



Department of Renal Medicine St George Hospital



Research Report
2000-2010

Mission Statements

- Conduct high quality research
- Facilitate quality assurance programs
- Offer outstanding teaching and training in renal research
- Apply new knowledge for better health outcomes



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From the Director

This report highlights the key research activities from our Department over the past 10 years. It is immediately apparent that this work would not have been possible without a great deal of effort by most of the doctors, nurses, allied health workers, research scientists, research assistants and secretarial staff in our department.

The Department of Renal Medicine at St George and Sutherland hospitals continues an active research program that is broadly focused on the following areas: hypertension and the progression of chronic kidney disease; hypertension and the renal disorders of pregnancy; more recently we have begun research in the field of renal palliative care.



Research remains integral to the practice of medicine and our department remains committed to ensuring the ongoing production of high quality research that is focused on clinically relevant questions. We are proud of our outcomes with over **200 papers** and book chapters and many presentations of this work over this period, including 26 publications in 2010 alone.

I would particularly like to thank Dr Sharon Ong, Belinda Trajkovska and Saiyini Pirabhahar for their considerable efforts in bringing this report together.

I hope you find this report of interest and that it stimulates ongoing research into the important areas of renal medicine and obstetric medicine.

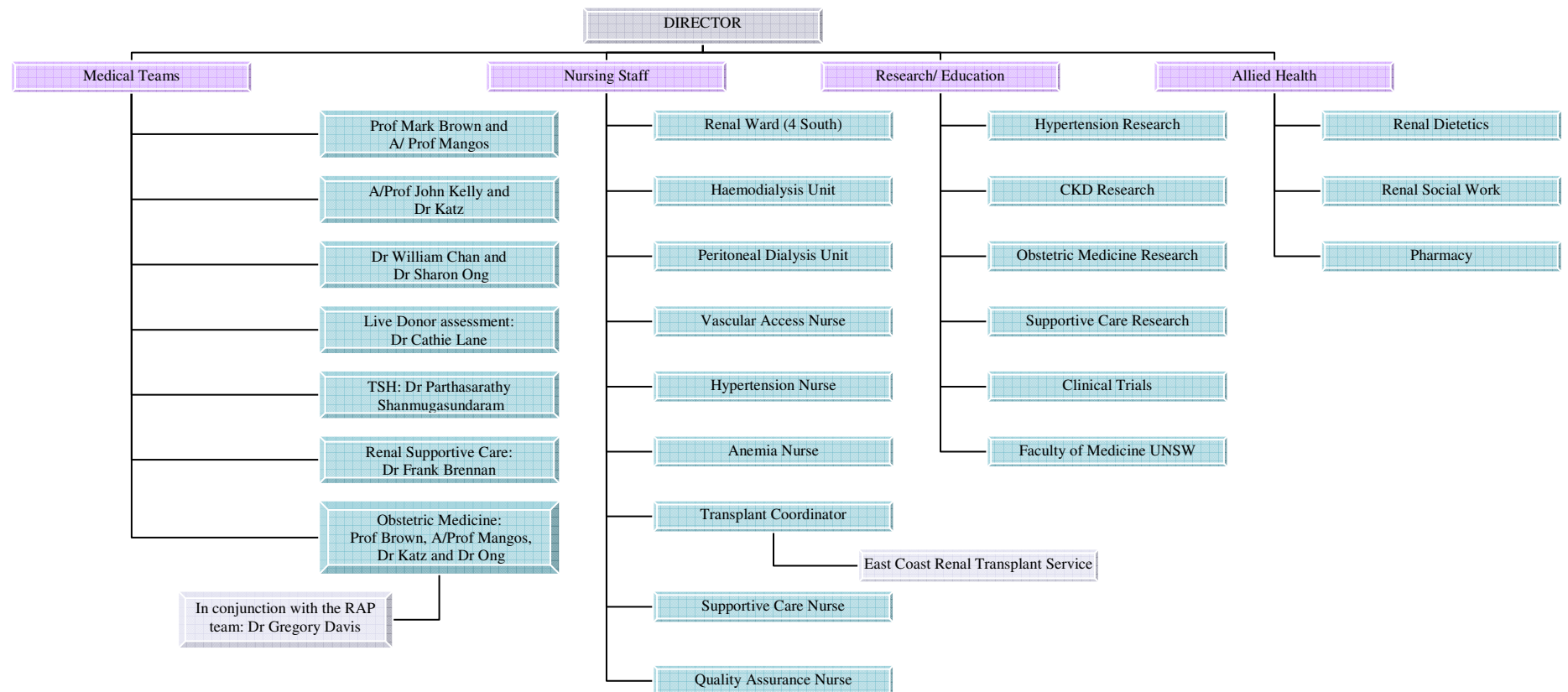
Professor Mark Brown
Director
Department of Renal Medicine

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Department of Renal Medicine Structure



Our Staff and their Interests

Overview – Medical Staff

Professor Mark Brown
A/Professor John Kelly
A/Professor George Mangos
Dr Ivor Katz
Dr Sharon Ong
Dr Cathie Lane
Dr Parthasarathy Shanmugasundaram
Dr William Chan
Dr Frank Brennan

Overview – Research Staff

Saiyini Pirabhahar
Paula Williamson
Lynne Roberts
Belinda Trajkovska

Overview – Research Support Staff

Jennifer Beddoe
Elizabeth Josland
Shelley Tranter
Yanella Martinez-Smith
Maria Chan
Tania Burns
Alison Smyth

Professor Mark Brown

MBBS, MD, FRACP (Professor of Medicine, UNSW)



Professor Mark Brown completed his general nephrology training in Sydney 1983-1984 and in UK (1986). He was appointed as a staff specialist in renal medicine in 1987 and associate professor in 1993 and as professor in 2000. He has been the director of the Department of Renal medicine at St George Hospital since 1999. He has been a chairman of Medical Training & Education Council, director of NSW Institute of Medical Education & Training, director of JMO training, director of physician training (RACP) at St George Hospital and a member of Scientific Program and Education Committee, Australian & New Zealand Society of Nephrology.

Professor Brown has a long standing research interest in the Hypertensive and renal disorders of pregnancy. He was awarded his MD in 1988 on the subject of 'Sodium excretion in pregnancy.' His initial studies focused on exploring changes in renal physiology, particularly the renin-angiotensin system, in pre-eclampsia. Subsequent clinical studies have focused on improving methods to measure blood pressure and proteinuria in this disorder as well as predicting which women progress from gestational hypertension to pre-eclampsia. This work has led to the adoption of international recommendations for a standard method for sphygmomanometry blood pressure measurement and use of the spot urine protein: creatinine ratio to assess proteinuria rapidly in pregnancy. Subsequent research continues to focus on automated methods of recording blood pressure in pregnancy and the value of uric acid measurement in pre-eclampsia.

In recent years Professor Brown has also supervised research aimed at improving postgraduate medical education and assessing the impact of adjunctive palliative care in patients with chronic kidney disease. He has published 197 peer reviewed papers or book chapters and given 222 invited lectures.

Achievements

- | | |
|------|---|
| 2010 | International Society for the study of Hypertension in Pregnancy
Award 'in recognition of the State-of-the-Art presentation "The Clinical Management of Pre-eclampsia" delivered at the XVII World Congress of the ISSHP' |
| 2009 | St George Clinical School teaching award
'Awarded for teaching excellence by a consultant, in recognition valuable contribution to student teaching' |

- 2000 **Postgraduate Medical Council of NSW**
 ‘Award in recognition of six years dedicated service to junior medical officers as Director of Clinical Training’
- 1999 **‘Georgie’**
 Awarded by the **St George Hospital** in recognition of ‘support, education and training to the Junior Medical Staff’. This is St George Hospital’s highest award.
- 1998 **Postgraduate Medical Council of NSW**
Distinguished achievement award
 ‘for outstanding service and commitment to the mission of Council and its Standards and Accreditation program.’
- 1996/1997 **Clinical Teacher of the Year**
St George Hospital
 Awarded by the Junior Medical Officers of St George Hospital to the consultant judged to have been their best teacher.
- 1994 **Best Oral Presentation Award**
Australasian Society for the Study of Hypertension in Pregnancy.
 Awarded for the best oral presentation at the IXth. World Congress of the International Society for the Study of Hypertension in Pregnancy. ‘Control of aldosterone by ACTH in normal and hypertensive pregnancy’
- 1991 **Young Investigators Award**
Australasian Society for the Study of Hypertension in Pregnancy
 Awarded for the best research presentation at the 6th Annual Scientific Meeting, Perth. ‘Renin-aldosterone relationships in pregnancy-induced hypertension’
- 1987 **Young Investigators Award**
Royal North Shore Hospital, Sydney.
 Awarded for doctorate work on the regulation of sodium excretion in normal and hypertensive pregnancy

Successful Grants

Title	Investigators	Period	Funds	Source
A comparative study of outcomes of patients with stage 4 & 5 CKD attending the pre-dialysis clinic or the Renal Palliative Care clinic	Brown MA, Brennan F, Foote C, Josland E, Tranter S	2010-2011	\$154,000	Investigator driven research grant (Amgen Australia)
What happens to women with hypertension in pregnancy? Studies of cardiovascular prognosis and likelihood of recurrent hypertension in pregnancy.	Brown MA, Davis GK, Jones M	2000-2001	\$99, 367	National Heart Foundation of Australia Project Grant
24 hour ambulatory blood pressure monitoring (ABPM) in pregnancy	Brown MA, Davis GK	1999-2000	\$92,300	National Heart Foundation of Australia

Associate Professor John Kelly

MBBS, MD, FRACP (Associate Professor of Medicine)



A/Prof Kelly completed his general nephrology training at St Vincent's Hospital, Sydney and the Royal Melbourne Hospital, Melbourne between 1987 and 1990. He completed his MD at the Garvan Institute for Medical Research, in Sydney and undertook further clinical research studies at Western General Hospital, Edinburgh University. He was appointed as a Lecturer in Medicine at University of New South Wales, St George Hospital Clinical School in 1993; Staff Specialist in Nephrology, St George Hospital in 1995, and Conjoint Associate Professor of Medicine University of New South Wales in 2001. He has held positions as Director of Physician Training at St George Hospital, and Council Member and

Honorary Executive Officer of the Australian and New Zealand Society of Nephrology. He has been a convenor of the New South Wales Renal Group since 1995, and is currently the coordinator of "Masterclass in Nephrology" teaching programmes for Basic Physician trainees in NSW.

A/Prof Kelly has a long-standing interest in the interactions between the endocrine and renal systems and their impact on body composition, blood pressure and vascular disease. His initial doctoral studies at the Garvan Institute were in the relationship between growth hormone, body composition and blood pressure regulation. At St George Hospital his primary area of research activity has been in mechanisms of corticosteroid mediated hypertension. His current clinical research activity is in the area of nutrition, and vascular disease in the early stages of chronic kidney disease. More recently, A/Prof Kelly has been involved as a collaborative investigator in a number of capacity building projects in South Pacific nations aimed at improving prevention and treatment of diabetes and diabetic complications such as diabetic kidney disease.

Achievements

- | | |
|-----------|--|
| 1996 | Austin-Doyle Awards (Finalist)
International Society of Hypertension Scientific Meeting, Glasgow. |
| 1995 | Wellcome-Ramaciotti Research Travel Grant.
Clinical Pharmacology Department. Western General Hospital. Glasgow. |
| 1994 | Servier Young Investigator Award
15th Scientific Meeting of International Society of Hypertension, Melbourne
1994 |
| 1990-1993 | NH & MRC Medical Research Scholarship |

1979 Award for general proficiency in first and second years of the medicine course

Successful Grants

Title	Investigators	Period	Funds	Source
Endothelial function in chronic renal disease	Kelly JJ	2001	\$15 000	Australian Kidney Foundation
Health outcomes associated with mandibular advancement splint therapy for obstructive sleep apnoea	Cistuli P Kelly JJ	1999 2000 2001	\$64 790 \$64 790 \$64 790	NH&MRC
The nitric oxide system in glucocorticoid-induced hypertension	Kelly JJ Whitworth JA Anderson WP	1998 1999 2000	\$93 903 \$93 540 \$93 174	NH&MRC
Energy Metabolism and Body Composition in End Stage Renal Failure	O'Sullivan AJ Kelly JJ	1997	\$25 000	Ramaciotti Foundation Grant
Glucocorticoid Induced Hypertension in Humans: Role of Regional Circulation	Kelly JJ Whitworth JA	1997 1998	\$40 361 \$38 738	National Heart Foundation

Other Research Funding

Title	Investigators	Period	Funds	Source
Dealing with Diabetes: Building capacity in the Solomon Islands to improve diabetes outcomes and strengthen prevention efforts	Steering Committee Member on behalf of ANZSN	2010-		World Diabetes Foundation
Capacity Building Project: Pacific Islands Model of Diabetes Care	Steering Committee Member on behalf of ANZSN	2004- 2008		World Diabetes Foundation
Study of Heart and Renal Protection	Kelly JJ.	2004-		
Effect of Irbesartan on Patients with Type II diabetes and Nephropathy	Whitworth JA, Kelly JJ, O'Sullivan AJ.	1996- 1999	\$7 837	Bristol-Myer Squibb
Tolerability and efficacy of Losartan in essential hypertension	Kelly JJ, Whitworth JA.	1995- 1996	\$15,000	Merck, Sharp & Dohme, Australia

Associate Professor George Mangos

MBBS, MD, FRACP (Associate Professor of Medicine)



A/Prof George Mangos is a nephrologist and Clinical Academic at St George Hospital and St George Clinical School UNSW. His clinical interests are in hypertension, renovascular disease, pregnancy medicine and interventional nephrology. His research interests are in blood pressure measurement, hypertension in pregnancy, and experimental hypertension.

George undertook his clinical nephrology training at St George and at Prince Henry Hospitals in Sydney before commencing his doctoral studies in steroid-induced hypertension. His subsequent research studies have included investigations into blood pressure measurement and cardiovascular and metabolic outcomes of pre-eclampsia. He has a clinical and research interest in renovascular disease and has chaired the CARI group which published peer-reviewed guidelines on renovascular disease in 2010. He also chaired the nephrology curriculum group for the RACP and this curriculum is to be introduced into nephrology advanced training in Australasia in 2011. In 2008 he was promoted to Associate Professor and appointed Director, Integrated Clinical Training, Faculty of Medicine UNSW, and is currently Phase 3 Coordinator at St George Clinical School and PRINT Convenor. Presently he is keen to develop interventional nephrology in Australia.

Achievements

- | | | |
|------|--|----------------|
| 2001 | Young Investigator Award
For the presentation of the paper "The Day Assessment Unit: Our experience with 1000 pregnancies at St George Hospital". Australasian Society for the Study of Hypertension in Pregnancy, Canberra, 2001. | |
| 1997 | Young Investigator's Award, Best Poster
St George Hospital Symposium
Awarded for poster presentation entitled "Corticosterone administration mimics ACTH-induced hypertension in the rat and is prevented by L-arginine". | \$500 |
| 1997 | Dean's award for teaching
Awarded for proposed professional development program of enrolment in Graduate Diploma in Clinical Education. | \$ 1000 |

Successful Grants

Title	Investigators	Period	Funds	Source
CVL Investigator grant Peer reviewed 2 year funding for project entitled “Cardiovascular and Metabolic Outcomes following Pre-eclampsia”.	Mangos GJ.	2003	\$ 50000	Pfizer.
HBPRCA travel grant Assistance for travel to Melbourne for High Blood Pressure Research Council Scientific Meeting where I presented a paper.	Mangos GJ.	1998	\$300	HBPRCA
ISH travel grant Assistance for travel to Amsterdam for The International Society of Hypertension Meeting where I presented two papers.	Mangos GJ.	1998	\$1500	ISH
Cobe Haemodialysis Grant Awarded for assistance to travel to University of Alberta, Edmonton, for the study of parathyroid hypertensive factor.	Mangos GJ.	1995	\$ 2000	RACP

Dr Ivor Katz

MBBCh, BSc (Hons), PhD



Dr Ivor Katz graduated in Medicine from the University of the Witwatersrand in Johannesburg South Africa (SA) in 1988. He spent the majority of his career, 20 years, at Chris Hani Baragwanath Hospital, in SA. His early years were spent as a research fellow in cardiology where he participated in research predominantly in the areas of hypertension and cardiomyopathy, under the mentorship of Professor Pinhas Sareli. It was during this time that he also completed an Honors Degree in Sports Medicine and Science at the University of Cape Town, under Professor Tim Noakes. At the same time as doing this post graduate research he also completed his Basic Physician Training from (1991-1994), before completing his Advanced Training in Nephrology (1995-1996). He spent time working in medicine and renal departments in the United Kingdom. This experience helped him with the development of his then Renal Department in South Africa, where he was Head of Department for 12 years, 1996-2009. He was a senior consultant in the department of medicine from 1996 to 2009, working on the executive committee and recently moved to Australia in September 2009. He joined the St George Hospital Department of Renal Medicine as a Senior Staff Specialist and is currently the Director of the Haemodialysis Program. He is also the Director of Basic Physicians Training at St George and has enjoyed a long history of teaching and training undergraduate and post graduate medical students in general medicine and nephrology. Since completing his RACP Nephrology by peer review in September 2010, he is hoping to join the staff at the University of New South Wales in a conjoint position.

Achievements

- | | |
|------|---|
| 2008 | Best Oral Presentation
4th Public Health Association of South Africa
3-4th June 2008, Cape Town, South Africa |
| 2006 | Rotary Distinguished Community Service Award
Vocational Award for 'commitment and enthusiasm in the field of Renal Medicine and Clinical Outreach'. Awarded for work done in renal outreach and specifically for chronic diseases training fellowship program established for a nurses elective in Australia since 2003 |

2006	Emerging Technology Top 100 Award “Most Promising Enterprise Award” for electronic medical record systems designed to improve patient management, follow up and primary care to specialist up and down referral
2005	Khanyisa Grant for Service Excellence Winner
2005	National Productivity Award – Public Service
2004	Premiers Awards for Service Excellence
2000	Best Research Award , 3rd Annual Prakash Vallabh Primary Health Care Research Conference Gauteng Health Department
1982	First Honours Blazer Recipient
1982	Governing Body Award

Successful Grants

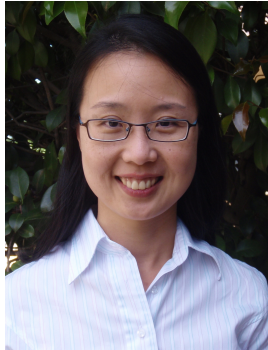
Title	Investigators	Period	Funds	Source
Bara Renal Tracking System	Katz IJ.	2005-2009	A\$18,000	Wits Foundation and Wits Consortium – University of the Witwatersrand
Chronic Disease Outreach Program (South Africa)	Katz IJ.	1999-2009	A\$76,000	Wits Foundation – University of the Witwatersrand

Other Funding

Title	Investigators	Period	Funds	Source
Fresenius Nephrology Training Fellowship	Katz IJ.	2007-2009	A\$60,000	Wits Consortium–University of the Witwatersrand
Chronic Disease fellowship training	Katz IJ.	2005-2009	A\$21,000	Wits Foundation–University of the Witwatersrand

Dr Sharon Ong

BSc (Med), MBBS, PhD, FRACP (Conjoint Lecturer, UNSW)



Dr Sharon Ong received her clinical nephrology training at the East Coast Renal Services: St George, Prince of Wales and Wollongong hospitals. Before her appointment as a Staff Specialist at the St George Renal Unit and Conjoint Lecturer at the University of New South Wales, she undertook PhD research studies at the John Curtin School of Medical Research in the Australian National University, under the supervision of Professor Judith Whitworth, investigating the mechanisms of glucocorticoid-induced hypertension. This involved studying the role of oxidative stress and nitric oxide-redox imbalance in the pathogenesis of this form of hypertension using a range of physiological techniques and biochemical assays. She is currently overseeing the research activities within the Renal Unit and has interest in applying the insights gained into mechanisms of hypertension during her doctoral studies to clinical medicine. She is also the Director of the Peritoneal Dialysis Unit.

Achievements

- | | |
|-----------|---|
| 2010 | St George Medical Research Foundation New Appointee Establishment Grant |
| 2008 | Best PBL Tutor Award, Australian National University Medical School |
| 2008-2009 | Heart Foundation Postgraduate Research Scholarship |
| 2007 | Jacquot Research Entry Scholarship, Royal Australasian College of Physicians |

Successful Grants

Title	Investigators	Period	Funds	Source
'Masked hypertension' in chronic kidney disease, dialysis and renal transplant patients	Ong SLH, Brown MA, Kelly JJ, Mangos GJ.	2010	\$50 000	SGMRF New Appointee Establishment Grant
Australian and New Zealand Society of Nephrology Travel Grant: Assistance to travel to Newcastle where I presented a paper.	Ong SLH.	2008		ANZSN
High Blood Pressure Research Council of Australia Travel Grant: Assistance to travel to Melbourne where I presented a paper.	Ong SLH.	2008		HBPRCA
International Society of Hypertension Travel Grant: Assistance for travel to Berlin where I presented 3 papers.	Ong SLH.	2008		ISH
High Blood Pressure Research Council of Australia Travel Grant: Assistance for travel to Berlin where I presented 3 papers.	Ong SLH.	2008		HBPRCA
High Blood Pressure Research Council of Australia Travel Grant: Assistance to travel to Adelaide where I presented 2 papers	Ong SLH.	2007		HBPRCA

Dr Cathie Lane

B.Pharm. Grad cert. ULTeaching. B.Med. FRACP. PhD (Senior Conjoint Lecturer UNSW)



Dr Cathie Lane completed her general nephrology training in 2003 through the East Coast Renal Service. She is also currently a lecturer with UNSW.

Cathie has an interest in Medical education and training with previous roles which include: appointment of the role as Member of the Medical Training and Education Council in 2003 to 2005; Member of the Nephrology Curriculum Working Group during the period from 2006 to 2010; and an Invited member of the Workforce Education and Training Group for the New South Wales Renal Services Network during the period from 2006 to 2009. Cathie has also been appointed as the Medical Training and Education Council (MTEC) representative on the steering committee for the postgraduate medical council's 'flexible working project', and in 2003 to 2009, was a Member of the Nephrology Specialist Advisory Committee which incorporated the role of Coordinator of Advanced Training in Nephrology.

Achievements

- | | |
|-----------|--|
| 2009 | PhD from UNSW for thesis titled “<i>Optimising Australian Postgraduate Medical Education and Training in Nephrology</i>”. |
| 2009 | St George Clinical School Research Excellence Award 2009 |
| 2005-2009 | NH&MRC Medical and Dental Scholarship |
| 2004 | Jacquot Research Grant with the Royal Australasian College of Physicians |
| 2005 | Completion of a Graduate Certificate in University Learning and Teaching at UNSW |

Dr Parthasarathy Shanmugasundaram

MBBS, DM, FRACP (Conjoint Lecturer UNSW)



Dr Shanmugasundaram completed his medical education from Coimbatore Medical College, India (1995) and basic physician training from the prestigious 1300 bedded Post Graduate Institute of Medical Education and Research in Chandigarh, India (1998 to 2000). Here, he did a thesis on the secondary sexual characteristics and hormonal changes in patients with cirrhosis of the liver under the supervision of Dr R Muralidharan. In the same institute in 2001 to mid 2002, Dr Shanmugasundaram worked as a senior registrar in the Department of Medicine with special interest in Immunology, HIV medicine and Toxicology, where he was exposed to managing patients with immunological diseases, HIV infection and poisoning from organophosphate compounds and Aluminium phosphide in particular.

He went on to complete training at the Post Graduate Institute's Department of Nephrology (2002 to 2005) which is known to be the first centre in India to start an established Nephrology training program, under the directorship of Prof Vinay Sakhuja. Following this, Dr Shanmugasundaram worked as a Nephrologist at The Dr Inderjit Singh Memorial Health centre (Chandigarh) and helped establish a charitable dialysis centre.

He moved to Australia in September 2005, to work as an Advanced trainee in Nephrology with the East Coast Renal Service (till Dec 2007), and worked as a Renal Research and Clinical Fellow at the St George hospital from Jan 2008 to May 2009. Dr Shanmugasundaram was appointed as a Staff Specialist at St George and Sutherland Hospitals in June 2009. He has also been a conjoint Associate Lecturer at the University of New South Wales and hopes to work in the role of Director of Physician training at the Sutherland hospital from 2011. His interests include General Nephrology and Teaching.

Research Experience

1. Submitted a thesis in Hepatology and Endocrinology under the topic 'Secondary Sexual Characteristics in Indian Patients with Liver Cirrhosis' under the supervision of Dr. R. Muralidharan
2. Submitted a dissertation in Nephrology under the topic 'Lipid Profile including Lp(a) in patients with Chronic Renal Failure' under the supervision of Dr K. L. Gupta
3. "Applanation Tonometry And Ultrasonographic Evaluation Of The Inferior Vena Cava In Assessing Intravascular Volume Changes During Hemodialysis" at the St George hospital under the supervision of Prof Mark Brown.

Dr William Chan

MBBS, PhD, FRACP



Dr William Chan completed his PhD with Professor Posen at Sydney University from 1980 to 1983. His PhD thesis was titled “Studies in Azotaemic Osteodystrophy”. He then did two years of post-doctoral research with Dr. E. Slatopolsky at Washington University in St. Louis, Missouri. Dr Chan started as a consultant at St. George Hospital in 1985, and has maintained an interest in calcium and phosphate metabolism as well as renal osteodystrophy.

Dr Frank Brennan (Staff Specialist in Palliative Medicine)

MBBS, FRACP, FACHPM, LLB



Dr Brennan is a Palliative Care Physician based at St George and Calvary Hospitals. After a period of collaboration between the Departments of Nephrology and Palliative Medicine, Dr Brennan was appointed a Renal Palliative Care Physician at St George Hospital in late 2010. It is the first position of its kind in Australia.

That appointment coincided with the appointment of two separate 0.5 positions as a Renal Supportive Care Nurse - one at St George Hospital (Elizabeth Josland) and one based at Tamworth (Gloria O'Connor). A Renal Supportive Care Clinic was established in March 2009 and now runs weekly. Dr Brennan is also a lawyer and has written extensively on the human rights dimensions of pain management and Palliative Care.

Research Staff

Saiyini Pirabhahar (Research Officer)

BNurs, MHLthSci, Grad Dip Med Lab Sci



Saiyini Pirabhahar completed her Bachelor of Nursing degree from Royal Melbourne Institute of Technology (RMIT) in 1994 and completed her graduate training in Box Hill hospital in Melbourne in 1996. She developed interest in chronic diseases and went on to complete her Graduate Diploma in Medical Laboratory Science in 1998 from RMIT. During this she was working as a technical officer at Gribbles Pathology. She then moved on to work as a research assistant at the Department of Medicine at Monash University. She then relocated herself to Sydney in year 2000 and has been part of the St George Hospital team.

She started as the clinical trials coordinator at the Cancer Care Clinical trials unit at St. George Hospital and moved to the Renal Research unit in 2001. She has worked on several research studies in the areas of hypertension in pregnancy, corticosteroid hypertension and chronic kidney diseases. She is currently working on Chronic Kidney Disease and Masked Hypertension studies and is also responsible for the departmental web page.

Paula Williamson (Research Officer)

RN, RM, Grad. Dip. Counselling



Paula Williamson worked as a Research Officer with Professor Judith Whitworth at the University of New South Wales based at the St George Hospital Renal Hypertension Unit from 1991 to 2009. Her work was mainly specialised into the area of corticosteroid hypertension. However she has also worked on several research studies in hypertension in pregnancy and chronic kidney disease.

Paula completed her nursing training at RPA in 1983 and her graduate training at RPA in the Renal Ward (1984). She also completed training in community nursing at The Royal Worcester Infirmary, UK (1985). Paula has worked in many areas of Nursing in Sydney Hospitals from 1986 - 1989; including Intensive Care, Accident and Emergency, Anesthetics and Recovery and Sydney Home Community Nursing. She completed her Midwifery training in 1990 at St Margaret's Hospital in Sydney.

Her most recent interests are in research in hypertension and chronic kidney disease and also in health lifestyle motivational interviewing and health coaching in patients with chronic diseases using a person-centred approach.

Achievements

- 2006 **Young Investigator's Award, Best Poster Presentation**
Awarded for the best poster presentation at the St George Hospital Medical Symposium "The role of antioxidants vitamin C, E & Allopurinol in cortisol-induced hypertension in healthy human subjects"
- 2001 **Young Investigator's Award, Best Poster Presentation**
Awarded for the best poster presentation at the St George Hospital Medical Symposium "The effect of cortisol and vasodilator prostaglandins on the forearm arterial bed"

Lynne Roberts (Research Midwife)

RN, MMid, MHSc (Clinical Data Management)



Lynne graduated from St George Hospital with a Certificate in General Nursing in 1985 and then a certificate in Midwifery in 1987. After traveling around the globe for 19 months she returned to St George Hospital and has been working there as a midwife since 1989. She has worked in all areas of midwifery including a multidisciplinary continuity model of care for the women with a risk associated pregnancy. Her main interests are antenatal care and complicated pregnancies, especially those complicated by hypertension.

Several years later she decided to return to study and in 2003 she graduated from UTS with a Master of Midwifery. In 2007 she graduated from the University of Sydney with a Master of Health Science in Clinical Data Management.

For the past ten years Lynne's work has involved education and research. She currently works as the research midwife at St George Hospital and coordinates several clinical trials, both single and multicentred that are being conducted in the maternity unit. In addition, she holds an Associate position at UTS and teaches both undergraduate and postgraduate midwifery students.

Achievements

- 2005 **Young Investigator's Award, Best Poster Presentation**
Awarded for the best poster presentation at the St George Hospital Medical Symposium "A Prospective Randomised study of Automated versus Mercury (PRAM) blood pressure recordings in hypertensive pregnancy"

2005 **Category 4 scholarship** from NSW Nursing and Midwifery Board for attendance at the International Confederation of Midwives Triennial Conference, Brisbane, Australia. July 2005.

Belinda Trajkovska (Research Assistant)

BA (Psychology), PG Dip. in Psychology, PG Dip in Applied Psych. (in progress)



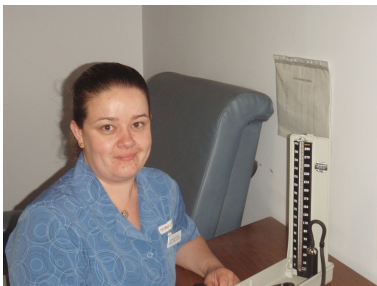
Belinda Trajkovska is working as a Clinical Trials Research Assistant on the Masked Hypertension Study at the Renal and Hypertension Unit, St George Hospital. She completed her thesis in 2009, titled “The influence sight and sound have on human speech perception” and performed the casual experimental testing on human subjects at the MARCS Auditory Laboratories, UWS (Bankstown). This was a requirement for her Postgraduate Studies. She has volunteered at The Schizophrenia Fellowship of NSW as a telephone support consultant, where she engaged in socially appropriate conversation with consumers, and helped facilitate independence through assistance with practical skills. She is also a tutor who specialises in statistics, who helps 2nd and 3rd year psychology students on the Statistical Package of Social Sciences (SPSS).

She is also an intern psychologist and is completing her registration at Macquarie University through the Applied Psychology program. Her research interests include: forensic psychology, in particular the psychopathology of offending and the psychology of personality disorders.

Research Support Staff

Jennifer Beddoe (Hypertension Unit – Clinical Nurse Specialist)

BNurs, Grad. Dip. Mid.



Jennifer Beddoe completed her Bachelor of Nursing at the University of Western Sydney, Macarthur in 1995 and then went onto complete her graduate transition program at Sutherland Hospital. She then took up a temporary position in the children’s ward before moving to a permanent position at St George Private Hospital in a mixed surgical ward, predominately head and neck surgery, in 1997. Looking for a new challenge, Jennifer became a student midwife at St George Private and undertook a Graduate Diploma in Midwifery at the University of Technology Sydney in 2001. She then found a passion for working with woman with hypertension which led her to her current role.

In 2003, Jennifer joined the team at St George Public, initially in a job share capacity that has now become full time. She works with both pregnant and non pregnant patients. Jennifer's role is to run the 24hr Ambulatory Blood Pressure Monitoring (ABPM) service as well as to validate patients home blood pressure devices on an annual basis. Part of her role is to maintain two databases, one containing all of the ABPM results and the other is the Hypertension in Pregnancy (HIP) database. The HIP database contains a record of all women booked at St George Public, St George Private and Hurstville Community Hospitals that develop hypertension in pregnancy or are consulted to the renal team at any time throughout their pregnancy or the immediate post partum period. She also performs all nursing duties at the Monday afternoon renal outpatients clinic, seeing between 40 and 60 patients at each clinic. She recently attended an ABPM workshop in Melbourne as part of the 32nd Annual HBPRCA conference.

Elizabeth Josland (Renal Supportive Care Clinical Nurse Consultant)

Grad Dip Nurs, MPH



Elizabeth Josland's main area of interest is quality of life research. QoL has been measured in the St George dialysis population since 2001 on a bi annual basis. Results are then statistically analysed against past collections and Australian populations. This data has been presented across Australasia at renal conferences and workshops. She collects ANZDATA surveys throughout the year which is statistically analysed in South Australia and presented as an annual report, available at www.anzdata.org. She also measure pre dialysis and palliative care clinic outcomes along with quality assurance activity outcomes covering many peritoneal dialysis, haemodialysis and transplantation activities on a continuous basis.

Shelley Tranter (Clinical Nurse Consultant)

RN, DN, MAPSng, Renal Cert MCN, Honorary Associate (Clinical Fellow), Faculty of Nursing, Midwifery and Health, University of Technology Sydney. Adjunct Lecturer, School of Nursing and Midwifery, Faculty of Health Sciences, Flinders University, Adelaide. Lecturer, NSW TAFE, Northern Institute Meadowbank Campus.



Shelley graduated from Cumberland College of Health Sciences in 1980 as one of the first nursing graduates from the tertiary sector. She commenced in the Renal Department at Prince Henry Hospital, Sydney and has over 30 years' experience in renal nursing. She has held various renal nursing positions at both Prince Henry and St George Hospitals. Shelley stepped down from the Renal Services Network Executive in 2010. Shelley continues to play a major role in the development of renal nursing practice across NSW. She is

one of the members of the guidance team for the Renal Models of Care Program and recently developed the EN Advanced Diploma in Renal Care Program at Meadowbank TAFE. Shelley is on the Editorial Board of the Renal Society of Australasia Journal. She is supervising one student in a research Masters Program.

Shelley has a keen interest in Practice Development as a methodology for change management. Practice Development underpins all aspects of Shelley's work including her Professional Doctorate - *From machine to patient: shifting the focus of care in a hospital haemodialysis unit*. Shelley's other interests are in clinical nursing practice, education, supportive care, stage 4-5 CKD patient management and education and leadership. Shelley believes that all nurses are capable of flourishing in their career if given the appropriate support and encouragement.

Achievements

2008	Kidney Health Australia 40 year celebrations Inaugural Angel Award
2008	Category 4 Scholarship from NSW Nursing and Midwifery Board for attendance at the International Practice Development Conference, The Netherlands, October 2008
2007	Renal Society of Australasia Recognition Award
2004	Category 6 Scholarship from NSW Nursing and Midwifery Board for completion of doctoral studies
2003	Inaugural Vivian Bullwinkle Scholarship , College of Nursing, to support doctoral studies

Successful Grants

Title	Investigators	Period	Source
Travel Grant to attend the International Practice Development Collaborative Conference	Tranter S.	September 2008	Renal Society of Australasia International

Yanella Martinez-Smith (Vascular Access CNC)

RN, Grad Cert Renal, MNsg Advance Practice.



Yanella graduated from the University of Sydney in 1995 with a Bachelor of Nursing Degree. She has undertaken further studies and completed a Graduate certificate in Renal Nursing from the University of Western Sydney in 1998 and a Masters of Nursing (Advance Practice) with the University of Newcastle in 2006.

Yanella commenced her new graduate program at St George Hospital in 1996 and worked on the vascular surgical ward, the rehabilitation medical ward and the renal/gastroenterology unit. After completing the new graduate year she worked on the winter ward at St George Hospital and then became permanently employed in the renal unit in October 1997. Over the past 14 years her role in the renal unit has been various from RN, CNS, Haemodialysis clinical care co-ordinator, Acting renal CNC, Dialysis Nurse Educator, Quality Assurance Research CNC and currently Vascular Access CNC.

In order to gain further experience and knowledge in her renal nursing career, she also worked on the renal and transplant ward at Barts and the London NHS in 2000 and the dialysis unit at The Royal Darwin Hospital in 2003.

Achievements

2002

Best novice presenter

Awarded for the best novice oral paper presentation at the Renal Society of Australasia annual conference, Melbourne. "Decontamination protocol in vascaths".

Maria Chan (Senior Renal Dietitian)

BSc(Hons), M NutrDiet, GradDipExSpSc, Cert. Business Mgt, AdvAPD, PhD Candidate
Clinical Lead/Senior Clinical Dietitian, SGH; Conjoint Associate Lecturer, UNSW



Maria Chan is an Advanced Accredited Practicing Dietitian (AdvAPD) and is the clinical lead/ senior renal dietitian, SESLHN. Maria incorporates research into her day-to-day clinical practice to improve health outcomes of renal patients through nutrition and exercise interventions. She is the principal recipient of a number of project and research grants. These included the development of

CARI guidelines on the nutritional management of adult kidney transplant recipients and the PEAK (Progressive Exercise for Anabolism in Kidney disease) study, a RCT on intradialytic resistance exercise in haemodialysis patients.

Maria is the allied health representative on the executive committee, Renal Services Network, Agency for Clinical Innovation (ACI), NSW Health. At the international level, Maria has served two terms as the associate council member to the International Society of Renal Nutrition and Metabolism (ISRNM). She has contributed to over 27 peer reviewed publications, 1 book chapter, 3 sets of evidence based clinical guidelines and given over 30 invited lectures and workshops in scientific meetings. Her PhD research, the DAMPER study (Dietary Approaches to the Management of people with Progressive and End stage Renal disease) examines the pre-dialysis nutritional management on post dialysis outcomes. Her research collaboration also extends to centers abroad, including the Baxter Novum, Renal Research Centre and Department of Renal Medicine, Karolinska Institute, Sweden.

Achievements

- | | |
|------|---|
| 2009 | Dietitians Association of Australia
Awarded for the outstanding contribution (national) to the Dietitians Association of Australia (DAA) for contribution to renal services, high level representations and member of working group/committee for DAA |
| 2005 | Dietitians Association of Australia
GRID (Greatness in Dietetics) award (NSW Branch) for outstanding contribution in renal services and DAA |
| 2004 | The St. George Hospital and Community Health Services
(Division of Medicine and Emergency Services)
Certificate of Recognition for outstanding contribution to Renal Services |
| 2000 | Dietitians Association of Australia
Branch Service Award (NSW Branch) for chairing the renal special interest group, NSW |

Successful Grants

Title	Investigators	Period	Funds	Source
Australian study of the effects of strict potassium restriction on neuropathy in chronic kidney disease (AUSSPRINT Study)	Krishnan A, Kiernan M, Pussell B, Kirby A, Holyday M, Chan M, Lin C, Arnold R, Rounsley K, Pianta T.	2010-2012	\$244,250	NH& MRC
A randomised control trial of resistance exercise to counteract muscle wasting and undernutrition in people undergoing maintenance haemodialysis (PEAK Study)	Cheema BSB, Chan M, Fiatarone Singh MA.	2002	\$20,000	Health and Disability, Research Strength Initiative of the University of Sydney
A randomized control trial of resistance exercise to counteract muscle wasting and undernutrition in people undergoing maintenance haemodialysis (PEAK Study)	Chan M, O'Sullivan A, Kelly JJ, Patwardhan A, Gillin A.	2000	\$15,000	Australian Kidney Foundation
Development of evidence based nutrition management guidelines for overweight or obese patients on transplant waiting list	Chan M, Patwardhan A, Ryan C.	2010	\$6,000	GMCT, NSW Renal Services
Visual (pictorial) nutrition education resource for people with renal disease	Chan M, Lambert K, Holyday M	2008	\$5,000	Cultural Diversity Enhancement Grants (SESIAHS)

Development of evidence based nutrition management guidelines for renal transplant and education resources for patients	Chan M, Patwardhan A, Ryan C.	2006	\$40,000	ACI, NSW Renal Services
Development of a group nutrition education program for haemodialysis patients and their carers	Chan M.	1998	\$5,000	Health Promotion Unit SESIAHS

Tania Burns (Renal Transplant Co-ordinator)

Grad Cert. Acute Care Nursing (Renal)



Tania Burns completed her Registered General nurse training at the Royal Free Hospital, London in 1991. She has worked in a variety of areas including general practice, aged care and outpatients. In 2002 Tania moved to Australia where she joined the haemodialysis unit at St George Public Hospital. In 2006, she completed a Graduate Certificate in Acute Care Nursing (Renal) and gained her CNS grading. Tania has held various positions within the haemodialysis unit including Clinical Co-ordinator, Clinical Nurse Educator and most recently Acting Renal Transplant Co-ordinator. She is also currently involved in the Models of Care project alongside Alison Smyth. (See *Alison Smyth* for more details on the Models of Care project)

Alison Smyth (Acting Renal Clinical Nurse Consultant)

B Health Sci. (Nursing), Grad. Dip. Health Sci. (Nursing)



Alison Smyth has completed a Diploma of Health Science (Nursing) from the University of Western Sydney in 1992 and a Bachelor of Health Science (Nursing) from Southern Cross University in 1996. Alison has worked on the renal unit at St George Public Hospital for 16 years. She gained her CNS grading in 1995, and completing the St George Hospital Renal Course for Advanced Practitioners in 1997. She is currently acting in the position of Renal Clinical Nurse Consultant focusing on pre-dialysis education.

In 2009 Tania and Alison were selected to lead a nursing research project through the renal Models of Care programme; developed as an initiative of the Agency for Clinical Innovation (formerly known as the Greater Metropolitan Clinical Taskforce) in partnership with NSW Health Nursing and Midwifery Office (NaMO). The aim of the project is 'for nurses in haemodialysis units in NSW to identify opportunities and to change the way care is delivered – in order to make better use of available resources to provide optimal patient care'.

Tania and Alison chose to investigate the problem of patient aggression towards staff on the haemodialysis unit. The project attracted a \$10,000 grant from the Australian and New Zealand Society of Nephrologists / Amgen, and a multicultural health award for the translation of resources. The work has been presented at the RSA Conference in Cairns June 2010 and at the Patient Safety and Clinical Effectiveness Conference in South Eastern Sydney Illawarra Health, July 2010.

Successful Grant

Title	Investigators	Period	Funds	Source
Models of Care project.	Burns, T, Smyth A, Tranter S.	2009-2010	\$10,000	Australia New Zealand Society of Nephrology (ANZSN)/AMGEN



**CURRENT
&
COMPLETED
PROJECTS
OF THE
RENAL &
HYPERTENSION
RESEARCH UNIT**

Current Projects

Hypertension research

- Hypertension and vascular disease in chronic kidney disease (CKD), transplantation and dialysis
- Glucocorticoid-induced hypertension

CKD health systems research

- Achievement of Target BP & other risk factors on CKD patients
- Patterns of referral for CKD Management
- hsTroponin T in Haemodialysis and CKD patients

BP methodology

- Validation of currently available BP monitoring devices with ABPM
- Accuracy of home BP devices
- Effect of cuff size on ABPM recording



Renal Obstetrics Forum

Hypertension in Pregnancy

- The 'new' R-A-A system in pre-eclampsia
- Validation of Omron & Liquid crystal BP devices in hypertensive pregnancy
- Body composition in Normal Pregnancy

- Utility of Central BP, PIERS model, body composition to predict outcome in pre-eclampsia
- OPRA- Predictive value of ultrasound and other factors in high risk pregnancies
- Outcomes of early vs. late onset of pre-eclampsia/gestational hypertension
- ASTEROID (Australasian Antenatal Study To Evaluate the Role Of Interamuscular Dexamethasone versus Betamethasone prior to preterm birth to increase survival free of childhood neurosensory disability) – Australasian multi-centre double blinded RCT. Dex v's Beta
- PPRMT (Pre term Prelabour Rupture of Membranes close to Term) – International multi-centre RCT. Early v's expectant management
- TBS (Twin Birth Study) - International multi-centre RCT, C/S v's VB for twins
- Renal Palliative PROGRESS (PROgesterone after previous preterm birth for the prevention of neonatal Respiratory distress Sndrome) – International multi-centre double-blinded placebo controlled RCT.



Palliative Care Symposium 2010

Renal Palliative Care

- The role of palliative care in improving quality of life outcomes for hospital based haemodialysis patients
- Quality of Life & Symptom burden in dialysis patients
- Outcomes of patients in pre-dialysis & supportive care clinics

Nutrition in CKD

- Relationship between nutritional status and outcome in End Stage Kidney Disease

Renal Nursing research

- Models of Care Project

Research Collaboration

- A randomised, controlled trial of exit site application of Medihoney™ Antibacterial Wound Gel for the prevention of catheter-associated infections in peritoneal dialysis patients (Australian Kidney Trials Network)

Completed Projects

- **Study of Heart and Renal Protection (SHARP)**
Chief Investigator: A/Prof John Kelly
Study Coordinator: Saiyini Pirabhahar
- **Estimated Glomerular Filtration Rate (eGFR study)**
Chief Investigator: Prof Mark Brown
Study Coordinator: Saiyini Pirabhahar
- **Initiating dialysis early and late (IDEAL) Study**
Chief Investigator: Prof Mark Brown
Study Coordinator: Saiyini Pirabhahar
- **Cardiovascular and metabolic outcomes following pre-eclampsia**
Chief Investigator: A/Prof George Mangos
Study Coordinator: Saiyini Pirabhahar
- **Omron T9P automated blood pressure monitor accuracy assessment**
Chief Investigator: Prof Mark Brown
Study Co-ordinator: Lynne Roberts
- **Cholestasis Study** – Retrospective chart review investigating outcomes of women diagnosed with cholestasis. Manuscript currently in draft.
Chief Investigator: Greg Davis
Study Coordinator: Lynne Roberts
- **PRAM**
Chief Investigator: Prof Mark Brown
Study Coordinator: Lynne Roberts
- **Uric Acid**
Chief Investigator: T. Lee-Ann Hawkins, Prof Mark Brown
Study Coordinator: Lynne Roberts

- **Misoprostol to induce labour**
Chief Investigator: Greg Davis
Study Coordinator: Lynne Roberts
- **Recurrence of hypertension in pregnancy**
Chief Investigator: Prof Mark Brown
Study Coordinator: Lynne Roberts

The following are collaborative studies with Department of Medicine - UNSW and John Curtin School of Medical Research - ANU Canberra

- **The Role of Imdur in Cortisol-induced Hypertension in Humans**
Chief Investigator: A/Prof John Kelly
Study Coordinator: Paula Williamson
- **The role of Candesartan in Prednisolone-induced hypertension in humans**
Chief Investigator: A/Prof John Kelly
Study Coordinator: Saiyini Pirabhahar
- **The role of Folate in Prednisolone-induced hypertension in humans**
Chief Investigator: A/Prof John Kelly
Study Coordinator: Saiyini Pirabhahar
- **Asprin Study**
Chief Investigator: A/Prof John Kelly
Study Coordinator: Paula Williamson
- **Folate Study**
Chief Investigator: A/Prof John Kelly
Study Coordinator: Paula Williamson
- **Arterial Cortisol Study**
Chief Investigator: A/Prof John Kelly
Study Coordinator: Paula Williamson
- **Ganglion Blockade Study**
Chief Investigator: A/Prof John Kelly
Study Coordinator: Paula Williamson
- **IV Hydrocortison Study (Time course Study)**
Chief Investigator: A/Prof John Kelly
Study Coordinator: Paula Williamson

- **Vitamin C & E Study**

Chief Investigator: A/Prof John Kelly

Study Coordinator: Paula Williamson

- **The role of imdur in Prednisolone-induced high blood pressure in humans**

Chief Investigator: A/Prof John Kelly

ILP student: Joshua Campbell



**RESEARCH
SUPERVISION
BY
OUR STAFF**

Research Supervision

Professor Mark Brown

- | | |
|----------|--|
| 2006-7 | <p>Prof Caroline S.E. Homer</p> <p>Non-proteinuric pre-eclampsia: a novel risk indicator in women with gestational hypertension. Master of Science in Medicine (Clinical Epidemiology) University of Sydney. (Awarded 2008)</p> |
| 2004 - 9 | <p>Dr Cathie Lane</p> <p>Optimising the Australian medical education and training of nephrology advanced trainees. PhD work funded by NH & MRC Postgraduate Medical Scholarship. (Awarded May 2010)</p> |
| 2003 | <p>Dr Pat Chan</p> <p>The value of proteinuria in detecting and predicting adverse maternal and fetal outcomes in hypertensive pregnancies. Master of Medicine (Clinical Epidemiology) University of Sydney. (Awarded 2004)</p> |
| 2000 | <p>Dr Lorna Phelan (England)</p> <p>Studies of proteinuria in pre-eclampsia.</p> |
| 1999 | <p>Dr Fran Harlow (England)</p> <p>Studies of platelet activation in pre-eclampsia and classification of hypertension in pregnancy.</p> |
| 1996- 99 | <p>Dr Lucy Bowyer (England)</p> <p>Vascular reactivity in normal and hypertensive pregnancy
MD Project – MD awarded University of Newcastle, UK, 2000.
Dr Bowyer was awarded Young Investigators awards for this work by the International (ISSHP) and Australasian (ASSHP) Societies for the Study of Hypertension in Pregnancy, the High Blood Pressure Research Council of Australia and won the St George Hospital Hastings Memorial Prize. <i>This work resulted in publications in international journals.</i></p> |

- 1995 - 97 Dr Patrick Saudan (Switzerland)
Clinical Studies in hypertensive pregnancies
 Visiting Research Fellow from Geneva, Switzerland
 Research Fellow, University of NSW.
This work resulted in four publications in international journals
- 1994 Ms Katrin A Schroeder MSc
 Masters of Nutrition and Dietetics
Salt appetite in Pregnancy
 Degree Awarded 1994. (University of NSW)
- 1993 Mr Thien (Steven) Thou
 BSc (Med) Hons. Student
Control of aldosterone release in human pregnancy
 Awarded 1st Class Honours December 1993.
 (University of NSW)
- 1991-94 Ms Vivienne C Zammit, BSc MSc. Project
Endothelial cell functions in pregnancy-induced hypertension
 MSc Awarded October 1994. (University of NSW)
- 1988-90 Dr Sandra Lowe, MB.BS,
 MD project *Atrial natriuretic peptide in normal and hypertensive human pregnancy* (Australian Kidney Foundation Postgraduate Medical Research Scholarship) MD Awarded February 1993.
 (University of NSW)

Associate Professor John Kelly

- 2010 Sean Park
 Follow up of renal and cardiovascular data from original Cohort
- 2007 T Lam. Bachelor of Science (Medicine) Honours
 Non-invasive assessment of cardiovascular function in diabetic and

non-diabetic chronic kidney disease. Candidate Awarded Distinction.

- 2006-2007 J Campbell. Independent Learning Project, UNSW Faculty of Medicine. Role of glyceryl trinitrate in cortisol-induced hypertension. Candidate awarded High Distinction.
- 2000-2004 J Kohlhagen. MD. (Awarded 2005)
Nutritional and vascular risk factors in chronic renal insufficiency.
- 1998-1999 JA Lawson. MPH. (Awarded 2000)
Prevalence of Malnutrition in Predialysis Chronic Renal Failure
- 1995-1999 GJ Mangos. MD. (Awarded 2000)
Mechanisms of Steroid-Induced Hypertension in Man and Rat.
- 1995-1998 C Wen. PhD. (Awarded 1999)
Haemodynamics in Experimental Hypertension in the Rat.
- 1994 HT Pham. BSc (Med) Hons. (Awarded 1994)
The Role of Insulin Resistance in Steroid-Induced Hypertension.

Associate Professor George Mangos

- 2004-2010 Dr Jane Holt Doctor of Medicine
Kidney function and Metabolic abnormalities in
Normal and Preeclamptic Pregnancy
Co-Supervisor: Prof Mark Brown
- 2009-10 Katherine Hanks
Masked and White Coat Hypertension in Pregnancy, ILP
- 2008-2009 Jennifer RAM Phase 2 Student Medicine UNSW
Effect of Cuff Size on Automated BP Measurement in pregnant and
non-pregnant individuals. *Presented at SOMANZ Conference,
Melbourne 2009 and winner of Young Investigator Award*

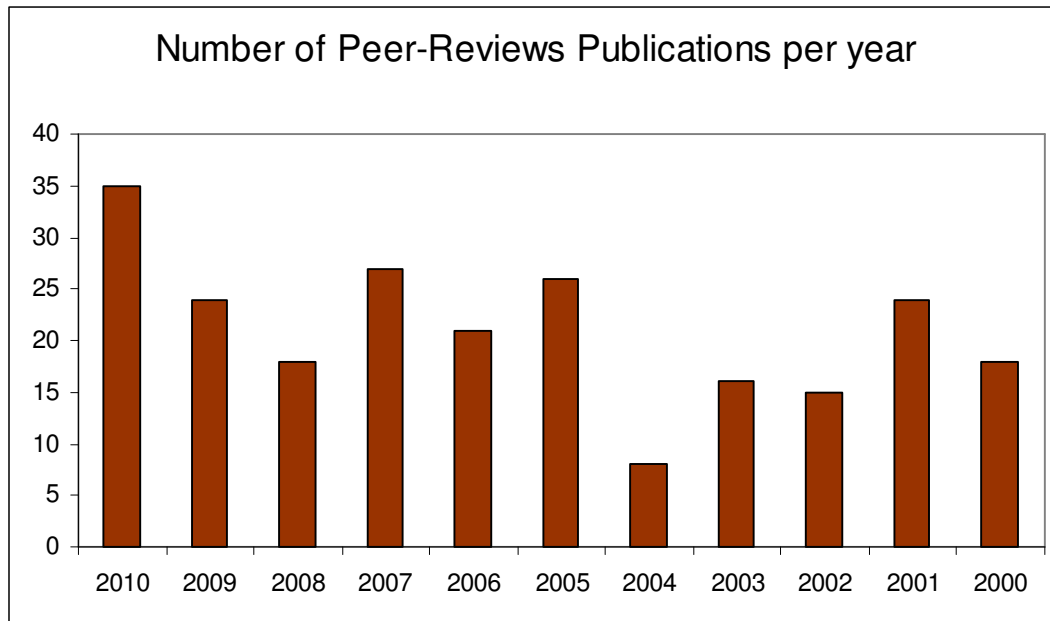
- 2006-7 Bonita Choy Phase 2 Student Medicine UNSW
Antioxidants in Cortisol-induced hypertension
- 2006-7 Lily Kho Phase 2 Student Medicine UNSW
Effect of cuff size in blood pressure measurement in pregnancy
Published in International journal and presented ANZSN Newcastle.
- 1998—2001 Steven Turner (MSc)
Studies of ACTH induced hypertension in the rat
Presented at international meetings and published in international Journals

Dr Sharon Ong

- 2010 Stephanie Cohen (MBBS) UNSW
Masked Hypertension determined by ABPM and self measured
Blood pressure in the dialysis population.



PUBLICATIONS OF THE UNIT



Publications 2010

Brennan FP. A Short Talk on Hope. *Journal of Illness, Crisis and Loss* 2010; 18(3): 259-261.

Brennan FP. Ethical Aspects of Palliative Care. *CASE* 2010.

Brennan FP. Paediatric Palliative Care as a Basic Human Right. In: Pfund R, Fowler-Kerry S, ed. *Perspectives on Palliative Care for Children and Young People- A Global Discourse*. Radcliffe Publishing; 2010.

Brennan FP. Who was Lou Gehrig? NSW Palliative Medicine Society Newsletter. 2010.

Brown MA. Chapter 43: Pregnancy with pre-existing renal disease In: Floege J, Johnson RJ, Feehally J, eds. *Comprehensive Clinical Nephrology*. Elsevier, Saunders. St Louis. Missouri. USA. 2010: 516-528.

Brown MA. Chapter 7: *Renal Disease in Pregnancy* In: Powrie RO, Greene MF, Camann W, eds. *de Swiet's Medical Disorders of Obstetric Practice*. 5th edition. Wiley-Blackwell. UK. 2010: 182-208.

Brown MA, Roberts LM, Davis G, Mangos G.J. Can we use the Omron T9P automated blood pressure monitor in pregnancy? *Hypertension in Pregnancy* 2010. Early Online: 1-6. DOI: 10.3109/10641955.2010.507854

Brown MA, Roberts LM, Mackenzie C, Mangos GJ, Davis GK. A Prospective Randomised study of Automated versus Mercury blood pressure recordings in hypertensive pregnancy (PRAM study). *Accepted for publication in the Hypertension in Pregnancy Journal* 2010. [published online ahead of print in January 2011]

Canney M, Liu E, Vonthethoff L, Weatherall C, **Ong SLH.** The nephrotic syndrome and hepatitis due to acquired syphilis: an uncommon presentation of a re-emerging disease. *NDT Plus* 2010. DOI: 10.1093/ndtplus/sfq194.

Chadban S, **Chan M,** Fry K, Patwardhan A, Ryan C, Trevillian P, Westgarth F. Nutritional management of diabetes mellitus in adult kidney transplant recipients. *Nephrology* 2010; 15: S37–S39.

Chadban S, **Chan M,** Fry K, Patwardhan A, Ryan C, Trevillian P, Westgarth F. Nutritional management of dyslipidaemia in adult kidney transplant recipients. *Nephrology* 2010; 15: S62–S67.

Chadban S, **Chan M,** Fry K, Patwardhan A, Ryan C, Trevillian P, Westgarth F. Nutritional management of hypertension in adult kidney transplant recipients. *Nephrology* 2010; 15: S56–S61.

Chadban S, **Chan M,** Fry K, Patwardhan A, Ryan C, Trevillian P, Westgarth F. Nutritional management of overweight and obesity in adult kidney transplant recipients. *Nephrology* 2010; 15: S52–S55.

Chadban S, **Chan M,** Fry K, Patwardhan A, Ryan C, Trevillian P, Westgarth F. Nutritional management of hypophosphataemia in adult kidney transplant recipients. *Nephrology* 2010; 15: S48–S51.

Chadban S, **Chan M,** Fry K, Patwardhan A, Ryan C, Trevillian P, Westgarth F. Nutritional interventions for the prevention of bone disease in kidney transplant recipients. *Nephrology* 2010; 15: S43–S47.

Chadban S, Chan M, Fry K, Patwardhan A, Ryan C, Trevillian P, Westgarth F. Protein requirement in adult kidney transplant recipients. *Nephrology* 2010; 15: S68–S71.

Chadban S, Howell M, Twigg, S, Thomas, M, **Mangos GJ,** et al. Assessment of kidney function in type 2 diabetes. *Nephrology* 2010 15: s146 - s161.

Chadban S, Howell, M, Twigg, S, Thomas, M, **Mangos GJ,** et al. Cost-effectiveness and socioeconomic implications of prevention and management of chronic kidney disease in type 2 diabetes. *Nephrology* 2010; 15: s195 - s203.

Chadban, S, Howell, M, Twigg, S, Thomas, M, **Mangos GJ,** et al. Prevention and management of chronic kidney disease in type 2 diabetes. *Nephrology* 2010; 15: s162 - s194.

Chan M. Evidence-based guidelines for the nutritional management of adult kidney transplant recipients. http://www.cari.org.au/trans_nutrition_published.php.

Cheema BSB, Abas H, Smith BCF, O'Sullivan AJ, **Chan M**, Patwardhan A, **Kelly JJ**, Gillin A, Pang G, Lloyd, Berger K, Baune, BT, Fiatarone Singh MA. Effect of resistance training during hemodialysis on circulating cytokines: a randomized controlled trial. *European journal of applied physiology*. 2010 (in press)

Head GA, Mihailidou AS, Duggan KA, Beilin LJ, Berry N, **Brown MA** et al. Ambulatory Blood Pressure working group of the High Blood Pressure Research Council of Australia. Definition of ambulatory blood pressure targets for diagnosis and treatment of hypertension in relation to clinic blood pressure: prospective cohort study. *British Medical Journal* 2010; 340:c1104.

Katz IJ, Gertholtz TE, van Deventer M, Schneider H, Naicker S. Is there a need for early detection programs for chronic kidney disease? *Clinical Nephrology* 2010; 74 (Suppl 1): S113-8.

Kumar K, Macginley R, Mantha M, Mount P, **Mangos GJ**, et al. Natural history and progression of atherosclerotic renal vascular stenosis. *Nephrology* 2010; 15: s204 - s209.

Mantha M, Kumar K, Macginley R, Mount P, **Mangos GJ**, et al. Screening tests for diagnosis of renal artery stenosis. *Nephrology* 2010; 15: s218 - s226.

Mount P, Kumar K, Macginley R, Mantha M, **Mangos GJ**, et al. Inhibition of the renin-angiotensin system. *Nephrology* 2010; 15: S234 - S243.

Martin A, **Brown MA**. Uric acid in Pre-eclampsia: an old villain with new functions? *Nature Reviews Nephrology* 2010; 6: 744-748.

Macginley R, Kumar K, Mantha M, Mount P, **Mangos GJ**, et al. Endovascular treatment. *Nephrology* 2010; 15:s210 - s217.

Macginley R & **Mangos GJ**. Renal Artery Stenosis and Hypertension: Whom and How to Screen and Treat. *Medicine Today* 2010; 11: 22 - 30.

Ong SLH, **Brown MA**. *MIMS Disease Index (eMIMS)* 2010. Hypertensive disorders in pregnancy.

Peek M, **Mangos GJ**, **Brown MA**. Chapter 49: Approach to fetal assessment, optimization of neonatal outcome, mode of delivery and timing for non-obstetric readers In: Powrie RO, Greene MF, Camann W, eds. *de Swiet's Medical Disorders of Obstetric Practic*. 5th edition. UK:Wiley-Blackwell; 2010:749-53.

Ritchie A, **Brown MA**. Proteinuria in pre-eclampsia – from bench to bedside. *Fetal. Medicine Review* 2010.

Roberts M, Kumar K, Macginley R, Mantha M, **Mangos GJ**, et al. Role of distal protection devices. *Nephrology* 2010; 15: s227 - s233.

Thida M, Earl J, Zhao Y, Wang H, Tse CS, Vickers JJ, Sutton M, **Ong SLH**, Mori TA, Croft KD, Whitworth JA, Zhang Y. Effects of sepiapterin supplementation and NOS inhibition on glucocorticoid-induced hypertension. *American Journal of Hypertension* 2010; 23(5): 569-574.

Tranter S, Westgarth F, Kemp J, Macneil J. The New South Wales Renal Nursing Education Survey. *Renal Society of Australasia Journal* 2010; 6(2) 67-75.

Publications 2009

Brennan FP. Book Review - *Right to Die* by Hazel McHaffie. *Journal of Palliative Care* 2009; 25(4):299.

Brennan FP. I am. In: Brennan FP. *Standing on the Platform – Stories and Reflections from Palliative Care*. Vision Press. 2009.

Brennan FP. The Road to Maubara. In : Brennan FP. *Standing on the Platform – Stories and Reflections from Palliative Care*. Vision Press. 2009.

Brennan FP, Cousins MC. Pain and Medical Decision Making. In Kattan MW (ed). *Encyclopedia of Medical Decision Making*. Thousand Oaks, CA: Sage Publications; 2009.

Brennan FP. Palliative Care and Human Rights. *Australasian Palliative Link International Newsletter*. 2009; 12 (2).

Brown MA. Foreword. In: Talley N, O'Connor S (eds) *Examination Medicine*. 6th edition. Elsevier; 2009.

Brown MA, Lowe SA. Current management of pre-eclampsia. *The Medical Journal of Australia* 2009; 190:3-4.

Chan, M. Evidence-based guidelines for the nutritional management of adult kidney transplant recipients. <http://www.daa.asn.au/index.asp?pageID=2145872887>.

Correa-Rotter R, Naicker S, **Katz IJ**, Agarwal SK, Herrera Valdes R, Kaseje D, Rodriguez-Iturbe B, Shaheen F, Sitthi-Amorn C; ISN-COMGAN Bellagio Study Group 2004. Demographic and epidemiologic transition in the developing world: role of albuminuria in the early diagnosis and prevention of renal and cardiovascular disease. *Kidney International Supplement* 2004; (92):S32-7. Review.

Fry K, Patwardhan A, Ryan R, Trevillian, Chadban S, Westgarth F, **Chan M**. Development of Evidence Based Guidelines for the Nutritional Management of Adult Kidney Transplant Recipients. *Journal of Renal Nutrition*. 2009 19(1):101-104.

Gwyther E, **Brennan FP**, Harding R. Advancing Palliative Care as Human Right. *Journal of Pain and Symptom Management*. 2009; 38(5): 767-774.

Kho L, **Brown MA**, **Ong SLH**, **Mangos GJ**. Blood pressure measurement in pregnancy: the effect of arm circumference and sphygmomanometer cuff size. *Obstetric Medicine* 2009; 2: 116-120.

Lowe SA, **Brown MA**, Dekker G, Gatt S, McLintock C, McMahon L, **Mangos GJ**, Moore MP, Muller P, Peek M, Walters B. Guidelines for the management of hypertensive disorders of pregnancy. *The Australian & New Zealand Journal of Obstetrics & Gynaecology* 2009; 49(3): 242-6

Mangos GJ. Investigation of the patient with Hypertension. *Medical Today* 2009; 10(12).

Katz IJ, Schneider H, Shezi Z, Mdleleni G, Gerntholtz T, Butler O, Manderson L, Naicker S. Managing Type 2 Diabetes in Soweto – the South African Chronic Disease Outreach Program Experience. *Primary Care Diabetes* 2009 (3): 157-164.

Lane CA. The 2007 Australian Nephrology Workforce Survey: - A report for the Australian & New Zealand Society of Nephrology. ISBN 978-0-9805689-0-5 [not peer reviewed] <http://www.nephrology.edu.au/workforce/documents/AustralianNephrologyWorkforceReportforANZSN.pdf>

Lane CA, **Brown MA**. Nephrology: A specialty in need of resuscitation? *Kidney International* 2009; 76:594-6.

Ong SLH, Zhang Y, Sutton M, Whitworth JA. Haemodynamics of dexamethasone-induced hypertension in the rat. *Hypertension Research* 2009; 32(10): 889-894.

Ong SLH, Zhang Y, Whitworth JA. Mechanisms of dexamethasone-induced hypertension. *Current Hypertension Reviews* 2009; 5(1): 61-74.

Paiker J, Piet J, Becker PJ, **Katz IJ**. Estimating Glomerular Filtration Rate in Black South Africans by Use of the Modification of Diet in Renal Disease and Cockcroft-Gault Equations. *Clinical Chemistry* 2008 54: 1197-1202. First published as 10.1373/clinchem.2007.099085

Thida M, Earl J, Wang H, Tse CS, Vickers JJ, Sutton M, **Ong SLH**, Whitworth JA, Zhang Y. The role of endothelial nitric oxide synthase uncoupling in glucocorticoid-induced hypertensive rats. *International Journal of Cardiology* 2009; 137 (Suppl 1): S47.

Tranter S. A hospital wide documentation project. *Australian Nursing Journal*. 2009; 17(5): 34-36.

Tranter S, Donoghue J, Baker J. Nursing the machine: an ethnography of a hospital haemodialysis unit. *Journal of Nephrology and Renal Transplantation*. 2009; 2 (3) 28-41.

Zhang Y, Wu JHY, Vickers JJ, **Ong SLH**, Temple SEL, Mori TA, Croft KD, Whitworth JA. The role of 20-hydroxyeicosatetraenoic acid in glucocorticoid-induced hypertension. *Journal of Hypertension* 2009; 27(8): 1609-1616.

Publications 2008

Brennan FP. Eulogy for Frank Brennan (1927-2003). O'Connar C, ed. *Brennan Family History*. 2008.

Brennan FP. Home Visits. *Griffith REVIEW* Spring 2007: 245-247; Reprinted in: *The Australian Financial Review* (Review Section); *Link - Disability Magazine*. 2008; 17(1).

Brennan FP. Palliative Care in East Timor. *NSW Palliative Medicine Society Newsletter*. 2008.

Brennan FP. White-Water Rafting and Palliative Care- Bruce Dawe and the nature of Palliative Care. *Journal of Palliative Care* 2008; 24:2; 119-121.

Brennan FP. Dash M. The year of magical thinking: Joan Didion and the dialectic of grief. *Journal of Medical Ethics; Medical Humanities* 2008; 34: 35-39.

Brennan FP. Gwyther E, Harding R. Palliative Care as a Human Right. *International Association of Hospice and Palliative Care (IAHPC) website*, July 2008. Report commissioned by the Open Society Institute - Law and Health Initiative on Palliative Care and Human Rights.

Brown MA. Chronic Kidney disease in Pregnancy: patterns of care and general principles of management. In: Davison JM, Nelson-Piercy K, Kehoe S, Baker P (eds) *Renal Disease in Pregnancy*. London: RCOG Press; 2008.

Brown MA. Anrold S. A day in the life of a doctor-in-training. *Medical Journal of Australia* 2008; 188:500-501.

Carrero JJ, Heimbürger O, **Chan M**, Axelsson J, Stenvinkel P, Lindholm B. Protein-energy malnutrition/wasting during peritoneal dialysis. In: Khanna, Ramesh, Raymond T, eds. *Nolph and Gokal's Textbook of Peritoneal Dialysis*. 3rd edition. Berlin: Springer; 2008.

Chan M. Nutrition, Diabetes and Chronic Kidney Disease, Diabetes Management. *A journal Practitioners & other Health Professionals*. 2008 (25): 6-7.

Dobson S, **Tranter S.** Organising the work: choosing the most effective way to deliver nursing care in a hospital haemodialysis unit. *Renal Society of Australasia Journal* 2008; 4(2): 59-63.

Gregory L, Millar R, Tasker N, **Tranter S**. Nurse led initiative to improve assessment and documentation. *Australian Nursing Journal* 2008; 16(3) 19.

Holt JL, **Mangos G.J**, **Brown MA**. Measuring protein excretion in pregnancy. *Nephrology (Carlton)* 2007; 12(5): 425-30. Review.

Homer CS, **Brown MA**, **Mangos G.J**, Davis GK. Non-proteinuric pre-eclampsia: a novel risk indicator in women with gestational hypertension. *Journal of Hypertension* 2008; 26: 295-302.

Kelly JJ. Micronutrient Deficiency in Chronic Kidney Disease. *Nephrology (Carlton)*. 2008; 13(1):1-2.

Lane CA, Healy C, Ho MT, Pearson SA, **Brown MA**. How to attract a nephrology trainee: quantitative questionnaire results. *Nephrology* 2008; 13(2):116-23.

Ong SLH, Zhang Y, Whitworth JA. Reactive oxygen species and glucocorticoid-induced hypertension. *Clinical and Experimental Pharmacology & Physiology* 2008; 35(4): 477-82.

Phipps S, Roder MA, Aslan P, **Brown MA**, Lynch W. A case of iatrogenic ureteric injury presenting with headache. *Nature Clinical Practice Urology* 2008; 5(2): 113-6.

Publications 2007

Brennan FP. A Doctor's Notebook. *Griffith REVIEW*. 2007.

Brennan FP. "Excruciating rage" - The passion of Stephen Lewis, UN Special Envoy on HIV/AIDS in Africa. *Australasian Palliative Link International Newsletter- May 2008*; 11(1).

Brennan FP. Palliative Care and Human Rights – Cape Town Meeting. *NSW Palliative Medicine Society Newsletter*. 2007.

Brennan FP. Palliative Care as an International Human Right. *Journal of Pain and Symptom Management - Special Issue*. 2007; 33: 494-499.

Brennan FP. Palliative Care in Sub-Saharan Africa – how can we help? *NSW Palliative Medicine Society Newsletter*. 2007.

Brennan FP. Parents. *Griffith REVIEW*. 2007: 243-244.

Brennan FP. Reflections on *Reveries : Images of Mortality*. Exhibition of photography at the Australian National Portrait Gallery. Published at npg@dcita.gov.au. 2007.

Brennan FP. The bells of Kwazakele. *Griffith REVIEW*. 2007: 255-257.

Brennan FP. The role of Palliative Care. *Living Ethics*. 2007; 67.

Brennan FP. Words. *Annals of Internal Medicine*. 2007.

Brennan FP, Carr DB, Cousins MC. Pain Management – A Fundamental Human Right. *Anesthesia and Analgesia*. 2007; 105:205-221.

Brown MA, Mackensie C, Dunsimir W, **Roberts LM,** Ikin K, Matthews J, **Mangos GJ,** Davis G. Can we predict the recurrence of pre-eclampsia or gestational hypertension? *British Journal of Obstetrics and Gynaecology* 2007.

Chan M, Cheema BSB, Fiatarone Singh MA. Progressive resistance training and nutrition in renal failure. *Journal of Renal Nutrition* 2007; 17 (1): 84-87.

Cheema B, Abas H., Smith B, O'Sullivan A, **Chan M,** Patwardhan A, **Kelly JJ,** Gillin A, Pang G, Lloyd B, Fiatarone Singh M. Randomized controlled trial of intradialytic resistance training to target muscle wasting in ESRD: the Progressive Exercise for Anabolism in Kidney Disease (PEAK) study. *American Journal of Kidney Diseases* 2007; 50(4):574-84.

Cheema B, O'Sullivan A, Smith B, **Chan M,** Patwardhan A, **Kelly JJ,** Gillin A, Pang G, Lloyd B, Abas H, Fiatarone Singh M. Progressive exercise for anabolism in kidney disease (PEAK): A randomized controlled trial of resistance training during hemodialysis. *Journal of the American Society of Nephrology* 2007; 18(5): 1594-601.

Davis GK, Mackenzie C, **Brown MA,** Homer CS, Holt J, McHugh L, **Mangos GJ.** Predicting transformation from gestational hypertension to pre-eclampsia in clinical practice: a possible role for 24hr ambulatory blood pressure monitoring. *Hypertension in Pregnancy* 2007; 26: 77-87.

Disney A, de Jersey P, Kirkland G, Mantha M, Charlesworth J, Gallagher M, Harris D, Gock H, **Mangos GJ,** MacMillan J, Liu W, Viswalingam A. Darbepoetin alfa administered monthly maintains haemoglobin concentrations in patients with chronic kidney disease not receiving dialysis: a multicentre, open-label, Australian study. *Nephrology (Carlton)* 2007; 12(1):95-101

Fry K, **Chan M.** Long term nutritional interventions for adult kidney transplant recipients (protocol). *The Cochrane library*. 2007; (4).

Kelly JJ, DCH H, ed. *Renal Vascular Disease in Clinical Cases in Kidney Disease*. Sydney: MCGraw Hill Medical Australia Pty Ltd; 2007.

Kelly JJ, Tranter S, Williamson PM, Whitworth, JA. Decreased threshold for the nitric oxide donor glyceryl trinitrate in cortisol-induced hypertension in humans. *Clinical and Experimental Pharmacology & Physiology* 2007; 34(12): 1317-1318.

Kelly JJ, Tam SH, **Williamson PM**, Whitworth, JA. Decreased threshold for the nitric oxide donor glyceryl trinitrate in cortisol-induced hypertension in humans. *Clinical and Experimental Pharmacology & Physiology* 2007; 34(12):1317-1318.

O'Sullivan AJ, **Kelly JJ**. Insulin Resistance and Protein catabolism in Non-diabetic hemodialysis patients. *Kidney International* 2007; 71(2): 98 - 100.

Tranter S, **Burns T**, Dobson S, Graft E, Ng W, **Martinez Y**. Practise development in the hospital haemodialysis unit. Improving calcium and phosphate management. *Renal Society of Australasia Journal* 2007; 3(2): 61-64.

Shen YY, Charlesworth JA, **Kelly JJ**, Loi KW, Peake PW. Upregulation of adiponectin, its isoforms and receptors in end-stage renal disease. *Nephrology, Dialysis, Transplantation* 2007; 22 (1): 171-178.

Shen YY, Charlesworth JA, **Kelly JJ**, Peake PW. The effect of renal transplantation on adiponectin and its isoforms and receptors. *Metabolism: Clinical & Experimental* 2007; 56(9): 1201-8.

Ong SL, Vickers JJ, Zhang Y, McKenzie KU, Walsh CE, Whitworth JA. Role of xanthine oxidase in dexamethasone-induced hypertension in rats. *Clinical and Experimental Pharmacology & Physiology* 2007; 34: 522-4.

Roberts LM, Homer CS, Davis GK, Miller T. Misoprostol to induce labour: A review of its use in a NSW hospital. *The Australian & New Zealand Journal of Obstetrics & Gynaecology* 2007; 47(4): 291-296.

Publications 2006

Ash S, Campbell K, MacLaughlin H, McCoy E, **Chan M**, Anderson K, Corke K, Dumont R, Lloyd L, Meade A, Montgomery- Johnson R, Tasker T, Thrift P, Trotter B. Evidence Based Practice Guidelines for Nutritional Management of Chronic Kidney Disease. Dietitians Association of Australia. *Journal of Nutrition and Dietetics*. 2006; 63(2): S35–S45.

Brennan FP. Silence. *American Journal of Hospice and Palliative Medicine*. 2006 (23) 2:1-2.

Brennan FP. The Woman from County Meath. *Annals of Internal Medicine*. 2006; 144(11):864.

Brown MA. Which factors affects the resolution of hypertensive pregnancy disorders after delivery? Commentary on Stepan et al. (2006). *Journal of Human Hypertension*. 20:125-128
Nature Clinical Practice Nephrology 2006; 2:476-477.

Chan M. Evidence based practice guidelines for the nutritional management of chronic kidney disease. 2006. <http://www.daa.asn.au/index.asp?pageID=2145872887>.

Cheema BSB, O'Sullivan AJ, **Chan M**, Patwardhan A, **Kelly JJ**, Gillin A, Fiatarone Sinch MA. Progressive resistance training during hemodialysis: Rationale and method of a randomized-controlled trial. *Haemodialysis International* 2006; 10: 303-310.

Cheema BSB, O'Sullivan AJ, **Chan M**, et.al. Progressive Resistance Training During Hemodialysis: Rationale and Method of a Randomized Controlled Trial. *Haemodialysis International* 2006; 10: 303-310.

Gerntholtz TE, Goetsch SJ, **Katz IJ**. HIV-related nephropathy: a South African perspective. *Kidney International* 2006; 69(10):1885-1891.

Gotsopoulos H, **Kelly JJ**, Cistulli P. Oral Appliance Therapy Reduced Blood Pressure In Obstructive Sleep Apnoea: A Randomised Controlled Trial. *Sleep* 2004; 27:934-941.

Katz IJ, Hoy WE, Kondalsamy-Chennakesavan S, Gerntholtz T, Scheppingen J, Sharma S, Butler O, Shezi E, Mdleleni G, Mthombeni D. Chronic kidney disease management--what can we learn from South African and Australian efforts? *Blood Purification* 2006; 24(1):115-122.

Kelly JJ. *Nephrotic Syndrome MIMS Disease Index*. 3rd Edition. 2006.

Kelly JJ, Kohlhagen J. ASFAST - Untangling the web of cardiovascular risk in chronic kidney disease (invited editorial). *Nephrology* 2004; 9: 112-113.

Lane CA, **Brown MA**, Dunsmuir W, **Kelly JJ**, **Mangos GJ**. Can spot urine protein: creatinine ratios replace 24 hour urine protein in usual clinical nephrology? *Nephrology* 2006; 11: 245-249.

Mangos GJ. Cardiovascular disease following pre-eclampsia: understanding the mechanisms. *Journal of Hypertension* 2006; 24(4):639-641.

Mangos GJ, Walker BR, **Williamson PM**, Whitworth JA, **Kelly JJ**. Effect of synthetic corticosteroids on vascular reactivity in the Human Forearm. *Clinical and Experimental Hypertension* 2006; 28: 707-718.

Martin L, **Mangos GJ**, Frieman J, Cheung K, Farnsworth A, DeSouza P, Murrell D. Diffuse Hyperpigmentation and Melanuria from Metastatic Melanoma. *Nephrology* 2006.

O'Sullivan AJ, Kriketos AD, Martin A, **Brown MA**. Serum adiponectin levels in normal and hypertensive pregnancy. *Hypertension in Pregnancy* 2006; 25(3):193-203.

Pang TC, **Brown MA**. Accuracy of ambulatory blood pressure monitors in routine clinical practice. *American Journal of Hypertension* 2006; 19(8):801-809.

Tranter S. From machine to patient: shifting the focus of care within a hospital haemodialysis unit. *Nursing Australia Journal* 2006; 7(1):18-19.

Tranter S, Martinez Y, Rayment G. A nurse initiated iron management protocol for patients on hospital haemodialysis. *Renal Society of Australasia Journal* 2006; 2(1) 30-32.

Whitworth JA, Zhang JA, **Mangos G.J, Kelly J.J.** Species variability in cardiovascular research: the example of adrenocorticotrophin-induced hypertension. *Clinical and Experimental Pharmacology and Physiology* 2006; 33(9):887-891.

Publications 2005

Brennan FP, Heckler. *Sydney Morning Herald*; 2005.

Brennan FP. Is there a right to Palliative Care? *Civil Liberty* 2005: 200.

Brennan FP. *Standing on the Platform – Stories and Reflections from Palliative Care*. Vision Press; 2009.

Brennan FP. Reflections from abroad. In: Ling J, O'Siorain L, eds. *Palliative Care in Ireland*. 2005.

Brennan FP, Cousins MJ. Pain Relief as a Human Right. *Clinical Updates* 2005; 12(5).

Brown MA. Hypertension in Pregnancy. In: Finn M, Bowyer L, Carr S, O'Connor V, Vollenhoven B, eds. *Women's Health: a Core Curriculum*. Sydney: Elsevier Mosby; 2005: 116-119.

Brown MA, Holt JL, **Mangos G.J**, Murray N, Curtis J, Homer C. Microscopic haematuria in pregnancy: relevance to pregnancy outcome. *American Journal of Kidney Diseases* 2005; 45(4):667-73.

Brown MA, Holt JL, **Mangos G.J**, Whitworth JA, **Kelly J.J**. Acute effects of hydrocortisone on plasma nitrate/ nitrite activity and forearm vasodilator responsiveness in normal human subjects. *Clinical and Experimental Pharmacology & Physiology* 2005; 32 (3):162-166.

Brown MA, Mangos G.J, Davis G, Homer C. The natural history of white-coat hypertension during pregnancy. *British Journal of Obstetrics and Gynaecology* 2005; 112(5):601-606.

Chan P, **Brown MA**, Simpson JM, Davis G. Proteinuria in pre-eclampsia: how much matters? *British Journal of Obstetrics and Gynaecology* 2005; 112(3):280-285.

Dirks JH, de Zeeuw D, Agarwal SK, Atkins RC, Correa-Rotter R, D'Amico G, Bennett PH, El Nahas M, Valdes RH, Kaseje D, **Katz I.J**, Naicker S, Rodriguez-Iturbe B, Schieppati A, Shaheen F, Sitthi-Amorn C, Solez K, Viberti G, Remuzzi G, Weening JJ; International Society of Nephrology Commission for the Global Advancement of Nephrology Study Group 2004. Prevention of chronic kidney and vascular disease: toward global health equity-the Bellagio 2004 Declaration. *Kidney International Supplement* 2005; (98):S1-6.

Dowton SB, Stokes ML, Rawstron EJ, Pogson PR, **Brown MA**. Postgraduate Medical Education: Rethinking and integrating a complex landscape. *Medical Journal of Australia* 2005; 182(4):177-80.

Gerntholtz TE, Goetsch SJ, **Katz IJ**. HIV-related nephropathy: a South African perspective. *Kidney International* 2006; 69(10):1885-1891.

Hoy WE, Kondalsamy-Chennakesavan S, Scheppingen J, Sharma S, **Katz IJ**. A chronic disease outreach program for Aboriginal communities. *Kidney International Supplement* 2005 ;(98):S76-82.

Katz IJ. International aid and medical practice in the less-developed world: doing it right, what can renal organizations learn? *Kidney International Supplement* 2005; (98):S60-5.

Katz IJ. Kidney and kidney related chronic diseases in South Africa and chronic disease intervention program experiences. *Advances in Chronic Kidney Disease* 2005; 12(1):14-21. Review.

Katz IJ, Hoy WE, Kondalsamy-Chennakesavan S, Gerntholtz T, Scheppingen J, Sharma S, Butler O, Shezi E, Mdleleni G, Mthombeni D. Chronic kidney disease management--what can we learn from South African and Australian efforts? *Blood Purification* 2006; 24(1):115-122.

Kelly JJ, Stanley M, Harris D. Acceptance onto Dialysis Guidelines. Predialysis education. *Nephrology* 2005; 10: S46-S49.

Kennedy S, Shen Y, Charlesworth JA, Mackie JD, Mahony JD, **Kelly JJ**, Pussell BA. Outcome of overseas commercial kidney transplantation: an Australian perspective. *The Medical Journal of Australia* 2005; 182(5):224-7.

Kohlhagen J, **Kelly JJ**. Vascular disease and risk factors in chronic kidney disease. *Journal of Vascular Disease Prevention* 2005; 2: 321-331.

Lane CA, Holt J, **Brown MA**. Nephrology training in Australia: is there a problem? *Nephrology* 2005; 10: 106-108.

Shen Y, Peake PW, **Kelly JJ**. Should we quantify insulin resistance in patients with renal disease. *Nephrology* 2005; 10: 599-605.

Williamson PM, Kohlhagen J, **Mangos GJ**, Whitworth JA, **Kelly JJ**. Acute effects of hydrocortisone on plasma nitrate/nitrite activity and forearm vasodilator responsiveness in normal human subjects. *Clinical and Experimental Pharmacology & Physiology* 2005; 32:162-166.

Williamson PM, Tam SH, **Kelly JJ**, Whitworth JA. Ganglion blockade does not prevent cortisol-induced hypertension in man. *Clinical & Experimental Pharmacology & Physiology* 2005; 32(4):294-6.

Whitworth JA, **Williamson PM**, **Mangos GJ**, **Kelly JJ**. Cardiovascular consequences of cortisol excess. *Vascular Health and Risk Management* 2005; 1 (4) 291-299.

Whitworth JA, Zhang Y, **Mangos GJ**, **Kelly JJ**. Species variability in cardiovascular research: the example of adrenocorticotrophin-induced hypertension. *Clinical and Experimental Pharmacology & Physiology* 2005; 33(9): 887-891.

Publications 2004

Brennan FP. "As vast as the world" – reflections on A Very Easy Death by Simone de Beauvoir. *Journal of Medical Ethics; Medical Humanities* 2004; 30:85-90.

Brown MA, McHugh L, **Mangos GJ**, Davis G. Automated self initiated blood pressure or 24-hour ambulatory blood pressure monitoring in pregnancy. *British Journal of Obstetrics and Gynaecology* 2004; 111(1):38-41.

Correa-Rotter R, Naicker S, **Katz IJ**, Agarwal SK, Herrera Valdes R, Kaseje D, Rodriguez-Iturbe B, Shaheen F, Sitthi-Amorn C; ISN-COMGAN Bellagio Study Group 2004. Demographic and epidemiologic transition in the developing world: role of albuminuria in the early diagnosis and prevention of renal and cardiovascular disease. *Kidney International Supplement* 2004; (92):S32-7. Review.

Cousins MJ, **Brennan F**, Carr DB. Pain relief: a universal human right. *Pain*. 2004; 112(1-2):1-4.

Martinez Y. The use of intradialytic parental nutrition in the management of sclerosing peritonitis: a case study. *Achievements in Nursing* 2004; 6: 20-22.

Phelan LK, **Brown MA**, Davis GK, **Mangos GJ**. A prospective study of the impact of automated dipstick urinalysis on the diagnosis of pre-eclampsia. *Hypertension in Pregnancy* 2004; 23(2):135-42.

Shen Y, **Brown MA**. Renal imaging in pyelonephritis. *Nephrology* 2004; 9: 22-25.

Whitworth JA, **Mangos GJ**, **Kelly JJ**. Hypertension in Cushing's Syndrome. In: Mansoor, GA, ed. *Secondary Hypertension*. New Jersey: Humana Press 2004. ISBN 1-58829-141-3.

Publications 2003

Abdulla M, Magee LA, von Dadelzen P, Bohun CM, Rey E, El-Zibdeh M, Stalker S, Ross, S, Hewson S, Logen AG, Ohlsson A, Naeem T, Thornton JG, Walkinshaw S, **Brown MA**, Davis G, Hannah ME. Serious perinatal complications of non-proteinuric hypertension: an international, multicentre, retrospective cohort study. *Journal of Obstetrics and Gynaecology* 2003; 25(5):372-382.

Bowyer L, **Brown MA**, Jones M. Vascular reactivity in pre-eclampsia. *British Journal of Obstetrics and Gynaecology* 2003; 110: 383-391.

Brown MA. Diagnosis and classification of pre-eclampsia and other hypertensive disorders of pregnancy. In: Belfort MA, Thornton S, Saade GR (eds) *Hypertension in Pregnancy*. New York: Marcel Dekker; 2003: 1-16.

Brown MA. Pre-eclampsia: a lifelong disorder? *Medical Journal of Australia* 2003; 179(4):182-3.

Brown MA, Bowyer L. Renal complications in the normal pregnancy. In: Johnson RJ, Feehally J, eds. *Comprehensive Clinical Nephrology*. London: Mosby International; 2003.

Chin-Dusting JPF, Ahlers BA, Kaye DM, **Kelly JJ**, Whitworth JA. Arginine transport in humans with cortisol-induced hypertension. *Hypertension* 2003; 41 (6): 1336-1340.

Davidson PM, MacDonald PS, Paul G, Rees D, Howes L, Cockburn J, **Brown MA**. Diuretic therapy in chronic heart failure: implications for heart failure nurse specialists. *Australian Critical Care* 2003; 16: 59-69.

Gotsopoulos H, **Kelly JJ**, Cistulli P. Oral Appliance Therapy Reduced Blood Pressure In Obstructive Sleep Apnoea: A Randomised Controlled Trial. *Sleep* 2004; 27(5):842-843.

Kelly JJ, Kohlhagen J. Atherosclerosis and Folic Acid Supplementation Trial: untangling the web of cardiac risk in chronic kidney disease. *Nephrology* 2004; 9(3):112-113.

Kohlhagen J, **Kelly JJ**. Prevalence of vascular risk factors and vascular disease in chronic renal failure. *Nephrology* 2003; (8): 274-279.

Mangos GJ, Whitworth JA, **Williamson PM**, **Kelly JJ**. Glucocorticoids and the kidney. *Nephrology* 2003; 8(6):267-273.

North RA, **Brown MA**. Gestational hypertension in pregnancy; how much should we worry? In: Belfort MA, Thornton S, Saade GR, eds. *Hypertension in Pregnancy*. New York: Marcel Dekker; 2003: 189-220.

Poynten AM, Gan SK, Kriketos AD, O'Sullivan AJ, **Kelly JJ**, Ellis BA, Chisholm DJ, Campbell LV. Nicotinic acid-induced insulin resistance is related to increased circulating fatty acids and fat oxidation but not muscle lipid content. *Metabolism: Clinical and Experimental* 2003; 52(6):699-704.

Roberts LM, Bowyer L, Homer CS, and **Brown MA**. Multicentre research involving review of medical records: Negotiating the obstacle course of ethics approval. *Achievements in Nursing, St George Hospital and Community Health Service* 2003, 68-71.

Whitworth JA, **Mangos GJ**, **Kelly JJ**. Hypertension in Cushing's Syndrome in Secondary Hypertension. In: Mansoor MD, GA, ed. *Clinical Presentation and Diagnosis and Treatment*. Totowa (New Jersey): Human Press Inc; 2004: 195 – 220. ISBN 1-58829-141-3.

Wing LM, Reid CM, Ryan P, Beilin LJ, **Brown MA**, Jennings GL, Johnston CI, McNeil JJ, Macdonald GJ, Marley JE, Morgan TO, West MJ; Second Australian National Blood Pressure Study Group. A comparison of outcomes with angiotensin-converting-enzyme inhibitors and diuretics for hypertension in the elderly. *New England Journal of Medicine* 2003; 348(7):583-592.

Publications 2002

Brown MA, Buddle ML, Farrell T, Davis GK. Efficacy and safety of nifedipine tablets for the acute treatment of severe hypertension in pregnancy. *American Journal of Obstetrics and Gynaecology* 2002; 187: 446-450.

Brown MA, Davis GK. Hypertension in Pregnancy. In: Mancia G, ed. *Hypertension Manual*. London: Harcourt Brace & Co. Ltd; 2002: 579-598.

Brown MA, McMahon L. Differentiating Paroxysmal Nocturnal Haemoglobinuria and Pre-eclampsia. *Nephrology* 2002; 7: 536-539.

Davis GK, Homer CSE, **Brown MA**. Hypertension in pregnancy: do consensus statements make a difference? *Australian and New Zealand Journal of Obstetrics and Gynaecology* 2002; 42(4):369-373.

Harlow FH, **Brown MA**, Brighton TA, Smith SL, Trickett AE, Kwan YL, Davis GK. Platelet activation in the hypertensive disorders of pregnancy. *American Journal of Obstetrics and Gynecology* 2002; 187: 688-695.

Homer C, Farrell T, Davis G, **Brown MA**. Women's worry in the antenatal period. *British Journal of Midwifery* 2002; 10: 356-360.

Kohlhagen J, Katrib A, Stafford L, **Brown MA**, Edmonds J Does regular use of non-steroidal anti-inflammatory drugs increase the risk of renal disease? *Nephrology* 2002; 7: 5-11.

Luyckx VA, Ballantine R, Claeys M, Cuyckens F, Van den Heuvel H, Cimanga RK, Vlietinck AJ, De Broe ME, **Katz IJ**. Herbal remedy-associated acute renal failure secondary to Cape aloes. *American Journal of Kidney Diseases* 2002; 39(3):E13

Roberts LM. Whose baby is it? Promoting parental bonding with the sick neonate. *Midwifery Matters* 2002, 20(3):16-17.

Murray N, Homer CSE, Davis GK, Curtis J, **Mangos GJ**, **Brown MA**. The Clinical Utility of Routine Urinalysis in Pregnancy: a prospective study. *Medical Journal of Australia* 2002; 177(9):477-480.

NG, ATM, **Mangos GJ**, Chan YK. Tubulointerstitial nephritis and uveitis: a rare cause of renal failure. *Hong Kong Journal of Nephrology* 2002; 4(2):105-107.

O'Sullivan AJ, Lawson JA, **Chan M**, **Kelly JJ**. Body composition and energy metabolism in chronic renal insufficiency. *American Journal of Kidney Diseases* 2002; 39(2): 369-375.

Tranter S. Aiming for patient centred care. *Australian Nursing Journal* 2002; 12(1) 33.

Whitworth JA, Schyvens CG, Zhang Y, Andrews MC, **Mangos GJ**, **Kelly JJ**. The nitric oxide system in glucocorticoid-induced hypertension. *Journal of Hypertension* 2002; 20(6):1035-1043. Review.

Wing LM, **Brown MA**, Beilin LJ, Ryan P, Reid CM; ANBP2 Management Committee and Investigators. Second Australian National Blood Pressure Study. 'Reverse white-coat hypertension' in older hypertensives. *Journal of Hypertension* 2002; 20(4):639-644.

Publications 2001

Bowyer L, **Brown MA**, Jones M. Vascular reactivity in men and women of reproductive age. *American Journal of Obstetrics and Gynecology* 2001; 185(1):88-96.

Brown MA. Treating hypertension in patients with Renal Disease. *New Ethical Journal* 2001; 51-55.

Brown MA, Bowyer L, McHugh L, Davis GK, **Manogs GJ**, Jones M. Twenty-four hour automated blood pressure monitoring as a predictor of pre-eclampsia. *American Journal Obstetrics & Gynecology* 2001; 185(3):618-622.

Brown MA, Buddle ML, Martin A. Is resistant hypertension really resistant? *American Journal of Hypertension* 2001; 14: 1263-1269.

Brown MA, Davis GK, McHugh L. The prevalence and clinical significance of nocturnal hypertension in pregnancy. *Hypertension* 2001; 19: 1437 – 1444.

Brown MA, Lindheimer MD, de Swiet M, Van Assche A, Moutquin JM. The classification and diagnosis of the hypertensive disorders of pregnancy: statement from the International Society for the Study of Hypertension in Pregnancy (ISSHP). *Hypertension in Pregnancy* 2001; 20 (1): ix – xiv.

Chan M. Nutrition Management in Progressive Renal Failure. *Current Therapeutic*. 2001; 42 (7): 27-31.

Fraser TB, Turner SW, **Mangos GJ**, Whitworth JA. Comparison of telemetric and tail-cuff blood pressure monitoring in adrenocorticotrophin (ACTH)-treated rats. *Clinical and Experimental Pharmacology and Physiology* 2001; 28:831-835.

Harlow FH, **Brown MA**. The diversity of diagnoses of pre-eclampsia. *Hypertension in Pregnancy* 2001; 20(1):57-67.

Katz IJ, Sofianou L, Butler O, Hopley M. Recovery of renal function in Black South African patients with malignant hypertension: superiority of continuous ambulatory peritoneal dialysis over hemodialysis. *Peritoneal Dialysis International* 2001; 21(6):581-586.

Katz IJ, Sofianou L, Hopley M. An African community-based chronic ambulatory peritoneal dialysis programme. *Nephrology, Dialysis, Transplantation* 2001; 16(12):2395-400.

Kelly JJ. Case commentary: managing the patient with refractory hypertension. *Medicine Today* 2001; 2: 127.

Kelly JJ. Preventing progression of chronic renal failure. *Current Therapeutics* 2001; 42: 12-16.

Kelly JJ, **Williamson PM**, Martin A, Whitworth JA. Effects of oral L-arginine on plasma nitrate and blood pressure in cortisol treated humans. *Journal of Hypertension*. 2001; 19(2):263-268.

Lawson JA, Lazarus R, **Kelly JJ**. Prevalence and prognostic significance of malnutrition in chronic renal failure insufficiency. *Journal of Renal Nutrition* 2001; 11:16-22.

Luyckx VA, Ballantine R, Claeys M, Cuyckens F, Van den Heuvel H, Cimanga RK, Vlietinck AJ, De Broe ME, **Katz IJ**. Herbal remedy-associated acute renal failure secondary to Cape aloes. *American Journal of Kidney Diseases* 2002; 39(3):E13.

Martin A, **Brown MA**, O'Sullivan AJ. Body composition and energy metabolism in pregnancy. *Australian and New Zealand Journal of Obstetrics & Gynaecology* 2001; 41(2):217-223.

O'Sullivan AJ, Martin A, **Brown MA**. Efficient fat storage in premenopausal women and in early pregnancy: role for estrogen. *Journal of Clinical Endocrinology & Metabolism* 2001; 86(10):4951-4956.

Schyvens CG, **Mangos GJ**, Zhang, Y, McKenzie KUS, Whitworth JA. Telemetric monitoring of adrenocorticotrophin (ACTH)-induced hypertension in mice. *Clinical and Experimental Pharmacology & Physiology* 2001; 28: 758-760.

Tranter S, Martinez Y. (2001). Debugging the system; Our renal unit's experience with a decontamination protocol for tunnelled central venous catheters used for haemodialysis. *Achievements in Nursing* 2001; 3, 34-35.

Turner SW, Fraser TB, **Mangos GJ**, Whitworth JA. Circadian blood pressure variability in adrenocorticotrophin (ACTH)-induced hypertension in the rat. *Journal of Hypertension* 2001; 19:1411-1419.

Turner SW, **Mangos GJ**, Whitworth JA. Nitric oxide synthase activity in ACTH-induced hypertension in the rat. *Clinical and Experimental Pharmacology and Physiology* 2001; 28(11):881-883.

Turner TB, Turner SW, **Mangos GJ**, Whitworth JA. Circadian blood pressure variability in adrenocorticotrophin (ACTH)-induced hypertension in the rat. *Journal of Hypertension* 2001; 19(8):1411-1419.

Whitworth JA, Schyvens CG, Zhang Y, **Mangos GJ**, **Kelly JJ**. Glucocorticoid-induced hypertension: from mouse to man. *Clinical and Experimental Pharmacology & Physiology* 2001; 28(12): 993-996.

Publications 2000

Archis CA, Blacka J, **Brown MA**. Does an endoluminal catheter brush improve flows or unblock hemodialysis catheters? *Nephrology* 2000; 5: 55-58.

Brown MA. Hypertensive disorders in pregnancy In: *Mims Disease Index*. 3rd Edition. MIMS CD on CD-ROM Feb 2000. Australia: Havas Medimedia; 2000.

Brown MA. Treating hypertension in patients with Renal Disease. *Current Therapeutics* 2000; 41: 12-17.

Brown MA, Bowyer L. Renal complications in the normal pregnancy. In: Johnson RJ, Feehally J (eds). *Comprehensive Clinical Nephrology*. London: Mosby International; 2000: 47: 1-14

Brown MA, Davis GK. White-coat hypertension in pregnancy: fact or fantasy? *Contemporary Reviews in Obstetrics Gynaecology* 2000; 12: 13-20.

Brown MA, Hague WM, Higgins J, Lowe S, McCowan L, Oats J, Peek MJ, Rowan JA, Walters BNJ. The detection, investigation and management of hypertension in pregnancy

Executive summary. *The Australian & New Zealand Journal of Obstetrics & Gynaecology* 2000; 40(2):133-8.

Kelly JJ. Case commentary: managing the patient with refractory hypertension. *Medicine Today* 2000; 2: 127.

Kelly JJ, Stanley M, Harris D. The CARI Guidelines. Caring for Australians with Renal Impairment. *Nephrology (Carlton)*. 2005; 10 Suppl 4:S46-60.

Kelly JJ, Lawson JA, Campbell LV, Storlein LH, Jenkins AB, Whitworth JA, O'Sullivan AJ. Effects of nicotinic acid on insulin sensitivity and blood pressure in healthy subjects. *Journal of Human Hypertension* 2000; 14: 567-572.

Kelly JJ, Martin A, Whitworth JA. Role of erythropoietin in cortisol induced hypertension. *Journal of Human Hypertension* 2000; 14: 195-198.

Kelly JJ, Whitworth JA. Involvement of angiotensin II in a hydromineral balance. In: *Drugs, Receptors and Enzymes of the Renin-angiotensin System: Celebrating a Century of Discovery*. Husain, A, Graham, R, eds. Amsterdam:Harwood Academic Publishers; 2000:1; 63-66. ISBN 90-5823-038-4, ISSN 1561-4409.

Kelly JJ, Whitworth JA. Renal Blood Flow in Human Diseases. In *The Renal Circulation*. Anderson,WP ed. JAI Press Inc. Advances in Organ Biology. 2000: 9;347-368. ISBN: 0-7623-0617-3.

Laws RA, Tapsell LL, **Kelly JJ**. Nutritional status and its relationship to quality of life in a sample of haemodialysis patients. *Journal of Renal Nutrition* 2000; 10:139-147.

Mangos GJ, **Kelly JJ**, Whitworth JA. Cortisol and Essential Hypertension. *Kidney: A Current Survey of World Literature* 2000; 9: 47-50.

Mangos GJ, Turner SW, Fraser TB, Whitworth JA. The role of corticosterone in ACTH-induced hypertension in the rat. *Journal of Hypertension* 2000; 18(12):1849-55.

Mangos GJ, Walker BR, **Kelly JJ**, Lawson JA, Webb DJ, Whitworth JA. Cortisol inhibits cholinergic vasodilation in the human forearm. *American Journal of Hypertension* 2000; 13(11):1155-60.

Tranter S, Donoghue, J. Brushing has made a sweeping change: a study of the use of the endoluminal FAS brush for haemodialysis CVC management. *Australian Critical Care* 2000; 13(1) 10-13.

Whitworth JA, **Mangos GJ**, **Kelly JJ**. Cushing, cortisol, and cardiovascular disease *Hypertension* 2000; 36(5): 912-916.

Letters

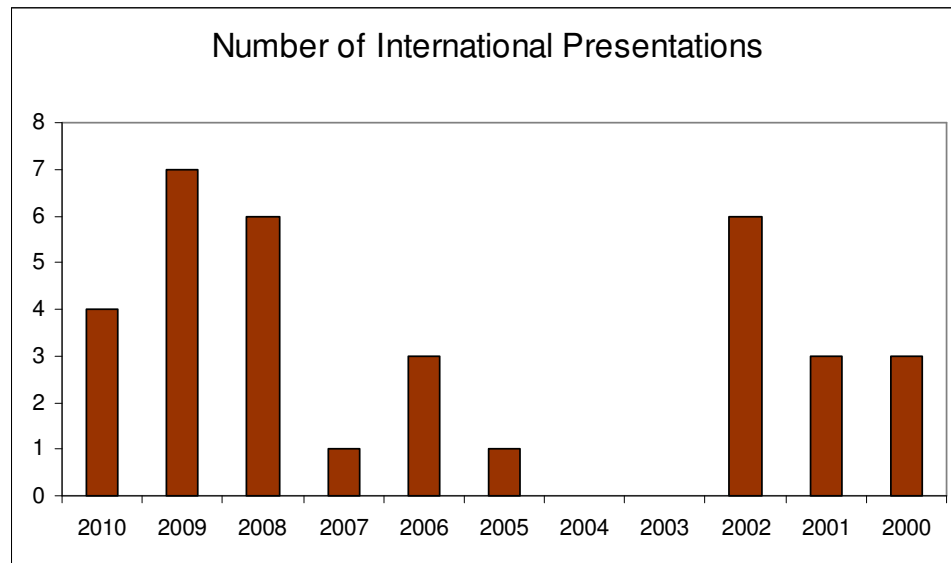
Roberts LM, Bowyer L, Homer CS, and **Brown MA**. Multicentre research: Negotiating the ethics approval obstacle course. *The Medical Journal of Australia* 2004; 180(3): 139.

Lectures and Presentations at Scientific Meetings and Conferences



- International
 - National
 - Local

Lectures and Presentations at Scientific Meetings and Conferences



International

2010

Brown MA. *Pre-eclampsia update 2010.* 3rd International Nephrology Conference Brunei Darussalam. June 26-27 2010. (ISN invited speaker).

Brown MA. *Dialysis and transplantation in Pregnancy.* 3rd International Nephrology Conference. Brunei Darussalam. June 26-27 2010. (ISN invited speaker).

Chan M. Evidence based nutrition guidelines for adult renal transplant recipients. 15th ICNMRD, Switzerland. April 2010.

Chan M. Nutritional management of patients undergoing peritoneal dialysis. Renalmanagement course, Baxter Scientia, Peaking University Third Hospital, Beijing, China. April 2010.

2009

Brown MA. *Pre-eclampsia and the Kidney.* Weill Cornell Medical College Nephrology Grand Rounds. New York. USA. Oct 22nd 2009.

Chan M. Oral Nutrition Support in Renal Failure. Parenteral and Enteral Nutrition Society of Asia (PENSA) Congress- in Kuala Lumpur, Malaysia. June 2009.

Josland E, Tranter S, Brennan F, Brown MA. Self reported quality of life in end stage renal disease patients on maintenance dialysis at St George Hospital. Paper presented at the 37th RSA National Conference, Rotorua New Zealand, March 2009.

Katz IJ. “HIV and Kidney Disease: The other side of the coin” and “Early Prevention and Detection Strategies for Chronic Kidney Disease in Minority Groups and Developing Countries” Invited speaker at World Congress of Nephrology, Milan; Italy 2009.

Kelly JJ. Buckley A., Colagiuri R. on behalf of Ministry of Health Vanuatu, Ministry of Health Nauru, World Diabetes Foundation, Australian and New Zealand Society Nephrology, Australian Health Policy Institute Diabetes Unit. Risk factors for Nephropathy in diabetic subjects in the South Pacific: Baseline data from capacity building projects in Vanuatu and Nauru. International Congress of Nephrology. Milan Italy, May 2009.

Mangos GJ. A comparison of Singleton Vs Twin Hypertensive pregnancies. Poster Presentation at International Conference on Twin Pregnancy, Venice Italy April 2009.

Ram JL, **Brown MA, Mangos GJ.** Effect of cuff size on automated BP measurement. Oral presentation by Ms Ram at SOMANZ Annual Scientific Meeting. Auckland NZ 2009 (Young Investigator Award Winner).

2008

Chan M. Evidence based nutrition guidelines for adult renal transplant recipients. 14th ICNMRD, France. June 2008.

Ong SLH. Sutton M, Vohra H, Zhang Y, Whitworth JA. Alpha lipoic acid prevents glucocorticoid-induced hypertension in the rat. Oral poster presentation at the International Society of Hypertension Scientific Meeting, Berlin, June 2008.

Ong SLH. Vohra H, Sutton M, Zhang Y, Whitworth JA. Kidney mitochondrial superoxide production in glucocorticoid-induced hypertension in rats. Poster presentation at the International Society of Hypertension Scientific Meeting, Berlin, June 2008.

Tranter S. Reaping the rewards; four years facilitating Practice Development pays off. Paper presented at the 8th International Practice Development Collaborative Conference. Veldhoven, The Netherlands, 2008.

Tranter S, Burns T, Dobson S, Graf E, Ng, W, **Martinez Y.** (2007) Practice Development in the hospital haemodialysis unit: improving calcium and phosphate management. *Renal Society of Australia Journal* 2007; 3(2) 61-64.

Zhang Y, Croft KD, Vickers JJ, **Ong SLH,** Mori TA, Whitworth JA. HET0016, a 20-

hydroxyeicosatetraenoic acid inhibitor, prevents and reverses adrenocorticotrophic hormone-induced hypertension. Oral poster presentation at the International Society of Hypertension Meeting, Berlin, June 2008.

2007

Chan M. Lectures on Nutrition & Exercise in Renal Failure to renal clinicians:

- Stockholm, Sweden – Karolinska Institute (20/3 & 2/5)
- London, United Kingdom - Royal London Hospital (21/5)

2006

Chan M. Lectures and workshop - Nutrition management in Renal Failure – Renal Update, Dietitians Association of Hong Kong. August 2006.

Chan M. Nutrition and Dialysis, plenary lecture, 13th ICNMRD, Mexico. February 2006.

Mangos G.J. “Hypertension in Pregnancy” “Kidney Stones” “Isolated Proteinuria and Haematuria” Invited Speaker (sponsored by Brunei Department of Renal Medicine) at the 2nd International Conference on Nephrology, December 8-10 2007 at The Empire Hotel, Bandar Seri Bagwan, Brunei.

2005

Mangos G.J. “Glucocorticoids and the Kidney” “The Kidneys in Pre-eclampsia” “Renal Complications of Cancer Chemotherapy” Invited speaker (sponsored by International Society of Nephrology) at the 25th Annual Convention of the Philippine Society of Nephrology, 13-16 April 2005, EDSA Shangri-LA Hotel, Mandaluyong City, Philippines. Three lectures delivered.

2002

Brown MA. *Automated methods of urinalysis have improved the accuracy of diagnosis of pre-eclampsia.* 13th World Congress. International Society for the study of Hypertension in pregnancy. Toronto. Canada.

Brown MA. *Transpacific debate: Oral antihypertensives are used excessively in pre-eclampsia.* 13th World Congress. International Society for the study of Hypertension in pregnancy. Toronto. Canada.

Chan M. Nutrition & Exercise in Renal Failure – Renal Update, dietitian’s Association of Hong Kong. December 2002.

Chan M. Nutrition & Exercise in Renal Failure - 3rd Asian Congress of Dietetics, Kuala Lumpur, Malaysia. August 2002.

Martinez Y. *Poster presentation – “Clean it, lock it, and keep it”.* Renal Society of Australasia annual conference, Wellington 2001.

Williamson PM, Lawson JA, **Mangos G.J,** Whitworth JA, **Kelly JJ.** The effect of cortisol and vasodilator prostaglandins on the forearm arterial bed. Oral presentation at the International Society of Hypertension Young Investigator Forum, Prague, Czech Republic 2002.

2001

Kohlhagen J, **Kelly JJ.** Nutritional status and vascular risk factors in pre-dialysis chronic renal insufficiency. World Congress of Nephrology/Annual Scientific Meeting of the American Society of Nephrology. 2001; San Francisco.

Tranter S. *Clinical experience in a routine dialysis unit.* Paper presented at the Catheter Management a New Approach Symposium held in London, May 29th. 2001.

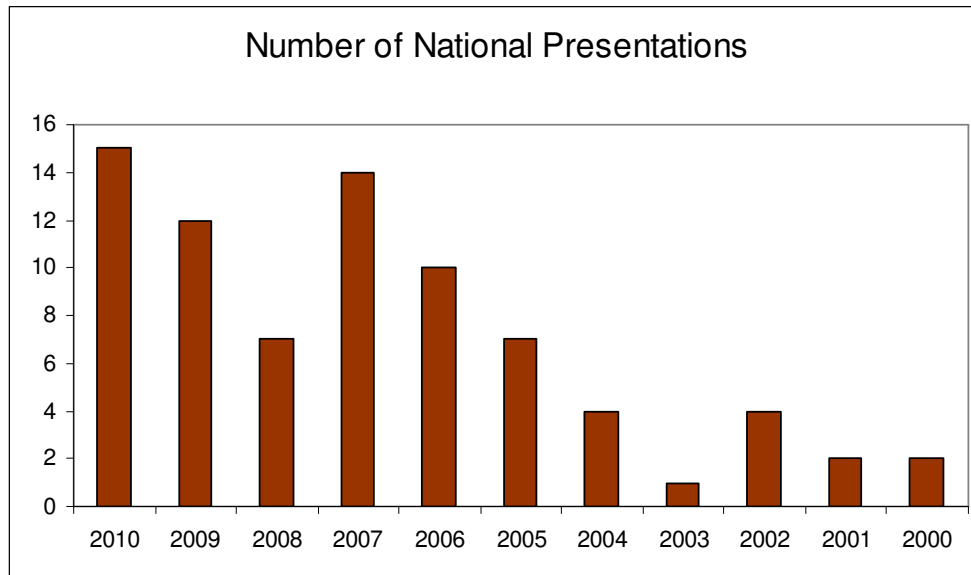
Tranter S, **Martinez Y.** *Clean it, lock it and keep it.* A poster presented at the 30th Annual Conference of the Renal Society of Australasia, Wellington New Zealand 2001.

2000

Brown MA. *Symposium: The Kidney - Assessment of urinary protein excretion in pregnancy.* 12th World Congress, International Society for the Study of Hypertension in Pregnancy. Paris. France.

Brown MA. *Chairman, Classification and nomenclature.* Symposium: Classifications at the start of the millennium: the challenges of defining pre-eclampsia. 12th World Congress, International Society for the Study of Hypertension in Pregnancy. Paris. France.

Brown MA. *Chairman, Classification and nomenclature.* 12th World Congress, International Society for the Study of Hypertension in Pregnancy. Paris. France.



National

2010

Brown MA. *Ambulatory blood pressure in Pregnancy.* HBPRCA workshop. Annual Scientific meeting HBPRCA. Melbourne. 1-3rd December, 2010.

Brown MA. State of the Art lecture: *Management of pre-eclampsia: what we think we know.* 17th ISSHP World Congress. Melbourne. Vic. 3-6th October. 2010.

Brown MA. *Annual SOMANZ hypothetical – SLE in pregnancy.* ISOM 5th International Scientific meeting. Melbourne. Vic. 1-3rd October. 2010.

Brown MA. *Renal Palliative care.* ANZSN Palliative care seminar. Perth. 12th September 2010.

Brown MA, Pirabhahar S, Kelly JJ, Mangos G, Mackenzie C, McConachie P, Butler P. *Is estimated GFR (eGFR) always a valid method for assessing renal function?* ANZSN 46th Annual Scientific Meeting. Perth. WA. September 12th – 15th 2010.

Brown MA. *Pre-eclampsia and eclampsia in 2010.* College of Intensive Care Medicine of Australia & New Zealand. 2010 Annual Scientific meeting. 4-6th June 2010.

Brown MA. *Pregnancy in Dialysis & transplantation.* 10th Annual ANZSN Postgraduate meeting. Gold Coast. Qld. 28-30th May 2010.

Brown MA. *Renal palliative care; Education models for trainees.* Australia-UK-Canada Clinical exchange: perspectives in CKD care. Adelaide. SA. March 15th – 18th. 2010.

Canney M, Liu E, Vonthehoff L, Millar E, Weatherall C, **Ong SLH**. Nephrotic syndrome secondary to Treponema pallidum. Oral poster presentation at the Australian and New Zealand Society of Nephrology, Perth, September 2010.

Cuesta C, **Tranter S**, et al. PD in PD: the use of Practice Development in a peritoneal dialysis unit. Poster presented at the Home Therapies Conference. Brisbane, February 2010.

Foote C, **Tranter S**, **Josland E**, Jardine M, Cass A, **Brennan F**, **Brown MA**. *Symptom burden in a palliative nephrology clinic*. Australian and New Zealand Society of Nephrology, 46th Annual Scientific Meeting. Perth. WA. Sept 12th – 15th 2010.

Katz IJ, Gill A, Brein L, Harvey M, Millar E, **Brown MA**. *Athrombocytopenic microangiopathy and renal failure*. Australian and New Zealand Society of Nephrology, 46th Annual Scientific Meeting, Perth. WA. Sept 12th – 15th 2010.

Lane CA, **Brown MA**. *What makes the 'ideal' nephrologist? A new basis for training and assessment*. Australian and New Zealand Society of Nephrology, 46th Annual Scientific Meeting. Perth. WA. Sept 12th – 15th 2010.

Ram J, **Mangos GJ**, **Brown MA**. *The effect of cuff size on automated blood pressure measurement in pregnant and non-pregnant individuals*. Australian and New Zealand Society of Nephrology, 46th Annual Scientific Meeting. Perth. WA. Sept 12th – 15th 2010.

Tranter S. A new initiative: a Renal Palliative Care Clinic. Paper presented at the 38th RSA National Conference, Cairns, June 2010.

2009

Brown MA. Management of diabetic nephropathy. Endocrinology Seminars. Dept. Endocrinology. Royal Prince Alfred Hospital. Sydney. April 2009.

Brown MA. Management of end stage renal failure – the importance of palliative care. Sydney Institute of Palliative Medicine. 18th Annual Symposium Sydney, NSW. April 2009.

Brown MA. *What is new in Pre-eclampsia?* Nephrology Update meeting. 45th Annual Scientific Meeting. ANZSN Hobart, Tasmania. Sept 2009.

Chan M. The Changing Diet in Kidney Disease, Australian Diabetes Society (ADS) & Australian Diabetes Educators Association (ADEA) Annual Scientific Meeting, Adelaide. August 2009.

Lane CA. The 2007 Australian Nephrology Workforce Survey: Results and Implications. Dialysis, Nephrology and Transplantation (DNT); Lorne, VIC 2009.

Mangos G.J. “Renal, Cardiovascular and Metabolic Outcomes following Pre-eclampsia”. ANZSN ASM, September 2005 Wellington. Presented at Clinical Nephrology Awards Oral Session.

Mangos G.J. “What constitutes pre-eclampsia ?” Presented orally to the ASSHP Annual Scientific Meeting, Akaroa, New Zealand, 2002.

Ong SLH, Sutton M, Zhang Y, Whitworth JA. Haemodynamics of dexamethasone-induced hypertension in the rat. Oral presentation at the Australian Society of Medical Research, Australian Capital Territory Young Investigator Forum, Canberra, 2009.

Ong SLH, Sutton M, Zhang Y, Whitworth JA. Haemodynamics of dexamethasone-induced hypertension in the rat. Poster presentation at the Australian and New Zealand Society of Nephrology, Hobart, September 2009.

Ritchie A, **Ong SLH.** An unusual presentation of primary aldosteronism: rhabdomyolysis with acute renal failure. Poster presentation at the Australian and New Zealand Society of Nephrology, Hobart. September 2009.

Shanmugasundaram P. Invited lecture at the GPCE meeting at Sydney on "Kidney Disease in General Practice- Best Care" on behalf of Kidney Health Australia.

Shanmugasundaram P, **Brown MA.** Pulse Wave Analysis (PWA) and Ultrasound (US) Evaluation of The Inferior Vena Cava (IVC) In Hemodialysis Patients. A poster presentation at the ANZSN 45th Annual scientific meeting, Hobart, Australia. September 2009.

2008

Kho CL, **Brown MA,** **Ong SLH,** **Mangos G.J.** The effect of arm circumference and blood pressure cuff size on blood pressure measurement in pregnancy. Poster presentation at the Australian and New Zealand Society of Nephrology, Newcastle, September 2008.

Martinez Y, **Tranter S,** **Chan W,** **Kelly JJ.** *Outcomes of a decontamination protocol for the treatment of tunnelled haemodialysis catheter related sepsis.* Poster presented at the Australian and New Zealand Society of Nephrology Annual Scientific Conference, Melbourne August 2006.

Ong SLH, Sutton M, Vohra H, Zhang Y, Whitworth JA. Dexamethasone-induced hypertension in rats is prevented but not reversed by alpha-lipoic acid. Poster presentation at the Australia and New Zealand Society of Nephrology, Newcastle, September 2008.

Ong SLH, Zhang Y, Whitworth JA. Haemodynamic profile of dexamethasone-induced hypertension in the rat. Poster presentation at the High Blood Pressure Research Council of Australia, Melbourne 2008.

Tranter S. *Developing the model of care in a hospital haemodialysis Unit.* Paper presented at the 36th RSA National Conference, Sydney, June 2008.

Tranter S. *Organising care: primary nursing in the HHU.* Paper presented at the Haemodialysis Models of Care Nursing Forum Sydney, 2008.

Tranter S., Martinez Y. *The buttonhole technique: some hurdles to conquer.* Paper presented at the 36th RSA National Conference, Sydney, June 2008.

2007

Kelly JJ. Early Management of the Predialysis Patient NSW Predialysis and Vascular Access Workshop, Sydney. NSW

Kelly JJ. Asia-Pacific Partnerships -Help Thy Neighbour. ANZSN Activity in the South Pacific. 2007 AMGEN Nephrology Scientific Symposium. Sydney. NSW.

Josland E, Tranter S, Brennan F, Brown MA. *A study in symptom management using palliative care for patients on hospital haemodialysis.* Poster presented at the 9th Australian Palliative Care Conference Melbourne, August 2007.

Josland E, Tranter S, Brennan F, Brown MA. *Palliative Care: a new beginning in dialysis symptom management.* Paper presented at the 35th RSA National Conference, Perth, August 2007.

Martinez-Smith Y. "Vascular Access Nursing". Oral Presentation at NSW branch Renal Society of Australasia education evening, College of Nursing Sydney. 2007

Martinez-Smith Y, **Tranter S.** *Conquering catheter bacteremia with a gentamicin and heparin lock.* Paper presented at the 35th RSA National Conference, Perth, 2007.

Ong SLH, Sutton M, Vohra H, Zhang Y, Whitworth JA. Alpha-lipoic acid partially prevents adrenocorticotrophin-induced hypertension in the rat. Poster presentation at the High Blood Pressure Research Council Australia Annual Scientific Meeting, Adelaide, December 2007.

Ong SLH, Sutton M, Vohra H, Zhang Y, Whitworth JA. Assessment of mitochondrial superoxide production in kidney cells of glucocorticoid-induced hypertension in the rat. Poster presentation at the High Blood Pressure Research Council of Australia Annual Scientific Meeting, Adelaide, December 2007.

Ong SLH, Vickers JJ, Zhang Y, McKenzie KUS, Whitworth JA. Role of xanthine oxidase in dexamethasone-induced hypertension in the rat. Poster presentation at the High Blood Pressure Research Council of Australia Annual Scientific Meeting, Brisbane, December 2006.

Tan YK, Zhang Y, Vickers JJ, Langton LK, **Ong SLH**, Sutton M, Whitworth JA. The role of arginase in ACTH-induced hypertension in rats. Poster presentation at the High Blood Pressure Research Council of Australia Annual Scientific Meeting, Adelaide, December 2007.

Tranter S. *A predialysis clinic model.* Paper presented at the Predialysis and vascular access nurses workshop, Sydney, May 2007.

Tranter S. *Practice Development: a useful strategy for promoting change in nursing.* Paper presented at the Innovation and Reflection in Nursing Practice Seminars, Launceston, Davenport and Hobart July 2nd-4th 2007.

Tranter S. *Shifting the focus.* Paper presented at the Innovation and Reflection in Nursing Practice Seminars, Launceston, Davenport and Hobart July 2nd-4th 2007.

Vickers JJ, Zhang Y, **Ong SLH**, McKenzie KUS, Whitworth JA. Validation and comparison of IITC with SDR tail cuff systems to measure systolic blood pressure in experimental rats. Poster presentation at the High Blood Pressure Research Council of Australia Annual Scientific Meeting, Adelaide, December 2007.

2006

Chan M. Workshop on “nutrition assessment – Subjective Global Assessment”, The 24th Baxter Healthcare Home Therapies Conference, Sydney. May 2006.

Chan M. “Dietitians and renal services – new challenges and opportunities”, DAA 24th National conference, Sydney. May 2006.

Josland E, Tranter S, Brennan F, Brown MA. *Palliative care: quality of life, not end of life.* Poster presented at the Australian and New Zealand Society of Nephrology Annual Scientific Conference, Melbourne August 2006.

Martinez Y. “Decontamination outcomes”. Poster presentation at Australian and New Zealand Society of Nephrology annual conference, Melbourne. 2006

Martinez Y, Tranter S, Kelly JJ, Chan WYL. Outcomes of a decontamination protocol for treatment of infected cuffed haemodialysis catheters. Australian and New Zealand Society of Nephrology Annual Scientific Meeting, Melbourne 2006.

Ong SLH, Vickers JJ, Zhang Y, McKenzie KUS, Whitworth JA. Role of xanthine oxidase in dexamethasone-induced hypertension in the rat. Poster presentation the High Blood Pressure Research Council of Australia Annual Scientific Meeting, Brisbane, December 2006.

Shanmugasundaram P, Lonergan M. ‘A case of Xanthogranulomatous pyelonephritis managed conservatively’. A poster presentation at the Australian and New Zealand Society of Nephrology Annual Scientific Meeting, Melbourne.

Shanmugasundaram P. Lonergan M. 'An unusual cause of hypokalemia'. A poster presentation at the ANZSN Annual Scientific Meeting, Melbourne.

Tranter S. *A nurse led iron management protocol in a hospital haemodialysis unit.* Paper presented at the Renal Society of Australasia Workshop, Sydney, 2006.

Tranter S. *The changing face of haemodialysis nursing.* Paper presented at the Renal Society of Australasia Workshop, Sydney, 2006.

2005

Brown MA. *Chairman, Symposium on Renovascular disease and Ischaemic Nephropathy.* International Society of Nephrology. 3rd World Congress. Singapore. *Treatment of Hypertension in Pregnancy.* International Society of Nephrology. 3rd World Congress. Singapore.

Chan M. Workshop – "Critical Appraisal of studies- Can someone please explain the *p* value?", DAA 23rd national conference, Perth. May 2005.

Chan M. Nutrition and Cardiovascular Disease in Chronic Renal Failure – St. Vincent's Hospital, Melbourne. February 2005.

Ong SLH, Lonergan MA. Parvovirus encephalitis in the renal transplant patient: a case report. Poster presentation at the Australian and New Zealand Society of Nephrology, 41st Annual Scientific Meeting, Wellington, September 2005.

Mangos G.J. Pre-eclampsia'. Australian and New Zealand Society of Nephrology Post Graduate Education Weekend. Wellington, September 2005.

Tranter S. *Exploring the RN's role in dialysis.* Invited speaker and workshop facilitator, 33rd Renal Society of Australasian Conference. Hobart, May 2005.

Tranter S. *Shifting the focus to patient centred care.* Paper presented at the 5th International Clinical Practice Development Conference, Hamilton NZ, September 2005.

2004

Chan M. Renal Nutrition Workshop, DAA 22nd National conference, Melbourne. May 2004.

Chan M. Australian Resource Centre of Health Care Innovations (ARCHI), seminar on innovation in complex and chronic disease management (Perth): Nutrition Management in Renal Medicine – Show Case. February 2004.

Kelly JJ. "Controversies in Nephrology: Screening and intervention in renovascular disease" ANZSN, ASM, Adelaide.

Mangos G.J. ‘Hypertension Recent Trials Update’. ANZSN Post graduate education weekend. Adelaide, September, 2004.

2003

Multicentre pregnancy research: Negotiating the obstacle course of ethics approval. **Roberts LM**, Bowyer L, Homer CS, and **Brown MA**. Australasian Society for the Study of Hypertension in Pregnancy (ASSHP). Annual scientific meeting. 2003 Fremantle, Western Australia.

2002

Chan M. Renal Nutrition Update, Rockhampton, DAA Far Northern QLD branch. August 2002.

Mangos G.J. ‘Chronic Hypertension in Pregnancy’ AMGEN postgraduate education meeting for renal registrars, Gold Coast, April 2002.

Martinez Y. *Oral presentation - “Decontamination protocol in vascaths”*. 2002 Renal Society of Australasia annual conference, Melbourne.

Tranter S. *A resource manual for complementary therapies and nursing*. Invited conference paper. Melbourne, October 2002.

2001

Chan M. Renal Nutrition Update, Darwin, DAA Northern Territory branch Renal Nutrition Update, Brisbane, DAA Queensland branch. September 2001.

Kelly JJ. “Mechanisms and management of hypertension in renal artery stenosis” Postgraduate Course in Nephrology. ANZSN. Darwin. 2001.

2000

Kelly JJ. “Management of renovascular disease” Astra-Zeneca Cardiovascular Specialist Symposium Adelaide, South Australia

Lawson JA, **Kelly JJ.** Prevalence and prognostic significance of malnutrition in chronic renal failure. 36th Annual Scientific Meeting of the Australian and New Zealand Society of Nephrology. 2000; Melbourne.

Local

2010

Brown MA. *Difficult to manage hypertension: Pre-eclampsia; management of resistant hypertension.* Kidney School. Sydney. 19th May 2010.

Brown MA. *Measurement of blood pressure in Pregnancy.* Hypertension Unit. Royal North Shore Hospital. Sydney. 20th May 2010.

Brown MA. *Renal Palliative Care.* Dept. Renal Medicine. Royal Prince Alfred Hospital. Sydney. 5th August 2010.

Brown MA. *Management of Hypertension in pregnancy.* Sutherland Shire General Practice association. Sydney. Oct 28th 2010.

Brown MA. *Obstetric Medicine.* Algeaseal FRACP Course. RPAH. Sydney. 7th December 2010.

Shanmugasundaram P. 'Kidney Disease – Best Care' module at the Sydney General Practitioners Conference and Exhibition (GPCE) Weekend 21 – 23 May 2010 on behalf of Kidney Health Australia.

2009

Brown MA. *Management of end stage renal failure – the importance of palliative care.* Sydney Institute of Palliative Medicine. 18th Annual Symposium Sydney. NSW. 3rd April 2009.

Brown MA. *Postgraduate research and career planning.* 'Kidney School'. NSW Nephrology training program 2009. Sydney. NSW. 8th April 2009.

Brown MA. *Management of diabetic nephropathy.* Endocrinology Seminars. Dept. Endocrinology. Royal Prince Alfred Hospital. Sydney. 29th April 2009. *Renal Palliative Care.*

Brown MA. Department of Renal Medicine. Royal North Shore Hospital. 18th Nov. 2009

Brown MA. *Obstetric Medicine.* Algeaseal FRACP Course. Royal Prince Alfred Hospital. Sydney. 05/12/09.

Mangos G.J. Abbott Vascular Renal Workshop, Wollongong, March 2009 Renal Angiography, Nephrologist Perspective.

Martinez-Smith Y. Surgical Vascular Access meeting. *Oral presentations – “Vascular access outcomes”.* St George Hospital. 2009.

Ong SLH, Sutton M, Zhang Y, Whitworth JA. Haemodynamics of dexamethasone-induced hypertension in the rat. Oral presentation at the Australian Society of Medical Research, Australian Capital Territory Young Investigator Forum, Canberra, 2009.

2008

Brown MA. *Obstetric Medicine*. Algesal FRACP Course. RPAH. Sydney.

Brown MA. Controversies in Pre-eclampsia: MgSO₄, for whom? SOMANZ / ADIPS scientific meeting. Adelaide.

Brown MA. *The GPs guide to resistant hypertension*. Cardiology in totalis for GPs. St George Division of general Practice Brighton. Sydney.

Brown MA. *Hypertension for Endocrinologists*. Endocrine Trainees of Sydney. Sydney.

Brown MA. *Hypertension in Pregnancy*. Sutherland Division of General Practice Gympie. NSW.

Brown MA. *Contrast nephropathy* Intensive Care seminar. St George Hospital. Sydney.

Brown MA. *General principles including pre pregnancy, antenatal, post partum care*. *General principles including pre pregnancy, antenatal, post partum care*. Renal disease in Pregnancy. RCOG study group. London.

Chan M. Back to basics – Renal Nutrition, DAA Rural Update, Wagga Wagga. April 2008.

Kelly JJ. Marketing Nephrology to Basic Physician Trainees. “The Masterclass in Nephrology” NSW Renal Group.

Kelly JJ. KCAT Presentation. Investigation of microscopic haematuria and Urinary Tract Infections. Shire Division of General Practice.

Kelly JJ. Chronic Kidney Disease in the Australian Community Masterclass in Nephrology for Basic Physician Trainees Sydney. NSW. 2008.

Kho L, **Ong S**, **Brown MA**, **Mangos GJ**. The Effect of a Circumference and Blood Pressure Cuff Size on Blood Pressure Measurement in Pregnancy. ANZSN Newcastle 2008. Poster

Mangos GJ, Clark W. Poster Renal Angiography Performed By A Nephrologist – A Procedure For Future Nephrology Trainees? 2008.

Mangos GJ. Audit of a Private Practice According To Cari Biochemical Targets Using Electronic Clinical Practice Software.

Martinez-Smith Y. *Oral presentation – “The buttonhole technique: Some hurdles to conquer”.* Renal Society of Australasia annual conference, Sydney. 2008.

Ong SLH, Sutton M, Vohra H, Zhang Y, Whitworth JA. The antioxidant alpha lipoic acid prevents but does not reverse dexamethasone-induced hypertension in the rat. Oral presentation at the Canberra Region Annual Scientific Meeting, June 2008.

Ong SLH, Sutton M, Vohra H, Zhang Y, Whitworth JA. The antioxidant alpha lipoic acid prevents but does not reverse dexamethasone-induced hypertension in the rat. Poster presentation at the Australian Society of Medical Research, Australian Capital Territory Young Investigator Forum, Canberra, June 2008.

Shanmugasundaram P, Lonergan M. Nephrogenic Systemic Fibrosis (NSF)- from the wheel chair to crutches. A poster presentation at the ANZSN annual scientific meet, Newcastle (Australia).

2007

Martinez-Smith Y. *“Vascular Access Monitoring”.* Oral presentation at St George Advanced Nurse Nephrology workshop 2007.

Martinez-Smith Y. *“Conquering Catheter Related Bacteremia with a Gentamicin and Heparin Lock”.* Poster presentation at St. George Medical Symposium. 2007.

Ong SLH, Vohra H, Zhang Y, Whitworth JA. Fluorogenic assessment of the role of mitochondrial superoxide in dexamethasone-induced hypertension in the rat. Poster presentation at the Australian Society of Medical Research, Australian Capital Territory Young Investigator Forum, Canberra, June 2007.

2006

Brown MA. *Obstetric Medicine* Algeseal FRACP Course. RPAH. Sydney.

Brown MA. *What's Hot in Hypertension: State of the Art diagnosis and management* 2006 NSW Cardiac Retreat Blue Mountains. NSW.

Brown MA. *IMET: Promoting new directions in postgraduate medical education in NSW* SSWAHS Psychiatrists meeting. Rozelle hospital. NSW.

Brown MA. *Preventing the progression of chronic kidney disease: the role of Hypertension* St.George General Practice KCAT workshop. St.George hospital. NSW.

Brown MA. *Managing Kidney Disease.* Sydney General Practice Conference. Sydney.NSW.

Brown MA. *Ultrasound in renal disease.* ‘Abdominal Ultrasound with vascular edge’ workshop. University of Sydney. Cumberland Campus.

Kelly JJ. Cardiovascular Risk in the Immunosuppressed Patient St George Hospital. Department of Immunology and Infectious Diseases Seminar.

Kelly JJ. Update on Renovascular Disease Kidney Advanced Trainees School, Sydney.

Kelly JJ. Management of hypertension in and CKD GCPE Workshop. Homebush. Sydney. NSW

Brown MA. *Chairman.* Debate: Early onset and late onset pre-eclampsia are the same disease. 15th World Congress; International Society for the study of Hypertension in Pregnancy. Lisbon. Portugal.

Ong SLH, Vickers JJ, Zhang Y, McKenzie KUS, Whitworth JA. Role of xanthine oxidase in dexamethasone-induced hypertension in the rat. Poster presentation at the Australian Society of Medical Research, Australian Capital Territory Young Investigator Forum, Canberra, June 2006.

Mangos GJ. “Circulating Endothelial Cells in Pregnancy”. Poster presentation to Society of Obstetric Medicine of Australia and New Zealand. Annual Scientific Meeting, 10-12 November, Sydney 2006.

Mangos GJ. “New Methods for Detecting Albuminuria in Pregnancy.” Oral presentation to Society of Obstetric Medicine of Australia and New Zealand. Annual Scientific Meeting, 10-12 November, Sydney 2006.

Williamson PM, **Kelly JJ,** Whitworth JA, **Mangos GJ.** The role of antioxidants vitamin C, E & Allopurinol in cortisol-induced hypertension in healthy human subjects. Best Poster Presentation at the St George Hospital Medical Symposium Young Investigator Forum, Sydney 2006.

Williamson P, **Mangos GJ.** “Prevention of Cortisol-induced hypertension with antioxidants.” Poster presentation at the St George Hospital Annual Symposium (Best Clinical Poster Award) 2006.

2005

Brown MA. *IMET – another acronym, or a new way forward?* RACMA NSW State Committee Scientific Program. POW Hospital.

Brown MA. *Obstetric Medicine.* Algeaseal FRACP Course. RPAH. Sydney.

Brown MA. *Pre-eclampsia: an update.* Dept. Renal Medicine. Royal North Shore Hospital. Sydney.

Brown MA. *The Physician Within.* NSW Physician and Paediatricians Forum 2005. Sydney.

Brown MA. *A new era in Postgraduate Medical Education?* St George Hospital Medical Grand Rounds. Sydney.

Chan, M. DAA state conference on renal nutrition – “Chronic Kidney Disease Epidemic – Are you ready”, Sydney. September 2005.

Kelly JJ. “Chronic Kidney Disease workshop for General Practitioners – Aventis Vascular Intervention Programme”. St George Division of General.

Kelly JJ. “Renal Function and Getting Older” UNSW Clinical Symposium for GPs.

Kelly JJ. “The kidney in systemic disease.” Coppelson Lecture series for Basic Physician Trainees, Sydney University.

Mangos GJ. ‘How to Perform a Renal Biopsy’ Nephrology Advanced Trainee Lecture Series, Marriot Hotel, 16 March 2005.

2004

Brown MA. *Pregnancy: cardiovascular and renal complications, including hypertension.* Coppelson Course for Basic Physician Trainees. Sydney University.

Brown MA. *Hypertension: pathophysiology, pathogenesis, investigation and management.* Coppelson Course for Basic Physician Trainees. Sydney University.

Brown MA. *Postgraduate Medical training in NSW: some roads less travelled.* 4th GMTT Metropolitan Hospitals Forum. Westmead.

Brown MA. *Treating Hypertension.* Australian Regulatory and Clinical Scientists, Northern Sydney Education Centre. Sydney Hospital. Sydney.

Brown MA. Renal disease in Pregnancy. Obstetrics Grand Rounds, Liverpool Hospital. Sydney.

Chan, M. Evidenced – based practice guidelines workshop – Renal Nutrition, DAA NSW branch, Sydney. November 2004.

Kelly JJ. “Electrolytes and Renal Function”. Sutherland Division of General Practice. Education evening.

Kelly JJ. “Prevention of complications on dialysis: cardiovascular disease” Renal Patient Conference: “Renal Replacement Therapies: Getting Better all the time.” Sydney.

Kelly JJ. “Chronic Kidney Disease workshop for General Practitioners – Aventis Vascular Intervention Programme”. Sutherland Division of General.

Kelly JJ. Management of Hypertension in 2004” –Case Studies Sydney Training Programme for Advanced Trainees in Nephrology.

Kelly JJ. ‘Renal Transplantation 2004” St George Hospital Patient Education Evening.

Martinez Y. “*Case study on Sclerosing Peritonitis*”. Oral presentation at NSW branch Renal Society of Australasia workshop, Newcastle 2004.

Martinez Y. “*Case study on Sclerosing Peritonitis*”. Oral presentation at St George Advanced Nurse Nephrology workshop 2004.

Martinez Y. *Oral presentation - “Decontamination protocol in vascaths”*. Evidence based practice Nephrology nurse specialist workshop, St George Hospital; the East Coast Nephrologist Symposium, Prince of Wales.

2003

Brown MA. Obstetric medicine: What is it? Medical Grand Rounds Guest Lecture. St George Hospital. Sydney.

Brown MA. Case discussion: SLE and pregnancy. Sydney Nephrology Trainees Group. Sydney.

Brown MA. The ALLHAT and ANBP2 trials: solving the dilemma. Dept. Intensive Care. St George Hospital.

Brown MA. The Area Health Service delivery of medical training project. Inaugural MTEC -METSIG (Medical Education & Training Special Interest Group) meeting. Sydney.

Kelly JJ. “Medical Management of Predialysis Chronic Renal Failure” Sydney Training Programme for Advanced Trainees in Nephrology

Kelly JJ. “The kidney in systemic disease.” Coppelson Lecture series for Basic Physician Trainees, Sydney University.

Kelly JJ. “Treatment of hypertension for the prevention of stroke – new hope or falsepromise” Neurology Grand Rounds, St George Hospital.

Mangos G.J. “Cardiovascular and Metabolic Outcomes following Pre-eclampsia.” Poster presentation to the ANZSN Annual Scientific meeting, Perth, September, 2003.

Roberts LM, Brown MA, Bowyer L, Homer CS. Risk factors for recurrent hypertension in pregnancy. St George Hospital Symposium 2003

2002

Brown MA. *Life wasn't meant to be easy. Managing change for the benefit of the JMO*. Directors of Clinical Training Conference. Postgraduate Medical Council of NSW. Sydney.

Brown MA. *Hypertension: pathogenesis, investigation and pathophysiology*. University of Sydney Postgraduate Committee in Medicine. Course for Basic Physician Trainees.

Brown MA. Is resistant hypertension really resistant? Physicians Workshop. Concord Hospital Medical Grand Rounds.

Brown MA. *Pregnancy hypertension: physiology and medical complications*. University of Sydney Postgraduate Committee in Medicine. Course for Basic Physician Trainees.

Brown MA. Pregnancy and renal disease. ANZSN Postgraduate Educational Meeting Gold Coast. Qld.

Brown MA. *Pregnancy hypertension: physiology and medical complication*. University of Sydney Postgraduate Committee in Medicine. Course for Basic Physician Trainees.

Brown MA. *Pre-eclampsia and the Kidney*. Dept. Renal Medicine Seminar. Royal North Shore Hospital.

Martinez Y. "Venous pressure study". Oral presentation at NSW branch Renal Society of Australasia workshop, Prince of Wales 2002.

Martinez Y. "Quality improvements in the Dialysis unit". Poster presentation at St. George Medical Symposium 2002.

Tranter S.A. A resource manual for complementary therapies and nursing. Invited conference paper. Sydney 2002.

2001

Kelly JJ. "Malnutrition and vascular disease in chronic renal failure" East Coast Renal Service: Colloquium in Renal Medicine.

Kohlhagen J, **Kelly JJ**. Atherosclerotic risk factors and vascular disease in chronic renal impairment. 37th Annual Scientific Meeting of the Australian and New Zealand Society of Nephrology. 2001; Darwin.

Lane CA, Brown MA, Kelly JJ. Rapid assessment of urinary protein excretion in renal disease. 37th Annual Scientific Meeting of the Australian and New Zealand Society of Nephrology. 2001; Darwin.

Mangos GJ. “Predicting pre-eclampsia in women with gestational hypertension.” ASSHP annual scientific meeting. Canberra 2001.

Mangos GJ. “The Day Assessment Unit at St George Hospital: our experience with 1000 pregnancies.” Oral presentation at ASSHP Annual Scientific Meeting, Canberra 2001.

Mangos GJ. “The effect of cortisol and vasodilator prostaglandins on the forearm arterial bed.” Poster presentation at HBPRCA Annual Scientific Meeting, Melbourne 2001.

Tranter S. *How accurate is that BP nurse?* A paper presented at the Australian Nurses' Cardiovascular and Hypertension Association Conference, Melbourne 2001.

Williamson PM, Lawson JA, **Mangos GJ,** Whitworth JA, **Kelly JJ.** The effect of cortisol and vasodilator prostaglandins on the forearm arterial bed. Best Poster Presentation at the St George Hospital Medical Symposium Young Investigator Forum, Sydney 2001.

2000

Brown MA. *Renal problems in general practice.* Sutherland Division of General Practice. Gympie.

Brown MA. *Pregnancy hypertension: physiology and medical complications.* University of Sydney Postgraduate Committee in Medicine. Course for Basic Physician Trainees.

Brown MA. *Hypertension: pathogenesis, investigation and pathophysiology.* University of Sydney Postgraduate Committee in Medicine. Course for Basic Physician Trainees.

Chan, M. Conference Report to Renal Dietitians' annual Update on “International Congress of Nutrition & Metabolism in Renal Diseases”, DAA NSW branch. November 2000.

Kelly JJ. “Advanced training in nephrology in Australia” RACP Supervisors Workshop. Melbourne, Victoria

Kelly JJ. “Living Renal Donation” Ethics Forum: St George Hospital. Sydney, NSW

Kelly JJ. “Renal Transplantation” Surgical Grand Rounds. St George Hospital. Sydney NSW.

Mangos GJ. “Circadian blood pressure variability in adrenocorticotrophin (ACTH)- induced hypertension in the rat. Poster presentation at the High Blood Pressure Research Council 22nd Annual Scientific Meeting, Sydney 2000.

Mangos G.J. “Telemetric monitoring of ACTH-induced hypertension in the mouse.” Poster presentation at the High Blood Pressure Research Council 22nd Annual Scientific Meeting, Sydney 2000.

Future Community Projects

Dr Ivor Katz

Development of a Chronic Disease Outreach Program which includes a Kidney and Cardiovascular early detection and management system for St George Hospital and its Area Health Service.

Note: The Chronic Disease Outreach Program will have significant community involvement as it relies on both public and general practitioner involvement.

Social Events



Medical Staff Council Dinner (September 2010)



Acknowledgments

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