced hypertension” St George Hospital Academic Department of Medicine Medical Grand Rounds. Sep 2011.
49. **Pettit F**. To Discuss your experience doing Research. Kidney School. Dec 2011.

2012

1. **Brennan F**. Renal Supportive Care – An Overview. Renal Medicine Masterclass. Basic Physician Trainees, Macquarie Hospital. Feb 4th 2012.
2. **Brennan F**. Renal Supportive Care – An Overview. Department of ICU, St George Hospital. Feb 14th 2012.
3. **Brennan F**. Palliative Care Physicians, Don’t just Palliate and How do we stop? Withdrawing from dialysis. Home Therapies Conference, Brighton-le-Sands. March 15th 2012.
4. **Brennan F**. Renal Supportive Care. General Practice Education. Sans Souci. March 28th 2012.
5. **Brennan F**. Renal Supportive Care – An Overview. Calvary Hospital, Kogarah. June 6th 2012.
6. **Brennan F**. Uraemic Pruitus. Department of Dermatology, St George Hospital. July 18th 2012.
7. **Brennan F**. Symptom management in ESKD. Renal Palliative Care Symposium, St George Hospital. Aug 8th 2012.
8. **Brennan F**. Renal Supportive Care – An Overview. NSW Palliative Care Conference, Dubbo, NSW. Oct 31st 2012.
9. **Brown MA**. Renal Supportive Care, St George Division of General Practice Sans Souci. NSW. March 28th 2012.
10. **Brown MA**. HOPE: Helping Older People with End Stage Kidney disease Renal Palliative Care Seminar, Palliative Care NSW. RPA Hospital, Sydney. May 25th 2012.
11. **Brown MA**. The dialysis long case. BPT Master Class for Sydney BPT trainees St. George Hospital. Sydney. May 29th 2012.
12. **Brown MA**. Renal Supportive Care. St George Division of General Practice Sans Souci. NSW. May 30th 2012.
13. **Brown MA**. *HOPE : Helping Older People with End Stage Kidney Disease* 3rd Renal Supportive Care Symposium. St George hospital. Kogarah. NSW. Aug 10th 2012.

14. **Brown MA.** Chairman, Kidney Disease in the elderly – to treat or not? ANZSN - DNT Conference. Hunter Valley. NSW. March 27-30th 2011.
15. **Brown MA.** Conservative Care Renal clinics. RNTS symposium. Sydney. Aug 17th 2012.
16. **Josland E.** Supportive Care in ESKD. Palliative Care Day, St George Hospital. Nov 17th 2012.
17. **Josland E.** Nurses Perspective to Renal Supportive Care. Aged Care Forum, St George Hospital. May 23rd 2012.
18. **Josland E.** Nurses Perspective to Renal Supportive Care. Palliative Care Week, RPAH. May 25th 2012.
19. **Josland E.** Renal supportive care: holistic care for end stage kidney disease patients and their families. 3rd Renal Palliative Care Symposium, St George Hospital. Aug 10th 2012.
20. **Lane C.** New CKD Staging 2011 – Implications and Management for General Practice. Kidney Health Australia: General Practice Conference and Exhibition. Sydney May 20th 2012.
21. **Lane C.** Career Paths In Nephrology. NSW Renal Services Network. Nephrology Masterclass. Feb 4th 2012.
22. **Lane C.** “Management of Afterhours Renal Issues for Interns”. Resident Medical Officer Education Lectures. June 1st 2012.
23. **Lane C.** A Complicated Donor. Grand Rounds at St George Public Hospital 2012.
24. **Mangos GJ.** Renal Nerve Ablation, Department of Cardiology and Nephrology, St George Hospital. July 25th 2012.
25. **Mangos GJ.** Development opportunities in Renal Denervation (Medtronic) National Meeting of Australian Hospital Executives, Sydney, Nov 14th 2012.
26. **Ong SLH.** Ambulatory blood pressure monitoring and blood pressure variability. Kidney School Presentation, Sydney. June, 2012.

Invited Lectures – National

2011

1. **Brennan F.** Creation of a Renal Supportive Care Service. Department of Renal Medicine, Royal Brisbane Hospital, Brisbane. Jan 28th 2011.
2. **Brennan F.** Renal Supportive Care – An overview. Kidney Club, Nephrologists, Brisbane, Queensland. Jan 28th 2011.
3. **Brennan F.** Renal Supportive Care. Combined Nephrology and Palliative Medicine Meeting, North Shore Hospital, Auckland, New Zealand. April 4th 2011.
4. **Brennan F.** Symptom Management in ESRD. Australian and New Zealand Society of Palliative Medicine (ANZSPM) Forum, Hamilton, New Zealand. April 4th 2011.
5. **Brennan F.** Symptom Management in ESRD. Australian and New Zealand Society of Palliative Medicine (ANZSPM) Forum, Christchurch, New Zealand. April 5th 2011.
6. **Brennan F.** Symptom Management in ESRD. Australian and New Zealand Society of Palliative Medicine (ANZSPM) Forum, Wellington, New Zealand. April 7th 2011.
7. **Brennan F.** Symptom Management in ESRD. Australian and New Zealand Society of Palliative Medicine (ANZSPM) Medical and Surgical Updates. St Vincent's Hospital, Melbourne. Jul 2011.
8. **Brennan F.** Update on Renal Palliative Care. Annual Conference of the New Zealand Branch of the Australian and New Zealand Society of Palliative Medicine (ANZSPM), Wellington, New Zealand April 2011.
9. **Brennan F.** Advance Care Planning in ESKD. Renal Society of Australasia (RSA). Conference. Palmerston North, New Zealand. Nov 5th 2011.
10. **Brown MA.** *Pathogenesis and management of pre-eclampsia.* 11th Annual ANZSN Postgraduate weekend, Gold Coast. Qld. May 6-8th 2011.
11. **Brown MA.** *Chronic Hypertension in Pregnancy.* ADIPS SOMANZ 2011 Joint Scientific meeting, Brisbane. Qld. 4-6th Nov 2011.
12. **Josland E.** Conservative Care in ESKD & Symptom management in ESKD. RSA Workshop, Launceston. Nov 2011.
13. **Mangos GJ.** Management of Renal Artery Stenosis' 11th Annual ANZ Society of Nephrology Postgraduate Meeting May 2011, Gold Coast.

2012

1. **Brennan F.** Symptom Management in ESKD. Clare Holland Hospice, Canberra, ACT. May 5th 2012.
2. **Brennan F.** Symptom management in ESKD. Australian and New Zealand Society of Nephrology (ANZSN) Conference, Auckland, New Zealand. Aug 25th 2012.
3. **Brown MA.** *Who do we dialyse and how do we withdraw therapy?* ANZSN Nephrology Update Course, Auckland. New Zealand. Aug 26th 2012.
4. **Josland E.** Introduction to Supportive Care Workshop, Clare Holland Hospice, Canberra, ACT. May 4th 2012.
5. **Josland E.** Conservative Care in ESKD and Symptom Management in ESKD. RSA Workshop, Launceston. Nov 12th 2012.
6. **Mangos GJ.** "HT-Renal Artery Stenosis", Nephrology Update Course. Australian and New Zealand Society of Nephrology (ANZSN) Conference, Auckland, New Zealand. Aug 25th 2012.
7. **Mangos GJ.** Setting up a Denervation Program (Medtronic) at Simplicity Centre of Excellence Training Day, Baker Institute, Melbourne. Nov 23rd 2012.

Invited Lectures – International

2011

1. **Brennan F.** Renal Palliative Care – An Overview. Department of Nephrology, University Hospital Galway, County Galway, Republic of Ireland. Oct 15th 2011.
2. **Brennan F.** Renal Palliative Care- An Overview. Cuisle Beatha International Palliative Care Conference, Galway, Ireland. Oct 2011.
3. **Brown MA.** Chairman, *Pregnancy: Proteinuria, the glomerular basement membrane, and pre-eclampsia.* World Congress of Nephrology. Vancouver. Canada. 8-12th April 2011.
4. **Brown MA.** Chairman, *Pregnancy and renal disease: predisposition, management and outcomes.* World Congress of Nephrology. Vancouver. Canada. 8-12th April 2011.
5. **Chan M.** Nutrition and Metabolism in Renal disease, Annual update and presented 3 lectures (1) Nutrition and Transplantation, (2) Nutritional management in Haemodialysis and (3) Nutritional management in Pre-Dialysis CKD. Mexico City, Mexico, May 2011.

6. **Chan M.** Renal nutrition workshop. National Kidney Foundation, Kuala Lumpur, Malaysia, June, 2011.
7. **Chan M.** Nutrition assessment in renal failure, Pre-conference workshop, International society of blood purification (ISBP), ASM, Beijing, September 2011.

2012

1. **Brown MA.** *When is renal biopsy indicated in Pregnancy?* 6th International Meeting of ISOM. July 6th -8th 2012. Keble College. Oxford. UK.
2. **Brown MA.** *Is there a role for ABPM in pregnancy?* “Ambulatory & Home Blood Pressure Measurement in the Management of Hypertension” An Official Satellite Meeting of International Society of Hypertension Meeting, Sept 30th 2012. Sydney. Australia.
3. **Brown MA.** *Management of pre-eclampsia: what we know and what we think we know.* American Society of Nephrology Kidney Week. San Diego, CA USA. Oct 30th -Nov 4th 2012.
4. **Chan M.** Session chair, 16th International Congress of Nutrition and Metabolism in Renal Disease (ICNMRD) June, 2012 (Honolulu, Hawaii).
5. **Chan M,** Patwardhan A, Lambert K, and Crosby C, workshop leader, Evidence and Practice Guidelines for the nutritional management of people with Chronic Kidney Disease (CKD) stages 1-3, Early to moderate renal insufficiency (GFR 30-90 ml/min). 16th International Congress of Dietetics, Sydney. September 2012.
6. Patwardhan A, Ryan C and **Chan M,** workshop leader, Evidence and Practice Guidelines for the Nutritional Management of Adult Kidney Transplant Recipients 16th International Congress of Dietetics, Sydney. September 2012.

Presentations of Research at Scientific Meetings

Local

2011

1. **Chan M, Kelly J**, Batterham M. and. Tapsell L. Malnutrition (SGA) and serum albumin levels, but not body mass index (BMI) values at initiation of dialysis are independent predictors of mortality: a 10 year clinical cohort study. St George & Sutherland Hospital Medical Research Symposium Oct, 2011.

2012

1. **Chan M, Kelly J**, Batterham M, Tapsell L. Nutritional characteristics and dietary intake of patients attending the pre-dialysis assessment clinic. Poster Presentation at the St George & Sutherland Hospital Medical Research Symposium Oct 11th 2012.
2. **Chan M, Tranter S, Josland E³, Collett G and Kelly J** Association of nutritional status and the future choice of dialysis option in patients attending the multidisciplinary pre-dialysis assessment clinic. Poster Presentation at the St George & Sutherland Hospital Medical Research Symposium Oct 11th 2012.
3. **Chan M, Tranter S, Josland E**, Kerr E, McTaggart S, **Collett G** and Tapsell L. Nutrition profile of patients at enrolment to the multidisciplinary pre-dialysis assessment clinic between 2002- 2012. Poster Presentation at the St George & Sutherland Hospital Medical Research Symposium Oct 11th 2012.
4. **Chng C, Pirabhahar S, Ong SLH, Katz I, Kelly JJ**. Renal Outcomes and determinants of CKD progression in single kidney patients. Oral presentation at the St George & Sutherland Hospital Medical Research Symposium Oct 11th 2012.
5. **Collett G, Josland E, Brennan F and Brown MA**. The Ethics of not choosing dialysis: Provision of Renal Supportive Care. Poster Presentation at the St George & Sutherland Hospital Medical Research Symposium Oct 11th 2012.
6. **Ho FM, Williamson P, Beddoe J, Pirabhahar S, Kelly JJ, Ong SLH**. Glucocorticoid and Hypertension in CKD. Poster Presentation at the St George & Sutherland Hospital Medical Research Symposium Oct 11th 2012.
7. Muhl A, **Collett G**, Phillips J, **Josland E, Chan M**. Nutritional Characteristics of Conservatively Managed Patients Attending a Renal Supportive Care Clinic. Poster Presentation at the St George & Sutherland Hospital Medical Research Symposium Oct 11th 2012.
8. **Pettit F**, Beddoe J, Roberts L, Davis G, Mangos G, Brown M.. Maternal and Fetal outcomes of Hypertension in Pregnancy: A 20 year Review. Oral presentation at the

St George & Sutherland Hospital Medical Research Symposium Oct 11th 2012.

9. **Pirabhahar S, Robins J and Katz I.** Assessment of Nephrologists' Referrals: Preventing Burnout. Poster Presentation at the St George & Sutherland Hospital Medical Research Symposium Oct 11th 2012.
10. **Roberts LM, Davis GK, Mangos GJ, Brown MA.** The UM-101 mercury free sphygmomanometer: A replacement for mercury sphygmomanometer at last? Poster presentation at the St George & Sutherland Hospital Medical Research Symposium Oct 11th 2012.
11. **Williamson P, Ong SLH, Beddoe J, Pirabhahar S, Trajkovska B and Kelly JJ.** Central and Peripheral Blood Pressure in CKD. Poster Presentation at the St George & Sutherland Hospital Medical Research Symposium Oct 11th 2012.

National

2011

1. **Afzalnia S.** Weatherall C, Millar E, **Katz I.** Case Report: Neutropenic Fever with BK Virus Nephropathy and Cytomegalovirus Infection in a Renal Transplant Patient. Oral poster presentation at the Australian and New Zealand Society of Nephrology, Adelaide, September 2011.
2. **Chan M, Kelly J,** Batterham M. and. Tapsell L. Malnutrition (SGA) and serum albumin levels, but not body mass index (BMI) values at initiation of dialysis are independent predictors of mortality: a 10 year clinical cohort study. 47th Australian and New Zealand Society of Nephrology (ANZSN) annual scientific meeting, Adelaide Australia. Sep 2011.
3. **Cuesta AC, Tranter S, Blow T and Ong S.** Connecting through a Peritoneal Dialysis Patient Newsletter. Oral and poster presentation at the 39th Renal Society of Australasia Annual Conference, Adelaide, June 2011.
4. **Josland E.** Quality of Life and Symptom Management in end stage renal disease. Renal Society of Australasia 39th Annual Conference, Adelaide. Jun 2011.
5. **Ong SLH,** Trajkovska B, Cohen S, **Kelly JJ, Mangos GJ, Pirabhahar S, Brown MA.** How should blood pressure be assessed in CKD patients? A pilot study of "Masked Hypertension". Oral poster presentation at the Australian and New Zealand Society of Nephrology, Adelaide, September 2011.
6. **Pettit F, Shanmugasundaram P and Brown MA.** Acute intermittent porphyria (AIP) in early pregnancy with hyponatraemia and renal impairment. Poster presentation at the 47th Annual Scientific meeting of the ANZSN at Adelaide on September 2011.

7. **Pettit F, Spaan J, Beddoe J, Mangos, GJ and Brown MA.** Outcomes in women medicated for mild to moderate hypertension in pregnancy. Poster presentation at the 47th Annual Scientific meeting of the ANZSN at Adelaide on September 2011.
8. **Phipps L, Katz I, Josland E, Zekry A, Brown M.** Evaluation of protocols and practices for the surveillance and prevention of Hepatitis B virus on haemodialysis. Poster presentation at the Australian and New Zealand Society of Nephrology, Adelaide, September 2011.

2012

1. **Burns T.** “Waiting for a kidney transplant in Australia – latest trends”. Oral presentation at the Transplant Nurses Association National Conference. Melbourne, November 2012.
2. **Collett G.** Renal Supportive Care: Holistic care for advanced CKD patients and their families. NSW Palliative Care Conference, Dubbo, Oct 31st 2012.
3. **Cuesta C, Robinson F, Blow, T & Mangos GJ** Caring for a peritoneal dialysis patient with Epidermyolysis Bullosa. Oral presentation at the RSA conference, Melbourne, June 2012.
4. **Josland E, Collett G, Foote C, Tranter S, Brennan F & Brown MA.** Renal supportive care: holistic care for end stage kidney disease patients and their families. Paper presented at the 40th Renal Society of Australasia Annual Conference, Melbourne, June 2012.
5. **Josland E.** Hepatitis Protocol: Opening a can of worms. Oral presentation at the RSA conference, Melbourne. June 7th 2012.
9. **Pirabhahar S, Robins J and Katz I.** Assessment of Nephrologists’ Referrals: Preventing Burnout. Poster Presentation at the 48th Australian and New Zealand Society of Nephrology, Auckland, New Zealand, August 2012.
6. **Moustakas J, Bennett P, Tranter S & Nicholson J.** Supportive care: what does the ‘patient’ want? Paper presented at the 40th Renal Society of Australasia Annual Conference, Melbourne, June 2012.

International

2012

1. **Brown M, Roberts L, Davis G, Mangos G.** The UM-101 Mercury-free sphygmomanometer: a replacement for mercury sphygmomanometry at last? Poster presentation at the XVIII ISSHP World Congress. July 9th – 12th, Geneva. Switzerland.
2. **Chan M** et.al. Nutritional characteristics and dietary intake of patients attending the pre-dialysis assessment clinic. Proceedings of the 16th International Congress of Nutrition and Metabolism in Renal Disease (ICNMRD) Honolulu, Hawaii, June, 2012.
3. **Chan M** et.al. Self-reported appetite and intake adequacy In patients with non-dialysis chronic kidney disease. Proceedings of the 16th International Congress of Nutrition and Metabolism in Renal Disease (ICNMRD) Honolulu, Hawaii. June, 2012.
4. **Foo JY, Mangos G, Brown MA.** Characteristics of hypertensive disorders in twin versus singleton pregnancies. Oral presentation at the XVIII ISSHP World Congress July 9th – 12th, Geneva. Switzerland.
5. **Josland E, Collett G, Brennan F, Brown MA.** *HOPE*: Helping Older People with End stage kidney disease. Poster presentation at the BMJ International Forum on Quality and Safety in Healthcare 2012 Le Palais des Congrès, Paris, France; 17th April - Friday 20th April 2012.
6. **Mangos GJ**, Ram J, Brown M. The effect of cuff size on automated blood pressure measurement. Poster presentation at the International Society of Hypertension Scientific Meeting, Sydney, September 2012.
7. **Ong SLH, Williamson PM, Pirabhahar S, Beddoe J**, Trajkovska B, Kelly JJ. Adequacy of blood pressure control in chronic kidney disease. Oral presentation at the International Society of Hypertension Scientific Meeting, Sydney, September 2012.
8. **Ong SLH, Pirabhahar S**, Trajkovska B, Cohen S, Williamson PM, Youssef G, Kelly JJ. Blood pressure, fluid volume, vascular and ventricular function in chronic kidney disease. Poster presentation at the International Society of Hypertension Scientific Meeting, Sydney, September 2012.
9. **Williamson PM**, Campbell J, Whitworth JA, Kelly JJ. The Effect of sustained release isosorbide mononitrate (Imdur) on cortisol-induced hypertension in healthy human subjects. Poster presentation at the International Society of Hypertension Scientific Meeting, Sydney, September 2012.

JOURNAL PUBLICATIONS (n=29)

2011

1. Avesani CM, Trolonge S, Deleaval P, Baria F, Mafra D, Faxen-Irving G, Chauveau P, Teta D, Kamimura MA, Cuppari L, **Chan M**, Heimbürger O and Fouque D. Physical activity and energy expenditure in haemodialysis patients: an international survey. Nephrol Dial Transplant. 2011;0:1-5.
2. **Brown MA, Roberts L**, Davis G, **Mangos G**. Can we use the Omron T9P automated blood pressure monitor in pregnancy? Hypertens Pregnancy.2011; 30:188-193.
3. **Brown MA, Pirabhahar S, Kelly JJ, Mangos GJ**, Mackenzie C, McConachie P, Janssen J, Smart RC. Inaccuracies in estimated glomerular filtration rate (eGFR) in one Australian renal centre. Nephrology. 2011;**16**:486–494.
4. **Burns T & Smyth A**. Reducing aggression in the haemodialysis unit by improving the dialysis experience for patients. Renal Society of Australasia Journal, (2011): 7(2), 79-89
5. Canney M, Liu E, Vonthehoff L, Weatherall C, **Ong SLH**. The nephrotic syndrome and hepatitis due to acquired syphilis: an uncommon presentation of a re-emerging disease. *NDT Plus* 2011; 4(1): 67-70.
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OTHER PUBLISHED MATERIAL (Books, book chapters & reviews)

1. Eastabrook G, **Brown MA,** Sargent I. *The Origins and End-Organ Consequences of Pre-eclampsia* In: Von Dadelzen P, Magee L (eds): Best Practice & Research Clinical Obstetrics & Gynaecology: Hypertension in Pregnancy (Issue 25.4). 2011: 435 – 447.
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AWARDS

1. ***Independent Learning Project- Best Poster*** awarded to Foong Ming Ho for “Glucocorticoid and Hypertension in CKD.” at the St George & Sutherland Hospital Medical Research Symposium Oct 11th 2012.
2. ***Clinical Research – Best Poster*** awarded to Gemma Collett for “The Ethics of not Choosing dialysis: Provision of Renal Supportive Care.” at the St George & Sutherland Hospital Medical Research Symposium Oct 11th 2012.
3. ***St George Hospital John Edmonds award for “The ‘Compleat’ Doctor”*** awarded to Prof Mark Brown.
4. ***UNSW St George Clinical School 2012 Teaching Excellence Award for best Consultant teacher*** awarded to Prof Mark Brown.
5. ***UNSW 2012 Medicine Conjoint Teaching Award, ‘Best overall conjoint teacher’*** awarded to Prof Mark Brown.
6. ***Clinical Research – Runner up Oral Presentation*** awarded to Franziska Pettit for “Maternal and Fetal outcomes of Hypertension in Pregnancy: a 20 year review” at the St George & Sutherland Hospital Medical Research Symposium Oct 11th 2012.
7. ***Clinical Research – Runner up Oral Presentation***, awarded to Maria Chan for “Malnutrition (SGA) and serum albumin levels, but not body mass index (BMI) values at initiation of dialysis are independent predictors of mortality: a 10 year clinical cohort study.
8. ***SESLHD Healthcare Awards 2011 – Finalist for the NSW Health Awards and Premier’s awards*** – presented to Renal Supportive Care Team for the Helping Older People with End Stage Kidney Disease (H.O.P.E. Project).
9. ***SESLHD Healthcare Awards 2011 – Innovation Award*** – presented to Renal Supportive Care Team for the Helping Older People with End Stage Kidney Disease (H.O.P.E. Project).

COMMUNITY ENGAGEMENT

A/Prof Ivor Katz is involved in the development of a web-based Chronic Kidney Disease Outreach Program: improving clinical outcomes of CKD patients in the St George and Sutherland area.

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