St George Hospital | 2009

Research Report

The St George Medical Staff Council and St George Academic Schools, UNSW
INTRODUCTION

As my colleagues were preparing this report I had the opportunity to reflect on the role of research in a modern teaching hospital. I realised that, looking back over my time in medicine, the best doctors I have ever known have been those actively involved in medical research. They were and are the ones who knew the most about medicine, the uncommon and rare diseases, the unusual presentations that can trick the unwary doctor as well as knowing the most modern treatments. They are the doctors least likely to prescribe unproven or incorrect treatments and the ones who question diagnoses based on inadequate evidence. I believe it is training in the scientific method of questioning and looking for evidence that has made my medical “heroes” into the doctors that they are.

To continue to strengthen the quality of medicine at St George Hospital, and thus produce more great doctors, it is essential that we support medical research at St George in all its forms – from pure bench research to applied clinical research and everything in between. The Medical Staff Council is very proud to support research at St George and grateful to the St George and Sutherland Medical Research Foundation for their support of our researchers.

A/Professor Allan Sturgess
Chair, Medical Staff Council
St George Hospital

Research in our teaching hospitals has long been a fundamental underpinning for the excellence in clinical care to which we all subscribe, and most would agree that this will not change in the future. St George has played an historically important role in pursuit of advances in basic and clinical sciences, while we have been less ready than many others to trumpet those achievements. This important report demonstrates the extraordinary breadth and impressive depth of research activities undertaken at St George. This is a document to be proud of, to work over coming years to improve on, and to use widely and loudly to push our case for just recognition of our contributions. It incorporates the efforts of hospital and UNSW staff across a range of disciplines and Schools. Read it, and be impressed. We owe a debt of gratitude to the few who have done most to bring this report to fruition.

Professor Michael Grimm
Clinical Associate Dean
St George Clinical School, UNSW
Research activity is a key focus in St George Hospital, which Women’s and Children’s Health has been pursuing increasingly in the last decade. I commend the Medical Staff Council and the Clinical School for their efforts in producing this Research Report. I am sure this will stimulate our young doctors, midwives and scientists to increase their research endeavours, and to have greater awareness of their colleagues’ interests and collaborative opportunities.

**Professor Michael Chapman**  
Head, Clinical School  
Women’s and Children’s Health  
UNSW
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### CLINICAL GROUPS – ST GEORGE HOSPITAL

#### 1. MEDICINE & CRITICAL CARE

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1. Departmental Staff

**Senior medical staff**

**Senior Staff Specialists**
- Dr Andrew Hopkins MBBS (Hons) DDU FRACP
- Dr David Ramsay MBBS FRACP
- Dr David Rees MBBS (Hons) PhD FRACP Conjoint Snr Lect UNSW
- Dr Mark Sader MBBS (Hons) PhD FRACP Conjoint Snr Lect UNSW

**Staff Specialists**
- Dr Mauritz Binnekamp BSc (Med) MBBS FRACP
- Dr Eugene Loh BSc MBBS FRACP Conjoint Lect UNSW
- Dr Ananth Prasan B Med Sci (Hons) MBBS MRCP PhD FRACP Conjoint Snr Lect UNSW
- Dr George Youssef BSc (Med) MBBS (Hons) FRACP Conjoint Lect UNSW

**Advanced Trainees**

Rotational appointments between POW, SGH, TSH & Port Macquarie

**Research Staff**

Nursing research staff - Kate Dobinson, Helen Goldsmith

2. Presentations at Scientific Meetings/Conferences

Evaluation of Myocardial Salvage and Intramyocardial Haemorrhage on T2 Weighted Cardiac Magnetic Resonance Imaging after Reperfused STEMI.
Heart, Lung and Circulation 2009; 18 (Suppl 3): S41
DEPARTMENT OF DERMATOLOGY

1. Departmental Staff

Head of Department
Dedee F Murrell  MA(Cambridge) BM BCh (Oxford) FAAD (USA) MD (UNSW) FACD
Conjoint Professor, Faculty of Medicine UNSW

Senior medical staff
Visiting Medical Officers
Anthony J Cronin MBBS (Syd) PhD (Cambridge) FACD
Mei-Heng Tan MBBS (Syd) FAAD (USA)
Lizbeth Ruth A. Intong MD FPDS (Honorary VMO)

Dept Administrative Assistant: Glendi McNab

Research Staff
Senior research staff
Lizbeth Ruth A Intong MD FPDS Post dermatology research fellow

Junior research staff
Supriya Venugopal MBBS Predermatology research fellow

Research students
Wenfei Yan MD China PhD student
Supriya Venugopal MBBS Part-time PhD student
Heather Cohn Postdoc student
Ann-Marie Hanna, Minhee Kim, Niccolo Muller ILP students

Research Nurse
Lesley M Rhodes RN

2. Research Grants

National, peer reviewed:
NRISS Grant: 2008-2010 $99,000
Allogeneic cultured fibroblast trial in recessive dystrophic EB.
Marian Sturm, Dedee Murrell Cell and Tissue Therapies, Royal Perth Hospital
Other Funding
DebRA Australia $10,000 towards National EB Registry (2009)


University Post-graduate Awards for PhD students Wenfei Yan and Supriya Venugopal

3. Research Projects in Progress

RCT of allogeneic fibroblast cell therapy for recessive dystrophic EB (Murrell PI); Supriya Venugopal; Hellen Yan; Lesley Rhodes; John Frew; Heather Cohn)

Epidemiology and outcomes of squamous cell carcinoma in EB (Dedee Murrell, Minhee Kim, Supriya Venugopal)

Genetic modifiers of risk for squamous cell carcinoma in EB (Murrell DF, Cohn H)

Development of a quality of life instrument for autoimmune blistering diseases, the ABQOL (Dedee Murrell, Ann-Marie Hanna, Deshan Sebaratnam, Shienning Chee, Supriya Venugopal)

International validation of the QOLEB, the quality of life measure we developed and published for Australian patients with EB (Dedee Murrell, John Frew)

RCT of Recell vs punch grafting for chronic stable vitiligo (Murrell, Venugopal, Linda Martin, John Le Guay, Richard Wittal, Lesley Rhodes)

Australasian EB Registry (Murrell, Rhodes)

Outcomes of pregnancies in EB (Murrell, Intong LRA, Choi DS, Rhodes LM, Chapman M)

Trial of gentian violet for Junctional EB (Murrell, Venugopal)

Response of multiple recalcitrant verrucae to gardasil vaccine (Murrell, Venugopal)

Role of flightless -1 in EB and EBA (Kopecki, Murrell, Cowin)
4. Original Peer-Reviewed Publications (authors in Bold are at St George Hospital)

Frew JW, Martin LK, Nijsten T, Murrell DF
Development of a quality of life index for epidermolysis bullosa (EB) through the development of the QOLEB questionnaire, an EB-specific quality of life instrument. 

Shipman AR, Ali L, Murrell DF, Wojnarowska F.

Martin LK, Agero ALC, Werth V, Villanueva E, Segall J, Murrell DF
Interventions for Pemphigus Vulgaris and Pemphigus Foliaceus. 

Comparison of reliability and validity between two outcome instruments for pemphigus. 
Featured on front cover of journal as ‘outcome instruments for pemphigus’ with two other papers; accompanying commentary on ‘How to validate instruments for pemphigus’ by S. Bastuji-Garin and E Sbidian, *JID p2328-9.*

Vestergaard ME, Kossard S, Murrell DF
Seborrheic keratoses appearing in sites of previous psoriasis plaques during responsive treatment with efalizumab. 

Boyle RJ, Bath-Hextall FJ, Leonardi-Bee J, Murrell DF, Tang ML.
Probiotics for treating eczema. 

Nading MA, Lahmar JJ, Frew JW. Ghionis N, Hanly M, Kemble-Welch A, Murrell DF
A ski and adventure camp for young patients with severe forms of epidermolysis bullosa. 
*J Am Acad Dermatol* 2009; 61(3) 508-511

Photodynamic therapy with methyl aminolevulinate for primary nodular basal cell carcinoma: results of two randomized studies. 
*Int J Dermatol* 2009; 48: 1236-1245

Foley P, Freeman M, Gebauer K, Murrell DF, Shumack S, Tyson C, Varigos G.
Venugopal SS, Murrell DF
Seasonal onychomadesis in an elderly gentleman.
*Dermatology Reports* 2009; Issue 1, Vol 1: e3.

5. Other published material

Sebaratnam DS, Murrell DF
Management of Pemphigus. Expert Review of Dermatology,
Future Science Group, London, 2009


Sebaratnam D, Murrell DF Treatment of Pemphigus vulgaris and pemphigus foliaceus. Expert
Review of Dermatology, 2009; 4(5) 469-481.

Burgraaff K, Murrell DF: Jogger’s nipples. Medical Observer Jan 2009


Mather-Hillon J, Ho SJ, Murrell DF: Purpura in a patient receiving heparin: HITTS.

Cannon S, Cohn HI, Ultro J, Murrell DF:
Unassuming papules: pseudoxanthoma elasticum.

Sensen K, Murrell DF: The stretchy skin syndrome. (Ehler’s Danlos) Medical Observer August 8th 2009, p. 36.


6. Presentations at Scientific Meetings/Conferences

International

Prof Dedee F Murrell:

INVITED LECTURES

*International Society for Dermatology, Prague, Czech Republic, May 2009*
Paediatric Dermatology Symposium: Bullous Genodermatoses
International Society for Dermatology, Prague, Czech Republic, May 2009
Paediatric Dermatology Symposium: Bullous Genodermatoses

*Society for Pediatric Dermatology, Annual Meeting, Philadelphia, PA, USA, July 9-12, 2009*

**Sidney Hurwitz Lecturer:** What’s New in EB: diagnosis and pathogenesis
What’s New in EB: management.

*Dept of Dermatology, Zagreb, Croatia, Sept 14th, 2009*
Visiting Professor
Novel findings in bullous diseases in Australasia

*Dept of Dermatology de Prof Carle Paul, Purpan Hospital, University of Toulouse, Toulouse, France, 5th October, 2009*
Quoi de neuf dans les épidermolyès bulleuses?

*European Academy of Dermatology, Berlin, Germany, Oct 2009*
The mother with Epidermolysis Bullosa – what are the problems?
In: Symposium on Skin Diseases in Pregnancy
CONFERENCE CONTRIBUTIONS

American Academy of Dermatology, San Francisco, March 5-10
Chair, Symposium on Autoimmune Blistering Diseases
Speaker, Forum on Genodermatoses
Poster Discussion Sessions (incl. How to run a ski camp for EB; Australasian EB Registry)

International Society of Dermatology, Prague, Czech Republic
Chair, Maria Duran Symposium
Chair, Eurasian Dermatology Platform
Speaker: Development of Quality of Life Score for Epidermolysis Bullosa
Speaker: Paediatric Dermatology Symposium, Bullous Genodermatoses

Society for Pediatric Dermatology, Philadelphia, PA July 9-12th
Sidney Hurwitz Lecturer for 2009 (2 lectures):
What’s new in diagnosis and pathogenesis of EB
Update on the management of EB

Epidermolysis Bullosa 2009 (invitation only), Vienna Sept 6-8th
Moderator: Cell therapy for EB – oral presentation
Posters: Quality of life scale for EB; EB Registry ; Cell tx & EB

European Society for Dermatological Research, Budapest, Sept 9-12th
Speaker: RCT of allogeneic fibroblast cell therapy for RDEB*
Co-Chair, International Consensus for Bullous Pemphigoid
Posters: SCC in EB; EBS & ankyloblepharon; EBS-MD
Coauthor presentation: Fli expression in EB subtypes (plenary)*
*highlighted in summing up as major findings

European Academy of Dermatovenereology, Berlin, Germany, Oct 7-10th
Co-Chair, International Consensus for Bullous Pemphigoid
Co-Chair, Junior Session for the best research presentations
Invited Speaker: Outcomes of pregnancy and delivery in EB
Speaker: Systematic Review of Interventions for Pemphigus
Speaker: How to take biopsies for EB (WDS symposium)
Poster: Quality of Life measure for EB.

Other international presentations by research fellows and students:


National

Prof Dedee F Murrell
3rd Epidermolysis Bullosa National Conference, Queensland, June 12-13, 2009
Keynote speaker – Current research in Epidermolysis Bullosa

*University of NSW Medical Society*
Career obstacles and benefits of dermatology for women
10th Aug 2009

Royal Brisbane Hospital, Dept of Pathology, Oct 2009
Research in Epidermolysis Bullosa from St George Hospital

DebRA South Australia EB Conference, Adelaide, 30th Nov 2009
Cell therapy for recessive dystrophic EB.

**Dept Members**


**Sebaratnam D.** Venugopal S, Murrell DF. The development of an Excel program to compare disease-specific instruments for assessing activity and extent of autoimmune bullous disease (oral presentation). *Australasian College of Dermatology Biennial Spring Conference 2009*. Pokolbin, New South Wales, Australia. October 9, 2009


7. Community Engagement

Australasian Blistering Diseases Foundation – Patient support group meetings organized on St George Campus and fundraising to support research into lifethreatening blistering diseases.

DebRA Australia – annual meeting on Sunshine Coast for patients – Prof Murrell gave talks and Lesley Rhodes, Minhee Kim and Lesley Rhodes volunteered to assist EB patients attending.

Butterfly Day – fundraising for DebRA – organized by Lesley Rhodes in front lobby of St George Hospital.
DEPARTMENT OF EMERGENCY MEDICINE

1. Departmental Staff

Head of Department
Dr Trevor Chan (Acting Director) : MBChB(Otago), DipPaeds(SCH), FACEM.
Conjoint lecturer UNSW

Research Staff
Dr Stephen Asha (ED) MBBS, BSc, FACEM, Director of Emergency Medicine Research, Conjoint lecturer UNSW

Senior Consultant Staff
Adam Chan MBBCh FACEM
Peter Grant MBBCh FACEM
Donovan Dwyer MBBCh DCH DipPEC FACEM, Conjoint lecturer UNSW
Natasha Ching MBBCh FACEM
Megan Cox MBBCh FACEM
Alex Tzannes MBBCh FACEM
Geoff Mifsud MBBCh FACEM
Sarah Coombes MBBCh FACEM
Steve Korbel MBBCh FACEM
Carissa Oh MBBCh FACEM
Simone Moore MBBCh FACEM
Sandra Brownlea MBBCh FACEM
Jacqui Weeden MBBCh FACEM

Senior Nursing Staff
Antoinette Borg (Senior nurse manager) RN
Leanne Horvat (Clinical nurse consultant) RN
Belinda Kennedy (Nurse educator) RN
Kate Jarrett (Clinical nurse educator) RN
Allan Ajami (Clinical NUM) RN, BN, Grad cert (ED)

Nurse Practitioners
Jacqui Fong RN
Tessa Rogers RN
Patsy Jiang RN

Junior Medical Staff
Angela Foo (Emergency Medicine Fellow) MB BS
Dr Janette Keady (Emergency Medicine Advanced Trainee) MB BS
Dr Nikki Grant (Emergency Medicine Advanced Trainee) MB BS
Natalie Woo   (Emergency Medicine Advanced Trainee) MB BS
Samantha Wong  (Emergency Medicine Advanced Trainee) MB BS
Kenny Wan   (Emergency Medicine Advanced Trainee) MB BS
Timothy Tay   (Emergency Medicine Trainee) MB BS
Katrina Tsacalos (Emergency Medicine Trainee) MB BS
Mary Stevens   (Emergency Medicine Advanced Trainee) MB BS
William Siu   (Emergency Medicine Trainee) MB BS
Carla Morgan   (Emergency Medicine Advanced Trainee) MB BS
Deborah Levy   (Emergency Medicine Advanced Trainee) MB BS
Emma Ku   (Emergency Medicine Advanced Trainee) MB BS
Murali Krishnaraj (Emergency Medicine Advanced Trainee) MB BS
Khaing   (Emergency Medicine Trainee) MB BS
Kievan Javan   (Emergency Medicine Trainee) MB BS
Anna Ings   (Emergency Medicine Trainee) MB BS
Rafael Gaszynski   (Emergency Medicine Trainee) MB BS
Sarah Edwards   (Emergency Medicine Trainee) MB BS
Michael Culshaw   (Emergency Medicine Advanced Trainee) MB BS
Kathryn Titmuss   (Emergency Medicine Advanced Trainee) MB BS
Mohammad Hassan   (Emergency Medicine Trainee) MB BS

2. Research Grants

Multicultural health service cultural diversity health enhancement grants project. $8500. First Aid Skills Training (“FAST”) Project for CALD groups. Ajami, Asha, Chalitta.
3. Research Projects in Progress

No effect of time of day at presentation to the Emergency Department on the outcome of patients who are admitted to the Intensive Care Unit.
Asha, Titmuss, Black.

Comparison of radiation exposure of trauma patients from diagnostic radiology procedures before and after the introduction of a ‘panscan’ protocol
Asha, Grant, Smart, Compangnoni, Taylor & Curtis.

Subdural Haemorrhage in older persons: a comparison of outcomes between those on anticoagulants at the time of injury and those not.
Asha, Keady, Curtis & Kohan.

Does the use of patient controlled analgesia in blunt thoracic trauma reduce complications and improve outcome?
Asha, Curtis, Kwok, Langcake.
A 12 Month evaluation of the impact of Transitional Emergency Nurse Practitioners in one metropolitan Emergency Department.
Fry, Fong, Asha, Arendts.

A randomized trial of two types of tissue glue comparing outcomes, complications and pain scores.
Dwyer, Ikeda, Arendts.
1. Departmental Staff

Head of Department
Dr Peter Rohl MB, BS, FRACP

Senior Medical Staff

Staff specialists
A/Prof Anthony O’Sullivan MB, BS, MD, MHPEd, FRACP
A/Professor of Medicine UNSW
A/Prof Terrence Diamond MB, BCh, MRCP, FRACP
Conjoint A/Professor of Medicine UNSW

Junior Medical Staff
Dr Naswrin Moin
Advanced trainee in Endocrinology

Research Staff
Dr Terri Golombick MSc, PhD, Dipl Nutr.

Coordinator Osteoporosis Support Group
Mrs Antoinette O’Sullivan

2. Research Grants

NHMRC Project Grant 2007-10: $624,250.
A randomised controlled trial of progressive resistance training in older diabetics at cardiovascular risk.
Fiatarone-Singh M, Blair S, Singh N, O’Sullivan AJ, Simar D, Baune B.

3. Research Projects in Progress

Vitamin D and myeloma: Circumin and myeloma – in vivo and in vitro studies.
Principal investigators: A/Prof T Diamond and Dr T Golombick
4. Original Peer - Reviewed Publications

Kalmes DF, Comstock BA, Diamond TH et al.
A randomised trial of vertebroplasty for osteoporotic spinal fractures.
*NEJM* 2009; 361:569-579

Diamond TH, Golombick T.
The role of quantitative ultrasound of the calcaneus for detecting osteoporosis in patients with stress fractures of the feet.
*Bone* 2009; 44: 574-75

Golombick T, Diamond TH, Badmanev V et al.
The potential role of curcumin in MGUS – Its effect on paraprotein and urinary N-telopeptides.
*Clin Cancer Res* 2009; 15: 5917-22

Wong LY, Diamond TH.
Severe ophthalmopathy developing after treatment of co-existing malignant struma ovarii and Graves’ disease.
*Thyroid* 2009; 10; 1125-8

Diamond Th, Mason RS.
The pleiotrophic effects of vitamin D – understanding its significance for bone and systemic health.

Diamond Th, Ebeling P.
Treatment options for men with osteoporosis.
*Medicine Today* 2009; 10: 44-56

Fiatarone Singh M, Singh NA, Hansen DA, Diamond TH et al. Methodology and baseline characteristics for the Sarcopenia and Hip Fracture Study.
*J Gerontology* 2009; 64: 568-74

*J Gerontology* 2009; 64: 599-609

*Metabolism* 2009; 58: 239-245.

Brillante DG, O’Sullivan AJ, Johnstone MT, Howes LG.
Predictors of inotropic and chronotropic effects of NG-monomethyl-L-arginine.
O’Sullivan AJ.
Does oestrogen allow women to store fat more efficiently? A biological advantage for fertility and gestation.

Huang DS, O’Sullivan AJ.
Short-term oral oestrogen therapy dissociates the growth hormone/IGF-I axis without altering energy metabolism in premenopausal women.

Brillante DG, O’Sullivan AJ, Howes LG.
Arterial stiffness in insulin resistance: the role of nitric oxide and the angiotensin II receptors.

Hall N, White C, O’Sullivan AJ.
The relationship between adiponectin, progesterone and temperature across the menstrual cycle.

Brillante DG, O’Sullivan AJ, Brillante RE, Howes LG.
Effects of cardiovascular angiotensin II type 1 receptor blockade on nitric oxide synthase inhibition in patients with insulin resistance syndrome.
5. Other published material

Presentations at Scientific Meetings/Conferences

National


Diamond TH, Golombick T. Severity of osteoporosis in multiple myeloma and the prognostic role of lumbar spine QCT. Annual Scientific Meeting of HSANZ (Adelaide)

A/Prof A O’Sullivan. Novo Nordisk Endocrine Weekend 2009, Terrigal, NSW. “Amiodarone-induced thyrotoxicosis”.

A/Prof A O’Sullivan. Sydney Children’s Hospital Grand Rounds, “Assessment of professionalism in medical students and fitness to practise”.

A/Prof A O’Sullivan. The Australian Thyroid Foundation, Sutherland Hospital, NSW. “Update on thyroid disease”.

6. Community Engagement

Osteoporosis Support Group – twice weekly exercise classes, second monthly lecture programme, social programme and newsletter publication.
1. Departmental Staff

Head of Department
Prof Ian Cook MB.BS, MD(Syd), FRACP (Conjoint Professor of Medicine, UNSW)

Senior Medical Staff
Dr Philip Craig MB.BS, PhD, FRACP (Visiting Medical Officer)
Dr John Freiman MB.ChB, PhD, FRACP (Visiting Medical Officer)
Prof Michael Grimm MB.BS, PhD, FRACP (Professor of Medicine, UNSW; Head Clinical School)
Dr Amany Zekry MB.BS, PhD, FRACP (Snr Lecturer in Medicine, UNSW)

Clinical Associates
Dr Marianne Giurgis MB.BS, FRACP

Junior medical staff
Dr Florian Grimpen MD (Goettingen), FRACP (Advanced Trainee in Gastroenterology)
Dr Lennart Choo MB.BS(Hons) (Advanced Trainee in Gastroenterology)
Dr Vipul Aggarwal MB.BS, MD(Gujarat) (Advanced Trainee in Gastroenterology)

Research Staff
Senior research staff:
Dr Phil Dinning BSc, PhD (Senior Research Fellow, UNSW)
Dr Michal Szczesniak BSc, PhD (Post-Doctoral Research Fellow, UNSW)
Dr Rajkumar Cheluvappa MB BS, PhD (Post-doctoral Research Fellow, UNSW)
Dr Alissa Walsh MB BS, FRACP (National Institute of Clinical Studies, NHMRC Fellow)
Dr Clovis Palmer, PhD (Post-doctoral research fellow)

Gastrointestinal Motility Laboratory Supervisor
Mr Sergio Fuentealba BSc

Research assistants
Ms Koko Bu MB.BS, M.Med (USYD), Research Assistant (SGH, UNSW)
Ms Linda Hunt BSc
Mr Lukasz Wiklendt B.Comp.Sc. (Hons)
Ms Annie Luo BSc (Hons)

Research students
Dr Greta Lee MB.BS, FRACP (PhD student)
Ms Danica Martiniz (Honours Student)
Nursing research staff
Ms Lisa Dowdell Clinical Nurse Specialist, Post Graduate Diploma of Nursing
Ms Suzanne Polis RN, BN, MPH (research) (Clinical Nurse Consultant, Honorary Associate Lecturer, Faculty of Nursing, Midwifery and Child Health, UTS) PhD student
Ms Christine Janssen - Social worker
Ms Amber Raco - Clinical Dietitian

2. Research Grants

National, peer reviewed
Cook IJ, Dinning PG, Lubowski DZ.
Defining the colonic abnormality underlying severe constipation and evaluation of a novel therapy for slow transit constipation

NHMRC project grant: (ID: 455466). 2007-2010: $447,000;
Grimm MC, Lloyd AR.
The appendix in intestinal immunity and in inflammatory bowel disease

NHMRC project grant: (ID: 568771). 2009-2011: $495,000;
Tedla N, Grimm MC, Geczy C.
Regulation of monocyte and macrophage functions by leucocyte immunoglobulin-like receptors (LILRs)-A5, B1 and B4: roles in intestinal immune tolerance and inflammation

Other funding
Medtronic US, Grant in Aid (Investigator initiated): 2007-2009 : $900,00
Cook IJ, Dinning PG.
Randomised, cross-over efficacy trial of sacral nerve stimulation in treatment of slow transit constipation.

Medtronic Australia, Grant in Aid (Investigator initiated): 2007 – 2009 $79,500
Cook IJ, Dinning PG.
RCT sacral nerve stimulation in treatment of slow transit constipation.

St George Medical Research Foundation; Establishment Grant: 2009: $40,000
Dinning PG.
Automated analysis of colonic manometry: Creating a diagnostic tool for patients with severe constipation.
3. Research Projects in Progress

The role of afferent pathways in the mediation of oesophageal reflexes and symptoms (oesophago-pharyngeal regurgitation, chest pain, functional heartburn, globus and dysphagia). Szczesniak MM, Fuentealba S, Omari T, Chen CL, Cook IJ.

The role of secondary peristalsis in non-obstructive dysphagia. Szczesniak MM, Chen CL, Fuentealba S, Cook IJ

Safety and outcomes following treatment of oesophageal disorders causing dysphagia. Kumbahri V, Fuentealba S, Elliott T, Wu PI, Metz A, Cook IJ.

The role of wireless capsule endoscopy in Crohn’s disease patients to assess clinical remissions and predict future relapses. Aggarwal V, Connor S, Scott D, Grimm M, Craig PI.


Can a prototype contrast capsule enhance capsule endoscopy image quality? Aggarwal V, Craig PI

Balloon-assisted direct peroral cholangioscopy using an ultraslim gastroscope. Aggarwal V, Craig PI

Biomechanics of the pharyngeal swallow following laryngectomy. Szczesniak MM, MacLean J, Perry A, Cook IJ.

Impact of head and neck radiotherapy on pharyngeal swallowing and biomechanics. Szczesniak MM, MacLean J, Graham P, Cook IJ.


Identification of potential manometric biomarkers in slow transit constipation. Dinning PG, Arkwright J, Scott M, Lubowski DZ, Cook IJ.


Randomised controlled trial of the efficacy of sacral nerve stimulation in severe slow transit constipation. Dinning PD, Hunt L, Fuentealba S, Lubowski DZ, Cook IJ.
Impact of recording technique, catheter design and experimental conditions on human colonic motor patterns.
Dinning PD, Hunt L, Fuentealba S, Lubowski DZ, Arkwright J, Scott M, Cook IJ.

The role of descending inhibition in transport of fluid content in the colon.
Sinnott MD, Cleary PW, Wang CX, Arkwright JW, Dinning PG.

Three dimensional visualisation of colonic manometry data.
Davidson JB, O’Grady G, Pullan AJ, Dinning PG.


The potential impact of laxative use on stool form and frequency in patients with slow transit constipation.
Dinning PG, Jones M, Hunt L, Lubowski DZ, Kalantar J, Cook IJ.

A fibre optic catheter for simultaneous measurement of longitudinal and circumferential muscular activity in the gastrointestinal tract.
Arkwright JW, Blenman NG, Underhill ID, Maunder SA, Spencer NJ, Costa M, Brooks SJ, Szczesniak MM, Dinning PG.

Automated analysis of high resolution colonic manometry.
Wiklendt L, Dinning PG.

Role of the appendix in intestinal immunity.
Grimm MC, Lloyd AR, Eri R

Opportunistic infection in inflammatory bowel disease: altering physician behaviour.
Walsh A, Grimm MC

The contribution of leucocyte immunoglobulin-like receptors to maintenance of intestinal immune homeostasis.
Tedla N, Grimm MC, Lee G, Geczy C.

The role of mast cell specific serine proteases in inflammatory bowel disease in mice and humans.
Krilis S, Stephens R, Grimm MC

Campylobacter concisus and its role in the aetiology and pathogenesis of early inflammatory bowel disease.
Zhang L, Mitchell H, Day AS, Grimm MC
Measuring the medical student experience.
Grimm MC, Boyle P, McNeil HP.

Role of miRNA 135a in regulating hepatic inflammation and steatosis in chronic hepatitis C and non-alcoholic fatty liver disease-
Palmer C, Lloyd A and Zekry A

Effect of suppressor of cytokine 3 on the anti-HCV immune responses in obese subjects with chronic hepatitis C virus infection-
Martinez D, Palmer C, Simari D, Lloyd A and Zekry A

Altered glucose metabolism within T cells adversely affects CD8 T cell function in chronic hepatitis C virus infection.
Baharuddin B, Simari D, Palmer C, Lloyd A and Zekry A

Regulation of T cell recruitment and inflammation in the HIV/HCV co-infected liver.
Nguyen N, Zekry A and Lloyd A

Barriers to access of health services in the migrant population with viral hepatitis.
Guriguis M, Zekry A

Factors determining adherence to therapy for chronic hepatitis B virus infection.
Polis S, Zekry A and Maher L

4. Original Peer-Reviewed Publications

Arkwright JW, Blenman NG, Underhill ID, Maunder SA, Szczesniak MM, Dinning PG, Cook IJ.
In-vivo demonstration of a high resolution optical fiber manometry catheter for diagnosis of gastrointestinal motility disorders.
Optics Express 2009;17(6):4500-4508.

Chen CL, Szczesniak MM, Cook IJ.
Evidence for esophageal visceral hypersensitivity and aberrant symptom referral in patients with globus.

Dinning PG, Szczesniak MM, Cook IJ.
Spatio-temporal analysis reveals aberrant linkage among sequential propagating pressure wave sequences in patients with symptomatically defined obstructed defecation.
Neurogastroenterol Motil 2009;21(9):945-e75.

Arkwright JW, Underhill JW, Maunder SA, Blenman NG, Szczesniak MM, Wiklendt L, Cook IJ, Lubowski DZ, Dinning PG.
Szczesniak MM, Rommel N, Dinning PG, Fuentealba SE, Cook IJ, Omari T.
Intraluminal impedance detects failure of pharyngeal clearance during swallowing:
A validation study in adults with dysphagia.
Neurogastroenterol Mot. 2009; 21(3):244-52.

Szczesniak M.M., Williams R.B.H., Brake H.M., Maclean J.C., Cole I.E., Cook I.J.
Upregulation of the oesophago-UOS relaxation response: a possible pathophysiological mechanism in suspected reflux laryngitis.

Scott DA, Craig PI.
Localisation in the small bowel of lesions found by capsule endoscopy for obscure gastrointestinal bleeding.
VHJOE 2009; 8, No 4.

Pseudomonas aeruginosa and the hyperlipidemia of sepsis.
Pathology 2009;41(7),615–621

Boyle P, Grimm MC, McNeil HP, Scicluna H.

Chronic hepatitis C is associated with peripheral rather than hepatic insulin resistance.

Guirgis M, Zekry A, Yan K, Bu YM, Lee A. J
Chronic hepatitis B infection in an Australian antenatal population: seroprevalence and opportunities for better outcomes.

Zekry A
Cytokines and liver injury in chronic HCV genotype 4 infection.

The effect of obesity on intrahepatic cytokine and chemokine expression in chronic hepatitis C infection.
5. Other published material (Books, book chapters, reviews,)


6. Presentations at Scientific Meetings/Conferences

International


6. Dinning PG. High-resolution fibre-optic pressure sensing throughout the entire length of the human colon. XIth Little Brain Big Brain Meeting, Kenosha Wisconsin, USA, Aug 2009.

8. Role of miRNA in regulating inflammation and lipid accumulation in chronic hepatitis C virus infection. American Association of the Study of Liver disease- Boston 2009.

National:

1. Cook IJ. Pneumatic dilatation is the optimal therapy for achalasia. Australian and New Zealand Medical and Surgical Gastrointestinal Week, Sydney, Oct 2009.


3. Dinning PG. Sacral nerve stimulation at sub-sensory levels does not induce colonic propagating pressure waves in patients with slow transit constipation. Australian and New Zealand Medical and Surgical Gastrointestinal Week, Sydney, Australia, Oct 2009.

4. Dinning PG. Pan-colonic manometry demonstrates a potential biomarker of disease in patients with severe slow transit constipation. Australian and New Zealand Medical and Surgical Gastrointestinal Week, Sydney, Australia, Oct 2009.

5. Dinning PG. Bowel preparation alters the spatiotemporal organisation and the amplitude of colonic propagating sequences. Australian and New Zealand Medical and Surgical Gastrointestinal Week, Sydney, Australia, Oct 2009.


13. Luo AS, Grimm MC. A protective role for Th17 cells in inflammatory bowel disease following appendicitis induction? Australian Society for Immunology meeting, Gold Coast Dec 2009


15. Luo AS, Grimm MC. Th17 cells in the immunopathogenesis of intestinal protection. Australian and New Zealand Medical and Surgical Gastrointestinal Week, Sydney, Oct 2009

16. Luo AS, Ng WSW, Grimm MC. Localisation and phenotype of protective lymphocytes in the colon of mice following appendicitis. Australian and New Zealand Medical and Surgical Gastrointestinal Week, Sydney, Oct 2009.

17. Zekry A, Drug therapy for non-alcoholic fatty liver disease - Australian Gastroenterology Week 2009

18. Zekry A. Effect of obesity on the immune response in chronic hepatitis C. Colloquium on liver inflammation and Cancer. Centenary Institute, 2009

19. Palmer C, Lloyd A and Zekry A. miRNA in the regulation of hepatic inflammation and lipid accumulation in chronic hepatitis C. Australian Gastroenterology Week 2009


7. **Community Engagement**

Zekry A - Enhancing knowledge on viral hepatitis among General Practitioners. Zekry A in association with the multicultural division at RPAH

Zekry A - NSW Ministerial advisory Committee for viral hepatitis

Zekry A - Chairperson for SESIAHS hepatitis C virus advisory group
DEPARTMENT OF INFECTION DISEASES, IMMUNOLOGY & SEXUAL HEALTH

1. Departmental Staff

Head of Department
Prof. Steven A. Krilis, MB BS PhD FRACP (Conjoint Professor of Medicine UNSW)

Senior Medical Staff
Dr. Pamela Konecny, (Director of Sexual Health) MB BS MD DTM & H(Lon) FRACP
(Conjoint Snr Lecturer in Medicine UNSW)
Dr. Chris Weatherall, MB BS FRACP (Conjoint Snr Lecturer in Medicine UNSW)
Dr. Josephine Lusk, BSc MBChB FRNZCGP DRCOG FACHSHM MPH Dip MGT
Dr. Judith Gardiner, MB BS DipPH, DipM(Sydney) FACHSHM

Junior Medical Staff
Dr. Rory Hannah, MBBS Advanced Trainee Infectious Disease
Dr. Robert Stevens, MBBS Advanced trainee Infectious Disease - 6 months
Dr Eunice Liu, MBBS BPT, Infectious Disease Registrar – 6 months

Research Staff
Dr. Jian Chen Qi. M Med (Tianjin Medical University, China), PhD Garvan Institute,
Senior Scientist./Laboratory Manager
Dr. Bill Giannakopoulos, MBBS, PhD, FRACP, Postdoctoral Fellow
Dr. Gao Lu, B Clin Med, Tianjin Medical University, China, PhD Visiting Research Fellow
Dr. Freda Passam, DipMed, PhD, Athens University, Visiting Fellow
Dr. John Ioannou, CCT (Rheumatology), MRCP (UK), BMedSci, U C, London, Visiting Fellow
Dr. Jingyun Zhang, PhD Tianjin Medical University, China, Visiting Research Fellow

Research Assistants
Dr. Kumiko Tanaka MSc, PhD,
Miao Qi B Med in Med Lab Sc, Tianjin Medical University, China, MSc.

Clinical Trial Co-ordinator
Robyn Dever CNS

Research Student
Peyman Mirarabshahi, PhD Student
Dr Josephine Lusk, PhD student (part-time)
2. Research Grants

National, peer reviewed:

NHMRC; 2007 -2009: $558,000
The role of RasGRP4, a mast cell specific protein in mast cell growth, differentiation and activation.
Steven Krilis

NH&MRC; 2008 – 2010: $510,000
Pathophysiological Mechanisms in the Antiphospholipid Syndrome.
Steven Krilis

Other funding*:

Steven Krilis
University of New South Wales Goldstar Award; 2009: $40,000
Pathophysiological Mechanisms in the Antiphospholipid Syndrome: Activation of Glycoprotein Ib Alpha
Bill Giannakopoulos
Inaugural St George Medical Research Foundation New Investigator Grant; 2009: $20,000

3. Research Projects in Progress

Steven Krilis:

Pathophysiological Mechanisms in the Antiphospholipid Syndrome.

The role of oxidative post-translational modifications of B2GPI in thrombosis and autoimmune disease.

Mass spectrometry of oxidatively post-translationally modified forms of B2GPI, Professor P. Hogg and Dr. J. Wong, UNSW Cancer Research Centre, University of New South Wales, Sydney.

The role of mMCP-6 in inflammatory bowel disease. Professor Michael Grimm, Department of Gastroenterology St. George Hospital, Professor R L Stevens, Department of Immunology, Rheumatology Harvard Medical School Boston, Mass.

Studies on FXI/FXa binding to B2GPI using FXI mutants. Professor D. Gailani, Vanderbilt University, Nashville, Tennessee, USA

Molecular studies on RasGRP4 a specific mast cell GEF. Professor R L Stevens, Department of Immunology, Rheumatology Harvard Medical School Boston, Mass.
Crystallization studies of B2GPI. Investigator: Prof Michael W. Parker, Deputy Director and ARC Federation Fellow, Biota Structural Biology Laboratory, ACRF Rational Drug Discovery Facility, Centre
Collaborating on the study analysing the role of beta 2-glycoprotein I in autoimmunity. Professor K Matthaei: Professor and Head Of The Gene Targetting Group at The John Curtin School of Medical Research.

Collaborating on the study analysing the role of beta 2-glycoprotein I in autoimmunity. Dr D Spielman: Senior veterinary scientist at the Sydney University School of Veterinary Medicine.

Collaborating on analysing the role of B2GPI on the immune response in autoimmune BXSB mice. Dr Robert Brink, Director of the Immunology Research Programme at the Garvan Institute.

Collaborating on a project the lipid metabolism aspect on the study analysing the role of beta 2-glycoprotein I in autoimmunity. Prof Kerri-Ann Rye and Dr Ben Wu from the Heart Research Institute Camperdown

Collaborating on a prospective international multicentre study examining the predictive and diagnostic role of novel ELISAs detecting oxidative post-translational modifications of B2GPI. Senior epidemiologist, Professor Tatsu Atsumi, Department of Medicine University of Sapporo, Hokkaido, Japan. A/Professor D. Erkan, Division of Rheumatology, Hospital for Special Surgery, New York, USA. Professor Takao Koike Head, Department of Medicine, University of Sapporo, Hokkaido, Japan. Professor Michael Lockshin, Head of Medicine at the Hospital for Special Children, New York USA and Director of Rheumatic Diseases and Lupus Research. Professor Harry Moutsopoulos, Director of Department of Medicine, University of Athens, Greece. Professor Michelle Petri, Professor of Medicine, Division of Rheumatology, John Hopkins University School of Medicine, Baltimore, USA. Associate Professor P. Vlachoyiannopoulos, Department of Medicine, University of Athens, Greece. Associate Professor Stephane Heritier at the George Institute for International Health, University of Sydney.

Clinical Trials
Robyn Dever CNS
Altair study - A Randomised Open Label Study Comparing the Safety and Efficacy of Three Different Combination Antiretroviral Regimens as Initial Therapy for HIV Infection

ICE International Collaboration on Endocarditis (ICE Study)


Flu An International Observational Study To Characterize Adults Who Are Hospitalized With Complications Of Influenza A – Pandemic H1N1 (H1N1v); INSIGHT H1N1v Hospitalization Study (FLU003) (HREC Ref No: 09/SVH/138)
Altair A randomised open-label study comparing the safety and efficacy of three different combination antiretroviral regimens as initial therapy for HIV infection (ALTAIR) (07/14 Dr. P. Konecny)

Cervicitis Infectious organisms associated with Cervicitis in a metropolitan Sydney Sexual Health Clinic population. (Cervicitis study) 06/09 Dr. J. Lusk

4. Original Peer-Reviewed Publications

Reed J., Giannakopoulos B., Jackson M., Kriili S., Gordon T.
Ro60 functions as a receptor for Beta 2-glycoprotein I on apoptotic cells.

Passam FH, Alexandrakis MG, Kafousi M, Fotinou M, Darivianaki K, Tsirakis G, Roussou PA, Stathopoulos EN, Siakafas NM.
Histological expression of angiogenic factors: VEGF, PDGFR alpha, and HIF-1alpha in Hodgkin lymphoma.

In vivo inhibition of antiphospholipid antibody-induced pathogenicity utilizing the antigenic target peptide domain I of B2-glycoprotein I: proof of concept.
*Journal of Thrombosis and Haemostasis.* 2009;5: 833–842

Figtree M, Miyakis S, Stenos J, Graves S, Botham S, Ferson M, Kriili S.
Q Fever Cholecystitis in an Unvaccinated Butcher Diagnosed by Gallbladder Polymerase Chain Reaction.
*Vector-Borne and Zoonotic Diseases.* Online Ahead of Print: September 2, 2009.

Ferson MJ, Konecny P.
Recent increases in mumps incidence in Australia: the “forgotten” age group in the 1998 Australian Measles Control Campaign.

Lusk MJ, Uddin R, Ferson M, Rawlinson W, Konecny P.
Primary health care providers surveyed commonly misinterpret ‘first void urine’ for chlamydia screening.

Poly-Lactic acid for HIV-1 facial lipoatrophy: 48-week follow-up.


5. Other published material


6. Presentations at Scientific Meetings/Conferences

International


Steven Krilis. Chair, Clinic & Biology. 10th International Symposium on Sjögren’s Syndrome. Brest, France. 2009.


Steven Krilis. Member, Organizing Committee, XIII Congress on Antiphospholipid Antibodies. Galveston, Texas, USA. 2009.

**National**

Steven Krilis. RasGRP4, a mast cell regulatory protein: role in human mast cell inflammatory disorder. 20th Annual Scientific Meeting Adelaide, South Australia

Chairman, Mast Cell Disorder Symposium. The antiphospholipid syndrome: laboratory diagnosis and clinical manifestations. Australian Society of Clinical Immunology, 20th Annual Scientific Meeting Adelaide, South Australia.

Steven Krilis. HIV and AIDS Lecture for General Practitioners, Sydney.


SESIAHS Antimicrobial Stewardship Forum Garrawarra, April 2009, Invited Speaker: Antimicrobial Stewardship Program at SGH

Pam Konecny. HIV/AIDS Lecture and Sexual Health Updates for General Practitioners, St George-Sutherland Divisions

Chris Weatherall. Australasian Society of Infectious Diseases Annual Scientific Meeting, Scientific Committee Member, NSW Mar 2009.

Chris Weatherall HIV and AIDS Lecture for General Practitioners, Sydney.

Qi Miao. (Yiannis Ioannou, Jing-Yun Zhang, Freda H Passam, Soheila Rahgozar, Jian Cheng Qi, Bill Giannakopoulos, Pei Yu, Demin M Yu, Philip J Hogg and Steven A Krilis). Naturally occurring free thiols within β2-glycoprotein I in vivo: nitrosylation, redox modification by endothelial cells and regulation of oxidative stress induced cell injury. The St George & Sutherland Medical Research Conference, Sydney.

Bill Giannakopoulos. (Spielman D, St de Groth BF, Miao Q, Qi JC, Mathia K, Krilis SA.) The antiphospholipid autoantigen beta 2-glycoprotein I modulates the autoimmune response lupus and non-lupus prone mice. The St George Hospital Medical Symposium, Sydney.


P. Trichomonas vaginalis: Under-diagnosis in Urban Australia could facilitate re-emergence, Australasian Sexual Health Annual Scientific Meeting, Brisbane

Lusk MJ, Naing Z, Rismanto N, Rayner B, McGeechan K, Mclver CJ, Rawlinson WD, Konecny P. Mycoplasma genitalium is associated with cervicitis in a Sydney sexual health population. Australasian Sexual Health Annual Scientific Meeting, Brisbane

7. Community Engagement

Interagency Meetings engaging with priority population Community leaders in the St George/Sutherland Area – Multicultural, Youth

Liaison and teaching to St George and Sutherland GP Divisions
DEPARTMENT OF INTENSIVE CARE MEDICINE

1. Departmental Staff

Head of Department
A/Prof T. Jacques MBBS, FANZCA, FCICM, MHL, Conjoint A/Prof UNSW

Senior Medical Staff:
Professor John Myburgh MBChir, DA (SA), FFARACS, FANZCA, FCICM, PhD,
President (College of Intensive Care Medicine), Professor of Critical Care Medicine UNSW, Director
(Critical Care and Trauma Division, the George Institute For International Health)
A/Prof G. Skowronski  MBBChir, MRCP(UK), FRACP, FCICM

Dr Manoj Saxena MBBChir, BSc, MRCP(UK), FRACP, FCICM, Conjoint Lecturer UNSW,
Honorary Fellow (The George Institute for International Health)

Dr Doris Lam MBChB, FANZCA, FCICM, MHL, Conjoint Lecturer UNSW
Dr Rahul Pandit MBBS, MD, FCICM, Conjoint Lecturer UNSW
Dr Kush Deshpande MBChB, MD, FCICM, Conjoint Lecturer UNSW

Junior Medical Staff
Dr Andrew Cheng MBChB(NZ) FJFICM(ANZCA RACP) (Advanced trainee in Intensive Care
Medicine)
Dr Nhi Nguyen B.Med.Sci, Grad Dip Sci, MBBS, FCICM (Advanced trainee in Intensive Care
Medicine)
Dr Atul Gaur MBBS, MD,(Advanced trainee in Intensive Care Medicine)
Dr Asako Ito MBBS (Advanced trainee in Intensive Care Medicine)
Dr Nitin Chavan MBBS, MD. (Advanced trainee in Intensive Care Medicine)
Dr Ajay MBBS, MD, (Basic training in Intensive Care Medicine)
Dr Carmen Yip MBBS (Basic Training in Intensive Care Medicine)

Nursing Research Staff
Deborah Inskip RN, Cert Nurs Intensive care ,Clinical Nurse Specialist
(Quality, Education, Research and Information Nurse)
Rebecca Sidoli RN, Cert Nurs Intensive care ,Clinical Nurse Specialist
(Quality, Education, Research and Information Nurse)

Research Staff
Research students: Penelope Aligiannis (Medical student)
2. Research Grants

NHMRC Project Grant: 352550 (The RENAL Study); 2005-2009: $1.8M
Randomised Evaluation of Normal vs. Augmented Level Replacement Therapy in the intensive care unit.

NHMRC Enabling grant: 316001. (ANZIC-RC); 2004-2009: $2.5M
Bellomo R, Myburgh JA, Finfer SR, Cooper DJ.
National Centre for Intensive Care research.

NHMRC Project Grant: 436873 (The StatInS Study):2007-2009: $603 825
Kruger P, Venkatesh B, Bellomo R, Kostner K, Cooper DJ, Roberts M, Myburgh JA.
A phase II randomised controlled trial of atorvastatin therapy in intensive care patients with severe sepsis.

NHMRC Project Grant: 491075 (The ARISE Study); 2008-2011: $1.7M
Bellomo, R Cameron, P Cooper DJ, Peake SL, Webb S, Delaney A, Holdgate A, Myburgh JA.
The Australian Resuscitation in Sepsis Evaluation

NHMRC Project Grant: 545901; 2009-2013:$1.95M
Cooper DJ, Bernard S, Nichol A, Presneill J, Cameron P, Myburgh JA.
A randomised controlled trial of prophylactic hypothermia in severe traumatic brain injury (POLAR trial)

Canadian Institute for Health Research: Project Grant: 146343; 2006-2009: C$4.88M
Cook DJ, Myburgh JA, T
The prophylaxis for thromboembolism in critical care trial (The PROTECT trial).

Canadian Institute for Health Research. Project Grant; 2006-2009: C$3.0M
Dhingra V, Myburgh JA.
The survival using glucose algorithm regulation trial (The SUGAR study).

Other funding
Finfer SR, Myburgh JA, Cooper DJ, Higgins A
Normoglycaemia in Intensive Care Traumatic Brain Injury Study (The NICE-TBI Study).

Intensive Care Foundation Project Grant. 2009-2010: $80 000
Seppelt I, Myburgh J.A., Cooper D.J., Finfer S.R., Elliot R.
The ANZICS Clinical Trials Group Point Prevalence Program.

Australian and New Zealand College of Anaesthetists Project Grant: 09/008. 2009: $30 000
Saxena M.K, Myburgh J.A., Gowardman J.
A phase IIIB study of intravenous paracetamol in reducing body temperature after traumatic brain injury. (The PARITY study).
St George Medical Research Foundation: Establishment Grant. 2009: $20 000
Saxena M.K., Myburgh J.A., Seppelt I.

3. Research Projects in Progress

1. The ANZIC Influenza Investigators. Critical care services and 2009 H1N1 influenza in Australia and New Zealand.

2. Extracorporeal Membrane Oxygenation for 2009 Influenza A(H1N1) Acute Respiratory Distress Syndrome
Davies AR, Myburgh JA, Lam D, Inskip D, Sidoli R.

3. PARITY: A phase IIb study of intravenous paracetamol in reducing body temperature after traumatic brain injury

4. A point prevalence study of temperature management after acute brain injury
Saxena M, Myburgh JA, Seppelt I, Taylor C, Glass P

5. A retrospective cohort study of temperature management after traumatic brain injury

6. The CLARITY study: a cross-sectional observational study of temperature management after TBI in low-, middle- and high-income countries.
Saxena M, Myburgh JA, Seppelt I, Taylor C, Glass P

7. Influenza Pandemic Protocol for ICU Triage Study

Santamaria J, Gattas D, Rajbhandari D, Jacques T.

9. The iCURE study: Intensive Care Unit Readmission Evaluation
Jacques TJ, Eather W.

10. The EARLY Parental Nutrition Trial
Doig G, Jacques TJ, O’Leary M
11. The CHEST study: The crystalloid and hydroxyethyl starch trial
Myburgh JA, Saxena M, Inskip D

12. A pilot study evaluating the peri-operative nutritional response in cytoreductive surgery combined with hyperthermic intraperitoneal chemotherapy for peritoneal carcinomatosis

4. Original Peer-Reviewed Publications


Nichol A.D., Cooper D.J, the POLAR and EPO Study Investigators on behalf of the ANZICS Clinical Trials Group. (Myburgh J.A.: Member POLAR study Management Committee).


The ANZIC Influenza Investigators. (Myburgh J.A.: Principal Investigator: St George Hospital).

Influenza A (H1N1) 2009: Critical Care services and 2009 H1N1 influenza A in Australian and New Zealand.


The Australia and New Zealand Extracorporeal Membrane Oxygenation Influenza Investigators. (Myburgh J.A.: Principal Investigator: St George Hospital).

5. Other published material


6. Presentations at Scientific Meetings/Conferences

**International Plenary**


3. **Myburgh J.A.** September 2009. (Weimar, Germany). Why we need the CHEST trial on the safety and efficacy of 6% hydroxyethyl starch 130/0.4. 4th International Congress of the German Sepsis Society.

4. **Myburgh J.A.** October 2009. (Hong Kong). Optimising glycaemic control in critically ill patients. Annual Scientific Meeting in Anaesthesiology, Hong Kong College of Anaesthesiology and Society of Anaesthesia of Hong Kong.

**International invited**


3. **Myburgh J.A.** October 2009. (Hong Kong). Evidence for the use of vasopressors in critically ill patients. Annual Scientific Meeting in Anaesthesiology, Hong Kong College of Anaesthesiology and Society of Anaesthesia of Hong Kong.

4. **Myburgh J.A.** October 2009. (Hong Kong). Determining the optimal dose of renal replacement therapy in critically ill patients. Annual Scientific Meeting in Anaesthesiology, Hong Kong College of Anaesthesiology and Society of Anaesthesia of Hong Kong.
National plenary


National Invited


5. Saxena M. June 2009: How a novice researcher is dependent on small grants to get runs on the board – the case of keeping cool after a bang on the head. The Intensive Care Foundation annual meeting.


7. Saxena M. August 2009: Therapeutic thermal regulation after traumatic brain injury – could less be more? Wagga Wagga Rural Clinical School, University of New South Wales: Regional Update Series

DEPARTMENT OF NUCLEAR MEDICINE

1. Departmental Staff

Head of Department
Dr Patrick Butler  MA MD MBA FRACP  Conjoint Assoc Professor, UNSW

Senior Medical Staff
Dr Scott Beuzeville  B(Med) FRACP
Dr Richard Quinn  MB BS DDU FRACP
Dr Ramy Nour  MB MS FRACP

Junior Medical Staff
Dr Sandeep Sharma  MB BS FRACP

Research Staff
Senior research staff:
Dr Richard Smart  BSc MSc PhD MACPSEM FARPS  Conjoint Assoc Professor, UNSW
Dr Erin Mckay  BSc, MSc, PhD
Mr Peter McConachie  B AppSci MCom
Ms Effie Browne  BAppSci MScMed

Research Assistants
Ms Gabriel Botros  BSc

2. Research Projects in Progress

Whole body Imaging after Tc99m SESTAMIBI administration in patients with suspected hyperparathyroidism. A/Prof Patrick Butler

3. Original Peer - Reviewed Publications

Botros G, Smart R, Towson J
Diagnostic reference activities for nuclear medicine procedures in Australia and New Zealand derived from the 2008 survey.
ANZ Nuclear Medicine, 2009, 40: 2-11

Imaging of deep venous thrombosis in patients using a radiolabelled anti-D-dimer Fab’ fragment (99mTc-DI-DD3B6/22-80B3): results of a phase 1 trial.
European Journal of Nuclear Medicine & Molecular Imaging, 2009, 36:250-259
1. Departmental Staff

Mark Hersch BSc, MBBCh, PhD, FRACP, Conjoint Associate Professor UNSW
Louise Allport BSc (Med), MBBS, PhD, FRACP
Jerome Ip MBBS, FRACP, Conjoint lecturer, UNSW
Jane Prosser MBBS, FRACP
Walid Matar BMedSci (Hons), MBBS
Donald Pryor MBBS, MD, FRACP

2. Research Projects in Progress

Cause of severe urinary incontinence in women with A/Prof. K Moore, Dr E Karantantis and Dr S Sharma

3. Original Peer - Reviewed Publications

What lies beneath the tent? JC-virus cerebellar granule cell neuronopathy complicating sarcoidosis.

4. Other published material

Pryor, Donald S.
“Neurological Emergencies”
Elsevier Australia, 2009

5. Presentations at Scientific Meetings/Conferences

International
E Karantantis
Research project mentioned in section 4 - presented at International Continence Society Meeting, San Fransisco Sept 2009 by Dr S Sarma (and also at Austrian Continence Foundation Annual Meeting, Adelaide, 2009.

National
Lahoria R, Allport L, Glenn D, Masters L, Shnier, R, Davies, M, Hersch M.
1. Departmental Staff

Head of Department
Professor Mark Brown
MBBS, MD, FRACP (Professor of Medicine, UNSW)

Senior Medical Staff
Associate Professor John Kelly MBBS, MD, FRACP (Associate Professor of Medicine, UNSW)
Associate Professor George Mangos MBBS, MD, FRACP (Associate Professor of Medicine, UNSW)
Dr William Chan MBBS, PhD, FRACP
Dr Sharon Ong BSc (Med), MBBS, FRACP (Conjoint Lecturer, UNSW)
Dr Ivor Katz MD, MBBCh, FCP(SA), BSc Honours, PhD
Dr Parthasarathy Shanmugasundaram MBBS, DM, FRACP (Conjoint Lecturer, UNSW)
Dr Cathie Lane B.Pharm, B.Med FRACP, Grad Cert ULT, PhD (Conjoint Lecturer, UNSW)

Research Staff
Senior research staff
Saiyini Pirabhahar BNurs, MHlthSci, Grad Dip Med Lab Sci

Research assistant
Belinda Trajkovska BA, PG DIP Psych

Research student
Stephanie Cohen

Nursing research staff
Elizabeth Josland CNC, Dip Nurs, MPH
Tania Burns CNC, Grad Cert. Nurs
Alison Smyth BNurs

2. Research Grants

Australia New Zealand Society of Nephrology (ANZSN)/AMGEN; 2009-2010: $10,000
Models of Care project
Burns, T, Smyth A, Tranter S.

Renal Research Fund – Wits Foundation – University of the Witwatersrand; 1999 – 2009: R 500 000.00 – A$76000
Chronic Disease Outreach Program (South Africa)
Dr Ivor Katz.
Unrestricted Grant to Renal Research Fund – Wits Foundation and Wits Consortium – University of the Witwatersrand; 2005 – 2009: R 120 000.00 – A$18000
BART (Bara Renal Tracking System)  South Africa
Dr Ivor Katz

Directed Grant to Renal Research Fund – Wits Foundation– University of the Witwatersrand; 2005 – 2009: R 140 000.00 – A$21000
Chronic Diseases Fellowship Training
Dr Ivor Katz.

Rosebank Rotary Club; a grant to enable us to send South African Nurses to train in Australia to develop skills for chronic illness management training including hypertension, diabetes and kidney disease

Directed Grant to Renal Research Fund – Wits Consortium– University of the Witwatersrand 2007-2009: R 400 000.00/year – A$60000
Fresenius Nephrology Training Fellowship
Dr Ivor Katz

3. Research Projects in Progress

1. Retrospective and prospective studies of the effects of a Renal Palliative care service on patients with CKD stage 4/5 and their carers
Chief Investigator:  Prof Mark Brown

2. The Renin-angiotensin system in pre-eclampsia
Chief Investigator:  Prof Mark Brown

3. Methods of measuring blood pressure in normal and hypertensive pregnancies
Chief Investigator:  A/Prof G Mangos & Prof Mark Brown

4. Study of Heart and Renal Protection (St. George Institute and Oxford University)
Chief Investigator: A/Prof John Kelly

Chief Investigator: A/Prof John Kelly

6. Honey Pot Trial (Australian Kidney Trials Network)
Chief Investigator: Dr Sharon Ong

7. Masked Hypertension in Chronic Kidney Disease, Dialysis and Renal Transplant patients.
Chief Investigator: Dr Sharon Ong
8. Evaluation of Referral of patients with Kidney and Cardiovascular Disease to St George Hospital
Chief Investigator: Dr Ivor Katz

9. 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.
Chief Investigator: Dr Ivor Katz

10. Models of Care Project
Chief Investigators: Tania Burns and Alison Smyth

4. Original Peer - Reviewed Publications

Brown MA, Lowe SA.
Current management of pre-eclampsia.
MJA. 2009; 190:3-4.

Lane CA, Brown MA.
Nephrology: A specialty in need of resuscitation?

Kho L, Brown MA, Ong SLH, Mangos G.
Blood pressure measurement in pregnancy: the effect of arm circumference and sphygmomanometer cuff size.

Guidelines for the management of hypertensive disorders of pregnancy.
ANZJOG. 2009; 49: 242-6

Mangos GJ.
Investigation of the patient with Hypertension.
Medical Today December 2009 Vol 10 Number 12.


Ong SLH, Zhang Y, Sutton M, Whitworth JA.
Haemodynamics of dexamethasone-induced hypertension in the rat.


5. Other published material


6. Presentations at Scientific Meetings/Conferences

International


4. Katz I. “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.

5. 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).
National


Local

7. Community Engagement


5. Mangos GJ. Chronic Kidney Disease. GPCE Meeting May 2009 SYDNEY


7. Ong SLH. Hypokalaemic rhabdomyolysis secondary to primary hyperaldosteronism. NSW Renal Group Meeting, Sydney 2009.
1. Departmental Staff

Head of Department
Dr Steven Lindstrom  MBBS, FRACP

Senior Medical Staff
Dr Andrew Ng  MBBS, FRACP, Ph.D. (Sutherland Hospital)
Dr Elizabeth Clark MBBS, FRCP (U.K.)
Dr Con Archis MBBS, FRACP (Sutherland Hospital)
Dr John Moses MBBS, FRACP (St George Private)

Staff Specialists
Dr Frank Yan  MBBS, FRACP (Aged Care Dept)
Dr Veronica Yozghatlian  MBBS, FRACP (RPAH- Cystic Fibrosis Clinic)

Visiting Medical Officers
Dr Hazel Goldberg  MBBS, FRACP (POW & Sydney Hospitals)

Junior medical staff
Advanced trainees
Dr Eric Wong  MBBS
Dr Irshad Ali  MBBS

Research Staff
Senior research staff  Jay Flack BSc
Research assistants  Carol Gano MND
Nursing research staff  Cyndy Higgins BA
2. Research Projects in Progress

Procalcitonin in Community Acquired pneumonia
Dr Eric Wong, Dr Steven Lindstrom

Surgery on Obesity Sleep Apnoea
Dr Eric Wong, Dr Steven Lindstrom

Venous Blood Gas in COPD patients with Non-Invasive Ventilation
Dr Eric Wong, Dr Andrew Ng

Audit of the Care of Patients with Tuberculosis at St George Hospital
Dr Irshad Ali, Dr Hazel Goldberg

3. Community Engagements

Jay Flack – Spirometry Application and Interpretation Presentations and Lectures-
4 sessions over the year

Dr Steven Lindstrom – Chronic Obstructive Pulmonary Disease presentation
World Chronic Obstructive Pulmonary Disease Day - 5 November 2009
DEPARTMENT OF RHEUMATOLOGY

1. Departmental Staff

Head of Department
Associate Professor Allan Sturgess MB.BS (UQ), PhD (Melb), FRACP, FRCPA
Senior Staff Specialist, Conjoint Associate Professor of Medicine, UNSW

Senior Medical Staff
Professor Marissa Lassere
MB.BS (Hons) (Syd), PhD (UNSW), Grad Dip Epi (Newcastle) FRACP, FAFPHM
Senior Staff Specialist, Conjoint Professor of Medicine, UNSW Professor

Professor Bruce Kirkham MB ChB MD FRACP (January – September 2009)
Professor of Rheumatology, UNSW, Consultant Rheumatologist

Dr Bill Giannakopoulos (from October 2009) BSc.(Med), MBBS (UNSW), PhD(UNSW), FRACP
Senior Lecturer in Medicine, UNSW, Consultant Rheumatologist

Dr Ian Portek MBBS (Syd), FRACP
VMO Rheumatology, Senior Lecturer in Medicine, UNSW

Dr Lou McGuigan MBBS (UNSW) MD (UNSW) FRACP,
VMO Rheumatology

Junior Medical Staff
Dr Jane Oliver (Advanced Trainee in Rheumatology)

Rheumatology Fellow
Sargunan Sockalingam MBBS, MMed

Senior Research Staff
Dr Kent Johnson BA(Harvard) BA(Oxford) MD (John Hopkins)
Senior Lecturer in Medicine, UNSW

Research Staff
Joy Rappo BNursing MSc RN
Rosemarie van den Haak
Dr Rowena Forsyte BA (Hons) (Syd) PhD (UNSW)
Carol Maddock MA
Mark Broadbent
Sue Baker BAppSc (Biomed) (UTS)
Tanya Thompson BSc (UNSW)
Michal Schiff BSc, MSc, Associate Lecturer in Medicine
2. Research Grants

National, peer reviewed:

NHMRC Enabling Grant 384330; 2006-2010: $1,250,000.
Australian Rheumatology Association Database.
Buchbinder R, March L, CIC Lassere MN, Reid C

NHMRC Project Grant 455467; 2007 – 2011: $665,500
Electronic portable health file (PHF) to promote quality of care and workflow through continuity of care.
Lassere MN, Sara T, Johnson K, Iedema R, Rubin G, Macauley V

NHMRC Project Grant 510272; 2008 – 2010: $510,000
Levels of evidence for surrogate therapeutics

Other funding:
St George Medical Research Foundation New Investigator Grant 2009: $20,000
Investigations Into The Modulatory Activity Of B2GPI on Coagulation In Vitro And In Vivo
Bill Giannakopoulos.
3. Research Projects in Progress


The role of informal carers in patients with arthritis. Lassere M, Edmonds J Portek I, Sturgess A, Rappo J

Secular changes in health-related quality of life over two decades in patients with rheumatoid arthritis. Lassere M, Edmonds J Portek I, Sturgess A, Rappo J


Health care utilization and out-of-pocket costs in patients with rheumatoid arthritis. Lassere M, Rappo J, Johnson K


Health-related quality of life in patients on biologic treatment for rheumatoid arthritis, psoriatic arthritis and ankylosing spondylitis. Staples M, Buchbinder R, Reid C, Lassere M, March L.


Cardiovascular morbidity in patients on biologic treatment for rheumatoid arthritis, psoriatic arthritis and ankylosing spondylitis. Van Doornum S, Buchbinder R, Reid C, Lassere M, March L, Williams M, Staples M.


Why patients on biologic treatment for rheumatoid arthritis, psoriatic arthritis and ankylosing spondylitis switch biologic agents. Williams M, Buchbinder R, Reid C, Lassere M, March L, Staples M.
Tolerability and adverse events of leflunomide, leflunomide-DMARD and leflunomide-biological combination treatment in patients with rheumatoid arthritis, psoriatic arthritis and ankylosing spondylitis. Mourad J, Lassere M, March L, Buchbinder R, Reid C.

The responsiveness of computer-based methods for measuring joint damage progression in subjects with rheumatoid arthritis. Po M, Bird P, Lassere M, Edmonds J

Comparison of computer-based methods with scoring methods for joint space narrowing in subjects with rheumatoid arthritis. Po M, Bird P, Lassere M, Edmonds J

Evaluating the measurement properties of the Rheumatoid Arthritis Magnetic Resonance Imaging Score (RAMRIS) for evaluating disease activity and damage progression. Bird P, Lassere M, Ostergaard M, Conaghan P, McQueen F.

Evaluating the measurement properties of the Psoriatic Arthritis Magnetic Resonance Imaging Score (RAMRIS) for evaluating disease activity and damage progression. Bird P, Lassere M, Ostergaard M, Conaghan P, McQueen F.

The evaluation of knee articular cartilage in osteoarthritis using Magnetic Resonance Imaging. Lassere M, Oakley M.

The reliability and validity of Power Doppler ultrasound in patients with rheumatoid arthritis. Joshua F, Lassere M.

Methods for the development and use of quality indicators for improving patient care and for professional development. Lassere M

Development and implementation of a national set of Rheumatoid Arthritis Quality indicators. Lassere M, Johnson


Qualitative studies of the attitudes, perceptions and opinions about the methods used to ascertain and report adverse events in clinical research by patients, health professionals, pharmaceutical industry, regulators, medical editors, health administrators and health payers. Lassere M, Forsyth R, Iedema R, Maddock C, Johnson K

A clinical audit of the use of VTE guidelines in a teaching hospital. Lazar S, Chapman, Chong B, Lassere M, Fry M.
A qualitative study of the attitudes and barriers of venous thromboembolic (VTE) prevention in medical and nursing personnel. Lazar S, Chapman, Chong B, Fry M, Lassere M.

Evaluation of changes in knee synovial membrane cytokine expression of IL-10, IL-1ß, IL-17, TNFα, IL-6, IFNγ, RANKL using qT-PCR in patients with rheumatoid arthritis. Kirkham B, Lassere M, Edmonds, Portek I.


Qualitative studies of the organisational, professional, sociocultural and technical factors influencing the effective use of a patient-held portable health file by patients, health care providers, government and information technology industry. Lassere M, Forsyth R, Iedema R, Maddock C.

An evaluation of the business, architectural, and workflow requirements of the patient held PHF and the health-care provider electronic medical record to understand the shared information resources required to support a collaborative care model. Lassere M, Iedema R, Sara T, Baker S, Rappo J, McCauley V, Stelter K, Rowling Y, Broadbent M.

The development of a synchronized and secure electronic patient-held portable health file (ePHF). Lassere M, Parle A.

The development of a paper patient-held portable health file (PHF). Lassere M, Maddock C, Rappo J.


Evaluate the scientific, clinical, statistical, cultural, commercial and regulatory factors influencing the application of a levels of evidence schema for biomarkers and surrogate endpoints. Lassere M, Buyse M, Campbell T, Mitchell A, Berger V, Burzykowski T, Dunsmuir W, Galbraith S, Hughes M, Handel G, Grimm M, Johnson K.


Investigate current statistical methods to advance biomarker and surrogate endpoint evaluation using simulated and real data sets that reflect limitations of data and statistical assumptions. Lassere M, Buyse M, Burzykowski T, Dunsmuir W, Galbraith S, Hughes M, Pardy C, Flack L, Johnson K.

Consensus-building for the development of a standardised method of systematically quantifying the strength of the evidence that supports a biomarker’s claim to surrogacy for use in clinical trials. Lassere M, Johnson K.
Developing reporting standards for clinical and biomarker measurement methods in medicine. Lassere M

A qualitative-quantitative evaluation of continuity of care handover in a Sydney teaching hospital. Lassere M

The evaluation of statistical methods including quantile regression for the development of chronic disease reference norms. Lassere M

Evaluate a by-trial regression model to estimate the surrogate threshold effect (STE) of blood pressure on stroke outcomes. Johnson K, Lassere M, Schiff M, Rees D.

Evaluate a by-trial regression model to estimate the surrogate threshold effect (STE) of bone mineral density on fracture outcomes. Johnson K, Lassere M

Evaluate a by-trial regression model to estimate the surrogate threshold effect (STE) of response rate and progression-free survival in renal cell carcinoma. Lassere M, Johnson K, Ward R

A systematic review of systemic lupus erythematosus lupus (SLE) trial design, validity and generalisability. Sockalingam S, Johnson K, Lassere M

An evaluation of meta-analysis in the presence of heterogeneity performance (bias, accuracy and coverage) with varying trial parameters (size, number, treatment effect, and variability) using simulations. Johnson K, Lassere M, Flack L.

The design and statistical analysis of reliability studies. Lassere M

Data requirements for validity in economic analyses of healthcare. Johnson KR, Lassere MN

Capturing the uncertainty of surrogate outcomes in cost-effectiveness models. Johnson KR, Lassere MN


Improving the predictive value of anti-phospholipid serology. Sturgess A

Detection and significance of membrane-bound light chains on B cells in SLE and RA. Sturgess A
Researching the in vivo role of beta 2-glycoprotein I in regulating lipid metabolism in autoimmunity. Bill Giannakopoulos, Klaus Matthaei, Kerry-Ann Rye, Steve Krilis.

Researching the in vivo role of beta 2-glycoprotein I in regulating spontaneous autoimmune/ lupus responses. Bill Giannakopoulos, Robert Brink, Dominique Gatto, Chris Weatherill, Derek Spielman, Steve Krilis.

Researching the in vivo role of beta 2-glycoprotein I in driving the autoimmune response in the generation of anti-beta 2-glycoprotein I autoantibodies. Bill Giannakopoulos, Steve Krilis.

Researching the in vivo role of beta 2-glycoprotein I in innate immunity. Bill Giannakopoulos, Steve Krilis.

A prospective international multicentre study examining the predictive and diagnostic role of novel ELISAs detecting oxidative post-translational modifications of B2GPI. Bill Giannakopoulos, Steve Krilis, Stephane Hertier.

The role of thiol-exchange reactions in the regulation of factor XI activity. Bill Giannakopoulos, Steve Krilis.

Examination of the factors involved in nurturing creative thinking in physician-scientists undertaking basic scientific research. Bill Giannakopoulos.


4. Original Peer-Reviewed Publications


Ostergaard M. Conaghan PG. O’Connor P. Szkudlarek M. Klarlund M. Emery P. Peterfy C. Genant H. McQueen FM. Bird P. Lassere M. Ejbjerg B.
Reducing invasiveness, duration, and cost of magnetic resonance imaging in rheumatoid arthritis by omitting intravenous contrast injection - does it change the assessment of inflammatory and destructive joint changes by the OMERACT RAMRIS?

The OMERACT psoriatic arthritis magnetic resonance imaging scoring system (PsAMRIS): Definitions of key pathologies, suggested MRI sequences, and preliminary scoring system for PsA hands.

The OMERACT MRI inflammatory arthritis group: Advances and future research priorities.

Oldroyd J. Schachna L. Buchbinder R. Staples M. Murphy B. Bond M. Briggs A. Lassere M. March L. Ankylosing Spondylitis Patients Commencing Biologic Therapy Have High Baseline Levels of Comorbidity: A Report from the Australian Rheumatology Association Database.

Briggs AM. March L. Lassere M. Reid C. Henderson L. Murphy B. van den Haak R. Rischin A. Staples M. Buchbinder R
Baseline Comorbidities in a Population-Based Cohort of Rheumatoid Arthritis Patients Receiving Biological Therapy:Data from the Australian Rheumatology Association Database.


In vivo activated monocytes from the site of inflammation in humans specifically promote Th17 responses.

Ectopic lymphoid structures support ongoing production of class-switched autoantibodies in rheumatoid synovium.
Macedo, A.; Oakley, S.; Gullick, N., and Kirkham, B.  
An examination of work instability, functional impairment, and disease activity in employed patients with rheumatoid arthritis.  

Macedo, A. M.; Oakley, S. P.; Panayi, G. S., and Kirkham, B. W.  
Functional and work outcomes improve in patients with rheumatoid arthritis who receive targeted, comprehensive occupational therapy.  

Wong, M.; Oakley, S. P.; Young, L.; Jiang, B. Y.; Wierzbicki, A.; Panayi, G.; Chowienczyk, P., and Kirkham, B.  
Infliximab improves vascular stiffness in patients with rheumatoid arthritis.  

Joanne H Reed, Bill Giannakopoulos, Michael W. Jackson, Steven A Krilis and Tom P Gordon.  
Ro 60 functions as a receptor for beta2-glycoprotein I on apoptotic cells; Beta2-glycoprotein I masks a Ro 60 allope.  

5. Other published material

Giannakopoulos B, Passam F, Ioannou Y, Krilis SA.  
How We Diagnose The Antiphospholipid Syndrome.  

Giannakopoulos B, Krilis SA.  
How I Treat The Antiphospholipid Syndrome.  

6. Presentations at Scientific Meetings/Conferences

International


Marissa Lassere. Use of patient-held paper and electronic portable health files (PHFs) to facilitate reliable health knowledge transfer among healthcare providers and patients. International Society for Quality in Health Care International meeting. Dublin 12/10/09


Allan Sturgess. Interpretation of tissue antibodies (SMA, AMA, LKM). Immunopathology Training Program. Westmead Hospital. 10/05/2010

Marissa Lassere. The Shared Electronic Health Record. Roche Annual Symposium on Rheumatology. 22/02/09 Sydney


St George Hospital
Bill Giannakopoulos First prize for best basic science oral presentation at the 2009 St George Hospital Medical Symposium

7. Community Engagement

Allan Sturgess is Hon. Patron “The Myositis Association – Australia Incorporated”.


Marissa Lassere. Member of Surrogate to Final Outcome Working Group. Department of Health and Ageing Pharmaceutical Benefits Advisory Committee (PBAC). Canberra

Marissa Lassere. Chair, Quality and Safety. Australian Rheumatology Association

Marissa Lassere. Member. Shared Scientific Assessment Committee NSW Health
DEPARTMENT OF CARDIOTHORACIC SURGERY

1. Departmental Staff

Head of Department
Dr Gary Fermanis MB.B.S (Hons) FRACS

Senior Consultant Staff
Dr Matthew Horton MB.B.S FRACS (Visiting Medical Officer)
Dr Con Manganas MB.B.S FRACS (Visiting Medical Office)

Junior Medical Staff
Dr Sheen Peeceeyen MS, MCh (Cardiothoracic Surgery)
Dr Takeshi Uzuka MBBS, PhD
Dr Sreeja Swamidas MCh (DNB National Board Cardiothoracic)
Dr Ajay Hiirakannawar MCh (Cardiothoracic Surgery)

2. Research Projects in Progress

1. Comparative assessment of the On-X Prosthetics Heart Valve against St Jude Medical, Carbomedics and Medtronic Heart Valves in the aortic position: A prospective randomized clinical study.

2. A prospective controlled group study to assess the efficacy of Navigator versus conventional care in post-operative cardiac surgery patients.


4. Reduction in intra-pericardial adhesions using a bioabsorbable membrane: a large animal model. (For Masters of Surgery by Research. Dr Con Manganas, UNSW).
3. Original Peer-Reviewed Publications

Yan T, Chua D, Yap Z, Horton M, Fermanis G and Morris D
Thoracic Cytoreductive Surgery and Intraoperative Hyperthermic Intrathoracic Chemotherapy for Pseudomyxoma Peritonei. Journal of Surgical Oncology 2009;00:1-5

Rathorne K, Cooper M, Manganas C.

4. Presentations at Scientific Meetings / Conferences

Participation in national cardiac database (ASCATS) funded by Clinical Excellence Commission
Transoesophageal Echocardiogram Evaluation on Internal Mammary Artery Flow pre and post coronary by-pass grafting. Lee R, Pybus D
Poster presentation at Annual Scientific Cardiothoracic Meeting, Noosa, Qld.

5. Community Engagement

Knights of St George Ball – community fund raiser, supported by ex-patients, held at Penshurst RSL on two occasions in July and November 2009.
Proceeds used to purchase new heart / lung machine, intra aortic balloon pump.
1. Departmental Staff

Head of Department
Dr Michael L Talbot, FRACS MB ChB, UNSW Conjoint Senior Lecturer in Surgery

Senior Medical Staff
Dr John O Jorgensen, FRACS MBBS (VMO)
Dr Ken W Loi, FRACS MBBS (VMO)
Dr Vytauras Kuzinkovas, MBBS MD MRCSEd FRCSEd FRACS (VMO)

Clinical Associates
Dr Phillip Seely MBBS
Dr Georgia Rigas MBBS FRACGP

Surgical Fellows
Dr James Chau, MBBS FRACS
Dr Ben Woolven, MBBS FRACS

Research Staff
Ana Borbajo RN
Tania Matisan RN

Gastrointestinal Motility Laboratory Supervisor
Debra Parsons RN

Research student
Ms Evyenia Panos UNSW Medical Student

2. Research Grants

Other funding

Vibrynt Medical USA, Mobius Medical Australia.
Laparoscopic Placement of a Paragastric Implant for Morbid Obesity.
Michael Talbot.

Cavu Medical USA.
A Prospective, Multi Centre Clinical Evaluation to Observe the Intra Band Pressure Variances in Newly Implanted Laparoscopic Adjustable Gastric Bands (LAGB) Between Adjustments.
Michael Talbot
3. Research Projects in Progress

Changes in Metabolic Rate and Body Composition and Metabolic Rate after Weight Loss Surgery. Dr Michael Talbot, Evy Panos, Dr Georgia Rigas, Dr Phillip Seely, Dr Vytauras Kuzinkovas.

Indications and Outcomes of Re-operative Bariatric Surgery in 220 Patients. Dr Ben Woolven, Dr Michael Talbot.

Long Term Outcomes in Diabetic Patients Undergoing Weight Loss Surgery. Dr Georgia Rigas, Dr Susan Gan, Dr Michael Talbot, Dr John Jorgensen, Dr Ken Loi.

Utility of Sleeve Gastrectomy following failed Laparoscopic Gastric Banding for Morbid Obesity. Dr James Chau, Dr John Jorgensen, Dr Michael Talbot, Dr Ken Loi.

Laparoscopic Placement of a Paragastric Implant for Morbid Obesity. Dr Michael Talbot, Dr Georgia Rigas, Tania Matisan.

A Prospective, Multi Centre Clinical Evaluation to Observe the Intra Band Pressure Variances in Newly Implanted Laparoscopic Adjustable Gastric Bands (LAGB) Between Adjustments. Dr Michael Talbot, Dr Georgia Rigas, Dr Phillip Seely, Tania Matisan.

4. Original Peer-Reviewed Publications

Babor, Richard; Talbot, Michael; Tyndal, Anthony


5. Presentations at Scientific Meetings/Conferences

National Conveners, Laparoscopic Sleeve Gastrectomy Workshop.
John Jorgensen, Ken Loi, Michael Talbot.


Vytauras Kuzinkovas. A Complex UpperGI problem” Australian and New Zealand Gastro-oesophageal Surgery Society (ANZGOSa) meeting October 2009
LIVER SURGERY
(see UNSW Dept of Surgery, Liver and Peritonectomy Unit)

COLO-RECTAL SURGERY

1. Departmental Staff

Head of Department
David Z. Lubowski FRACS

Senior Medical Staff
Denis W. King OAM FRACS
D. Shevy Perera FRACS
Steven Gan FRACS
Daniel Kozman FRACS
V Patton RN (CNC Anorectal Physiology Dept)

2. Research Projects in Progress

Predictive factors for anal incontinence in women who experience obstetric anal sphincter injury
Vicki Patton, Emmanuel Karantanis, Kate Gardner, Katrina Parkin
Project Outline: Prospective study examining women who have obstetric anal sphincter injury after vaginal delivery, compared with matched controls.

Patients with constipation and faecal incontinence
Vicki Patton, Denis King, Phillip Dinning
Project Outline: Prospective observational study to examine the characteristics of patients with dual symptoms of constipation and incontinence.

Long term follow-up of patients with cutting seton for anal fistula
Vicki Patton, David Lubowski, Chung Min Cheng
Project Outline: Follow-up of patients who have had cutting seton for complex anal fistula, examining clinical outcome, continence scores, quality of life and satisfaction with procedure.

Clinical outcomes of sacral nerve stimulation for treatment of faecal incontinence
David Lubowski, Vicki Patton
Project Outline: Follow-up of patients who have had insertion of sacral nerve stimulator examining clinical outcome, continence scores, quality of life and satisfaction with procedure.
Follow-up of patients who have had insertion of Chait Cecostomy Catheter for administration of antegrade colonic enemas for bowel management
Vicki Patton, David Lubowski

Project Outline: Follow-up of patients who have had insertion of Chait cecostomy for bowel management. The study examines clinical outcome, patient practises with irrigation technique, quality of life and satisfaction with procedure.

High resolution fiberoptic colonic manometry to examine the effect of sacral nerve stimulation on colonic movement in patients with faecal incontinence
Vicki Patton, Phillip Dinning, Ian Cook, David Lubowski, John Arkwright (CSIRO)

Project Outline: To study the impact of sacral nerve stimulation on colonic wave patterns in people with faecal incontinence using high resolution fibre optic manometry catheter in patients with faecal incontinence and constipation

3. Original Peer - Reviewed Publications

Mackey P, Mackey L, Kennedy ML, King DW, Newstead GL, Douglas PR, Lubowski DZ.
Postanal repair – do the long-term results justify the procedure?

Liu L, Shang F, King DW, Lubowski DW, Burcher E.
Cyclooxygenase-dependent alterations in Substance P-mediated contractility and NK1 receptor expression in the circular muscle of patients with slow transit constipation.
J Pharmacol Exp Ther. 2009 ;324(1):170-8

4. Other published material

Lubowski DZ, Kennedy ML.
Anorectal physiology.
In: Pelvic Floor Re-education – Principles and Practice (Eds Baessler,Schussler, Burgio,Moore, Norton, Stanton), Springer-Verlag, London 2009, pp124-134

Lubowski DZ, Kennedy ML.
Tests of Anorectal Physiology.

5. Presentations at Scientific Meetings/Conferences

National
D Z Lubowski ANZ Medical and Surgical Gastrointestinal Week, Darling Harbour, Sydney, 21-24 October 2009. “Surgical treatment of constipation”
1. Departmental Staff

**Head of Department**
Dr. Mark Davies MB.BS., FRACS (Conjoint Senior Lecturer UNSW)

**Senior Medical Staff**
Dr. Bernard Kwok MB.BS., FRACS (Conjoint Senior Lecturer, UNSW)
Dr. Erica Jacobson MB., PhD, FRACS
Dr. Saeed Kohan MB.BS., FRACS
Dr. Warwick Stening MB.MS., FRACS, FRCS (Edin)

**Junior Medical Staff**
Dr. Ali Ghahreman MB.BS.
Dr. Peter Khong MB.BS
Dr. Ju Yong Cheong MB.BS
Dr. Vanessa Perotti MB.BS

2. Research Projects in Progress

**Spine Wave Injectable Disc Nucleus**
SESAHS HREC. CTN SWP303 04/69. M.A.Davies (Coinvestigator)

A prospective randomized study comparing the use of Actifuse synthetic bone substitute with Infuse in patients requiring posterolateral instrumented lumbar fusion
UNSW HREC 08060/UoW CT07/001 M.A.Davies (Coinvestigator)

**Assessment of Dynamic Enhanced MRI in Brain tumours**
SESAHS HREC ref: 08/stg/87 M.A.Davies (Coinvestigator)

3. Original Peer-Reviewed Publications

Sammons VJ, Jacobson E, Lawson J.
4. Presentations at Scientific Meetings/Conferences

P.Khong, A.Ghahreman, M.Davies
Neurosurgical Society of Australasia ASM

June 2009, Lecture and live surgery on Minimally Invasive Neurosurgery, Beijing University 11th Hospital.

Nov 2009 Lecture on ‘delivery of neurovascular surgery in Sydney’ at the Hong Kong Stroke Society annual meeting.
DEPARTMENT OF ORTHOPAEDIC SURGERY

1. Departmental Staff

Head of Department
Dr Wayne Viglione

Orthopaedic Surgeons
Dr Robert Molnar, Lecturer (Conjoint) UNSW
Prof Ian Harris
Dr Paul Hitchen
Dr Ashish Diwan- Senior Lecturer UNSW
Dr Ron Sekel
Dr Michael Dixon
Dr SP Tan
Dr Hugh Jones
Prof George Murrell, Professor of Orthopaedic Surgery, UNSW
Dr Zoltan Szomor, Senior Lecturer (Conjoint) UNSW, Medical Director of NSW Bone Bank

Junior Medical Staff
Training Registrars:
Dr Oliver Khoo,
Dr David Broe,
Dr Sarah Yong,
Dr Yasser Khatib,
Service Registrars:
Dr Edmund O’Leary,
Dr Charles Lai

Research Assistant
Deanne Jenkin BSc, Clinical Research Manager (STG)
2. Research Projects in Progress


RB Molnar, Screw Home Mechanism in Cruciate Retaining and Posterior Stabilized Total Knee Arthroplasty

RB Molnar, Prospective Randomised Pilot Study Comparing LCP (Locking Clavicle Plate) fixation with HCS (Headless Compression Screw), for the Treatment of Displaced Midshaft Clavicle Fracture.

RB Molnar, Radiostereometric Analysis (RSA), Of The Genesis II Minimally Invasive Surgery (MIS) Tibial Base Plate.

RB Molnar, Prospective randomised study comparing the dynamic hip screw and intramedullary gamma nail for the treatment of intertrochanteric hip fracture.

RB Molnar, To validate acetabular cup placement in total hip arthroplasty (THA) using CAS (computer assisted surgery).

RB Molnar, Safe zones for femoral tunnels in multi-ligament knee reconstruction.

RB Molnar, A pilot study to assess a multimodal approach to short stay arthroplasty.

RB Molnar, The Australian arthroplasty thromboprophylaxis survey.

Z Szomor, The effects of irradiation on the mechanical properties of tendon allograft tissue.

Z Szomor, Validation of bioburden reduction by gamma irradiation in bone allografts.

3. Original Peer-Reviewed Publications

Keeley A, Bloomfield P, Cairns P, Molnar R.
Iliotibial band release as an adjunct to the surgical management of patellar stress fracture in the athlete: a case report and review of the literature.

Gardner, Michael J; Osgood, Greg; Molnar, Robert; Chip Routt, Milton L Jr.
Percutaneous Pelvic Fixation Using Working Portals in a Circumferential Pelvic Antishock Sheet.

IA Harris, A Dao, J Young, H Rae, B Jalaludin, M Solomon
Predictors of patient and surgeon satisfaction after orthopaedic trauma
Harris IA, Dao A.
Trends of spinal fusion surgery in Australia: 1997 to 2006

Naylor JM, Harmer AR, Heard RC, Harris IA.
Patterns of recovery following knee and hip replacement in an Australian cohort.

Harris IA, Yong S, Harris AM.
Surgical supervision.

Harris IA, Murgatroyd D, Cameron I, Young JM, Solomon MJ.
The effect of compensation on health care utilisation in a trauma cohort

Kishen T, Harris IA, Diwan A.
Primum non nocere and randomised placebo-controlled surgical trials: a dilemma?

Adie S, Harris IA, Thorn L, McEvoy L, Naylor JM.
Non emergency management of hip fractures in elderly patients

Adie S, Naylor J, Harris IA.
Cryotherapy following total knee replacement
*Cochrane Database of Systematic Reviews* 2009, Issue 4.

Adie S, Harris IA

Maximum recovery after knee replacement - the MARKER study rationale and protocol
*BMC Musculoskeletal Disorders* 2009, 10:69. http://www.biomedcentral.com/1471-2474/10/69

Harris IA.
Getting the most out of internet searching.

Harris IA.
Trauma services in NSW.
Paoloni JA, Murrell GAC, Burch RM, Ang RY. 
Randomised, double blind, placebo controlled clinical trial of a new topical glyceryl trinitrate patch for chronic lateral epicondylosis. 

Millar NL, Bradley TA, Walsh NA, Appleyard RC, Tyler MJ, Murrell GAC 
Frog glue enhances rotator cuff repair in a laboratory cadaveric model. 

Millar NL, Wei AQ, Molloy TJ, Bonar F, Murrell GA. 
Cytokines and apoptosis in supraspinatus tendinopathy. 

Wu X, Baldwick C, Briggs L, Murrell GAC. 
Arthroscopic undersurface rotator cuff repair. 
*Tech Shoulder Elbow Surg* 2009; 10 (3) 112-8.

Millar NL, Wu X, Tantau R, Silverstone E, Murrell GAC. 
Open versus two forms of arthroscopic rotator cuff repair. 
*Clinical Orthopaedics & Related Research* 2009; 467 (4) 966-78.

Bradley T, Baldwick C, Fischer D, Murrell GAC. 
The effect of taping on the shoulders of AFL football players. 

Szomor ZL, Murrell GAC, Appleyard RC, Tyler MJ: 
Meniscal repair with a new biological glue: An Ex Vivo Study. 

4. Other published material (books, book chapters, reviews,) (Not to include conf abstracts)


5. Presentations at Scientific Meetings/Conferences

National

RB Molnar, M Alfredson. To validate acetabular cup placement in total hip arthroplasty (THA) using CAS (computer assisted surgery). AOA NSW branch meeting, 2010.


Predictors of patient and surgeon satisfaction after orthopaedic trauma. Alan Dao, Ian Harris, Jane Young, Bin Jalaludin, Michael Solomon Read at Annual Meeting of American Academy of Orthopaedic Surgeons Las Vegas, 24-28 February, 2009

Surgical management of hip fractures in older patients as non-emergent cases Sam Adie, Ian Harris, Lynette McEvoy, Lyndal Thorne, Justine Naylor Poster presentation at Annual Meeting of American Academy of Orthopaedic Surgeons Las Vegas, 24-28 February, 2009
Read at NSW AOA Annual Scientific Meeting Sydney, 21 August, 2009

Cryotherapy after total knee replacement: a systematic review and meta-analysis of RCTs Sam Adie, Justine Naylor, Ian Harris Read at NSW AOA Annual Scientific Meeting Sydney, 21 August, 2009

Predictors of outcome in orthopaedic trauma. Ian Harris Read at Austrauma 2009, Darling Harbour, Sydney, 12-14 February, 2009

Geriatricians are from Mars, Orthopaedic surgeons are from Venus. Ian Harris Read at Aged Care Network Orthogeriatric Symposium Sydney, 18 February, 2009


Open tibia fractures: fixation options. Ian Harris Read at International Trauma Symposium Berlin, 7-8 May, 2009

Subtrochanteric non-unions. Ian Harris. Read at International Trauma Symposium Berlin, 7-8 May, 2009

Subtrochanteric insufficiency fractures associated with prolonged alendronate therapy. Joe Isaacs, Louis Shidiak, Ian Harris, Zoltan Szomor Read at AOA Annual Scientific Meeting Cairns, 11-15 October, 2009
Pulsed electromagnetic field stimulation for acute tibia fractures: initial results from a multicentre double blind randomized controlled trial. Sam Adie, Ian Harris, Hamish Rae, Sarah Yong, Alan Dao
Read at NSW AOA Annual Scientific Meeting Sydney, 21 August, 2009 (winner of best paper prize)
Read at AOA Annual Scientific Meeting (winner of Philip Segelov Award for best paper by a trainee)
Cairns, 11-15 October, 2009

Non-operative treatment of patella fractures without splinting. Andrew Kanawati, Ian Harris, Sam Adie
Read at NSW AOA Annual Scientific Meeting Sydney, 21 August, 2009
Read at AOA Annual Scientific Meeting Cairns, 11-15 October, 2009

Operative versus non-operative treatment for thoracolumbar burst fractures without neurological deficit: individual patient data meta-analysis. Sonali Gnanenthiran, Sam Adie, Justine Naylor, Ian Harris
Read at NSW AOA Annual Scientific Meeting Sydney, 21 August, 2009
Read at AOA Annual Scientific Meeting Cairns, 11-15 October, 2009

Practice variation in common orthopaedic presentations: a survey of Australian orthopaedic surgeons.
Umair Ansari, Sam Adie, Ian Harris. Read at NSW AOA Annual Scientific Meeting Sydney, 21 August, 2009
Read at AOA Annual Scientific Meeting Cairns, 11-15 October, 2009

Sliding hip screw or Gamma nail for extracapsular hip fractures? A re-analysis of a Cochrane review using individual patient data. Sam Adie, Ian Harris, Justine Naylor. Read at NSW AOA Annual Scientific Meeting Sydney, 21 August, 2009

The Australian Arthroplasty Thromboprophylaxis Survey. Michael Millar, Rob Molnar, David Campbell, Ian Harris. Read at AOA Annual Scientific Meeting Cairns, 11-15 October, 2009


1. Departmental Staff

Head of Department
David Lawson Morris MB ChB FRCS MD PhD FRACS (Professor of Surgery, UNSW)

Senior Medical Staff
Frank Chu MBBS FRACS
Seema Bagia MBBS FRACS

Research Staff
Principal Scientist
Mohammad Pourgholami (M. Pharm; PhD, MIPS)

Senior Scientist
Javed Akhter (PhD)

Research Assistants
Samina Badar (MSC)

Research students
Ahmed Mekkway
Anahid Ehteda
Krishna Pillai
Parvin Ataie
Farnaz Bahrami

Nursing Staff
Peritonectomy CNCs
Vanessa Saunders
Helen Kennedy

Database Manager/Equipment Technician
Jing Zhao
2. Research Grants#

National, peer reviewed
Source: AUS Industries
Principal investigators: Prof David Morris
Project title: Clinical Trial of Albendazole for Malignant Ascites
Total awarded; years funded: $800K; 2007-2009

Other funding:
UNSW Foundation /David Morris Liver Cancer Research Fund
Source: Donations
Total: $35,815

Peter Laurence Kirby Fund for Research into Pseudomyxoma peritonei
Source: Donation
Total: $500,000

3. Research Projects in Progress

Topic: Evaluation of tertracyclines as potential agents for the treatment of peritoneal mesothelioma
Principal investigators: Mohammad Pourgholami, David Morris

Topic: Gender disparity in peritoneal mesothelioma
Principal investigators: David Morris, Krishna Pillai, Mohammad Pourgholami

Topic: Evaluation of minocycline as an antiangiogenic, antitumor agent
Principal investigators: Mohammad Pourgholami, David Morris

Topic: Minocycline for the treatment of ovarian cancer and malignant ascites formation
Principal investigators: Mohammad Pourgholami, Parvin Ataie, David Morris

Topic: Pharmacological evaluation of minocycline: unveiling the therapeutic potentials
Principal investigators: Mohammad Pourgholami, Farnaz Bahrami, David Morris

Topic: Systemic delivery of albendazole for the treatment of cancer
Principal investigators: David Morris, Anahid Ehteda, Mohammad Pourgholami
4. Original Peer-Reviewed Publications

Adie S, Yip C, Chu F, Morris DL.
Resection of liver metastases from colorectal cancer: does preoperative chemotherapy affect the accuracy of PET in preoperative planning?

Cao C, Yan TD, Liauw W, Morris DL.
Comparison of optimally resected hepatectomy and peritonectomy patients with colorectal cancer metastasis.

Chu SWL, Badar S, Morris DL, Pourgholami MH.
Potent inhibition of tubulin polymerisation and proliferation of paclitaxel-resistant 1A9PTX22 human ovarian cancer cells by albendazole.

Chua TC, Akhter J, Yao P, Morris DL.
In vivo model of pseudomyxoma peritonei for novel candidate drug discovery.

Chua TC, Yan TD, Morris DL.
Outcomes of cytoreductive surgery and hyperthermic intraperitoneal chemotherapy for peritoneal mesothelioma: The Australian Experience.

Chua TC, Yan TD, Ng KM, Zhao J, Morris DL.
Significance of lymph node metastasis in patients with colorectal cancer peritoneal carcinomatosis.

Chua TC, Yan TD, Smigielski ME, Zhu KJ, Ng KM, Zhao J, Morris DL.

Chua TC, Yao P, Akhter J, Young L, Bao S, Samaraweera U, Yan TD, Morris DL.
Differential expression of Ki-67 and sex steroid hormone receptors between genders in peritoneal mesothelioma.

Ding JH, Chua TC, Glenn D, Morris DL.
Feasibility of ablation as an alternative to surgical metastasectomy in patients with unresectable sarcoma pulmonary metastases. (Case Report - Thoracic oncologic).
Haghighi KS, Glenn D, Gruenberger T, Morris DL. 
Extending the limits for curative liver resections by portal vein embolisation. 

Huo ASY, Morris DL, King J, Glenn D. 
Use of percutaneous radiofrequency ablation in pulmonary metastases from renal cell carcinoma. 

Koh JL, Yan TD, Glenn D, Morris DL. 
Evaluation of preoperative computed tomography in estimating peritoneal cancer index in colorectal peritoneal carcinomatosis. 

Ng KM, Yan TD, Black D, Chu F, Morris DL. 
Prognostic determinants for survival after resection/ablation of a large hepatocellular carcinoma. 

Inhibition of cell proliferation, vascular endothelial growth factor and tumor growth by albendazole. 

Saxena A, Yan TD, Chua TC, Fransi S, Almohameed K, Ahmed S, Morris DL. 

Cytoreductive surgery and hyperthermic intraperitoneal chemotherapy for malignant peritoneal mesothelioma: Multi-institutional experience. 

Zhu JC, Yan TD, Glenn D, Morris DL. 
Radiofrequency ablation of lung tumors: Feasibility and safety. 

Zhu KJ, Morris DL. 
Primary peritoneectomy / HIPEC for disseminated peritoneal adenomucinosis achieves much lower recurrence rates and better survival than secondary procedures. 
5. Other published material


7. Presentations at Scientific Meetings/Conferences

International

1st International Conference & Workshop on Up to Date Obstetrics & Gynecology at King Fahad Medical City, Riyadh 13th -15th April 2009
Peritonectomy role in advanced/recurrent ovarian cancer.

National Symposium on Update of Oncology & Lymphoma at King Fahad Specialist Hospital Buraidah, Al Qassim & Prince Faisal Bin Bandar Cancer Centre, 8th April 2009
Cytoreductive surgery

The 5th Scientific Conference for Saudi General Surgery Society, 19-21 October 2009, King Fahad Medical Research Centre, King Abdulaziz University Jeddah
Peritonectomy for colorectal cancer, pseudomyxoma peritonei peritoneal mesothelioma and ovarian cancer.

Annual Cancer Symposium Society of Surgical Oncology, 5th March 2009 – Phoenix Arizona, USA
Poster Presentation:
Chua TC, Yao P, Akhter J, Young L, Bao S, Samaraweera U, Yan TD, Morris DL. Differential expression of Ki-67, estrogen receptor, and progesterone receptor between genders in peritoneal mesothelioma: An immunohistochemistry study that provides a plausible explanation for the better prognosis in females?

ASCO Annual Meeting Abstracts, May 29-June 2, 2009 – Orlando, FL
Poster Presentation:

International Liver Cancer Association Third Annual Conference (ILCA) at the HCC Milan Conference, September 4-6, 2009, Milan, Italy
Oral Presentation:
National

Improving the cancer patient’s journey in Australia

The Dynamics of an award winning integrated cancer centre:
Panel Discussion:
• What facilities and services make an integrated cancer centre “award winning”?

Perfecting cancer care facility performance:
• Surgical Oncology – what is needed and why?
• Effect of hospital/surgeon volume
• Operative mortality
• 5 yr survival
• Oesophagectomy
• Colorectal cancer
• Pancreatic cancer
• Liver resection
• Peritoneectomy

Royal Australasian College of Surgeons Annual Scientific Congress, May 6, 2009 – Brisbane, Australia
Oral Presentation:
• Saxena A, Morris DL. Risk factors for massive blood transfusion after cytoreductive surgery and perioperative intraperitoneal chemotherapy.

Poster Presentation:
• Saxena A, Morris DL. Preoperative and operative risk factors for complications after cytoreductive surgery and perioperative intraperitoneal chemotherapy for pseudomyxoma peritonei.

Medical Legal Conference, Amora Hotel, Jamison St, Sydney 24 July 2009
Oral Presentation:
• Maunic M, Morris DL. Colon cancer.
DEPARTMENT OF VASCULAR SURGERY

1. Departmental Staff

Head of Department
K C Hanel MB BS FRACS DDU

Visiting Medical Officers
E Farmer MB BS FRACS DDU
L D Lemech MB BS FRACS DDU
G McMullin MB BS FRACS FRCS DDU
J Iliopoulos MB BS (Hons) FRACS PhD

Vascular Trainee
M Krishnaswamy
N Andrawis FRACS

2. Research Projects in Progress

Prospective evaluation of a model to predict outcomes following Endovascular Aortic Aneurysm Repair. R Fitridge (QEH, Adelaide), L D Lemech
Managing trauma in the austere environment: a project for special operations command of the Australian army. J Iliopoulos, W R Walsh (S&ORL NSW)

Adhesions in lumbar spine surgery. J Iliopoulos, W R Walsh (S&ORL NSW)

Training of Defense Force staff in simple tissue handling procedures in a sheep carcass model. J Iliopoulos, W R Walsh (S&ORL NSW)

1. Departmental Staff

Head of Department
Richard Morris MBBS FANZCA

Senior Medical Staff
Staff specialists
Maggie Bailey BMBS FANZCA Lecturer Conjoint UNSW
Chimene Bhar MBBS FRCA
Neil Bradburn MBBS FANZCA Lecturer Conjoint UNSW
Peter Cox MBBS FANZCA
Marie Dreux BMBS FANZCA Lecturer Conjoint UNSW
Anthony Lewis PhD MB BCh FRCA FANZCA
Liz Mackson MBBS FANZCA
Andrew Mcdonald MBBS FANZCA
Peter Nay MBBS FRCA FANZCA
Pauline Paton MBBS FANZCA
Sharon Tivey MBBS FANZCA Lecturer Conjoint UNSW
Anica Vasic MBBS FANZCA

Visiting Medical Officers
Andrew Armstrong MBBS FANZCA Lecturer Conjoint UNSW
Philip Black BMBS FANZCA
Peter Brennan MBBS FANZCA
Michael Cooper BMBS FANZCA
Daniel Cox BMBS FANZCA
Vincent DaSilva MBBS FANZCA
Cyrus De Souza MBBS FANZCA
Tamara Eichel MBBS FANZCA
Robert Fabian MBBS FANZCA
Salwan Fransi MBBS FANZCA Lecturer Conjoint UNSW
David Goodie MBBS FANZCA
Rajiv Gupta MBBS FANZCA
Andrew Guy MBBS FANZCA
Simon Harper MBBS FANZCA
Drew Heffernan MBBS FANZCA
Michael Henderson MBBS FANZCA
Robert Higgs MBBS FANZCA
Cameron Hunt MBBS FANZCA
Gerhard Labuschagne MB ChB MMed(Anest) FCA(SA) FANZCA
Harold Lam MBBS FANZCA
Mike Lambros MBBS FANZCA
Ben Ma MBBS FANZCA
Bobby Manasiev MBBS FANZCA
Joanne Momsen MBBS FANZCA
Jodi Murphy MBBS FANZCA
Manu Narayanaswamy MBBS FANZCA
Neeraj Pal MBBS FANZCA
Pamela Salerno MBBS FANZCA
Mark Stewart MBBS FANZCA
Sue-Ann Wan MBBS FANZCA
David Ware MBBS FANZCA

Fellows
Roger Bloomer MB ChB FRCA
Matthew Coady MBBS
Mark Higney MB ChB FRCA
Maggie Jedlicka MBBS
Ting Ting Liu MBBS

Registrars
Colleen Bruce MBBS
Grace Chieng MBBS
Alex Fang MBBS
Martin Graves MBBS
Robert Heavener MBBS
Maryam Hezar MBBS
Suyen Ho MBBS
Timothy Holliday MBBS
Rosa Hou MBBS
Brendan Irvine
MBBS Michael
Kerr MBBS
Gisele Mouret MBBS
Neil Vanza MBBS
Brett Wells MBBS
Gordon Wong MBBS
2. Research Projects in Progress

Topic: Audit of Central Venous Catheter placement
Principal investigators: Anthony Lewis and Alex Fang
Status Completed and presented at Departmental Meeting in September 2010

3. Original Peer-Reviewed Publications

Rathore KS, Cooper MG, Manganas C.
Limited excision of a right atrial lipoma.

4. Other published material


5. Presentations at Scientific Meetings/Conferences

International Medical Development Programs – Australian & New Zealand College of Anaesthetists.
Cooper MG. 2nd International Medical Aid Symposium, Royal Australasian College of Surgeons, Melbourne, 21st August, 2009.
DEPARTMENT OF TRAUMA

1. Departmental Staff

Head of Department
Dr Mary Langcake (Trauma)

Senior Nursing Staff
A/Prof Kate Curtis (Trauma) RN, PhD
Trauma clinical nurse consultant
Conjoint A/Prof UNSW, Senior Research Fellow (The George Institute for International Health), Senior Research Fellow (IRMC UNSW), Clinical A/Prof (Sydney Nursing School)

Junior Medical Staff
Dr Caesar Okello MBBS (Trauma fellow)
Dr Mark Macaranas MBBS (Surgical trainee)
Dr Allan Kwok MBBS (Surgical trainee)

Nursing Research Staff
Sarah Kourouche RN, Ms Nurs Emergency (trauma clinical nurse specialist)
Alana Clements RN, Cert Nurs Crit Care/Emergency (trauma clinical nurse specialist)

Research Staff
Taneal Wiseman RN, PhD candidate (Trauma clinical nurse consultant)

2. Research Grants

Other funding

St George Medical Research Foundation Establishment Grant. (2009 $10,000)
Cost of Trauma in NSW. Curtis K, Myburgh J, Langcake M.

College of Nursing Consortium Fund Research Grant. (2009 $30,000)
Depression, Anxiety and Stress in major trauma patients. Curtis K, Foster K

Post Doctoral Fellowship in Trauma (2009-2011 $133,000)
Cost of Trauma in NSW and trauma program of research. Curtis K
3. Research Projects in Progress

Cost of trauma
Curtis, Black & Myburgh

The accuracy of AN-DRG cost weight in describing the trauma patient LOS and direct costs.
Curtis, Black, Lam & Dickson

Comparison of radiation exposure of trauma patients from diagnostic radiology procedures before and after the introduction of a ‘panscan’ protocol
Asha, Smart, Compagnoni, Taylor & Curtis

Trauma Patient Outcomes in South East Sydney Illawarra.
Curtis K, Mitchell R, Chong S, Langcake M

Long-term trauma outcomes data collection: NSW pilot study

Sex differences in trauma
Dr Murray Fisher & Clinical A/Prof Kate Curtis

The relationship between mental health and major trauma patients of an Australian Trauma Centre: A mixed methods explanatory study.
Wiseman, Curtis & Foster.

What makes an emergency nurse? An investigation into personality profiles and retention
Kennedy, Curtis, Waters & Hyde.

The scribe nurse in major trauma: Does level of experience improve quality of documentation and leadership?
Curtis, Clements, Horvat & Langcake.

Coagulation studies and alterations correlating to ABG results
Higney, Wong, Curtis & Morris

Evaluation of a structured assessment model for emergency nurses (ENAF)
Curtis, Murphy, Hardy, Buckley & Lewis

Rear Seat Safety Project
Brown, Hatfield & Curtis

Incidence, management and outcome of Hypothermia in Trauma Patients: The experience of a Level 1 trauma centre
Macaranas, Curtis, Langcake, Okello
Trauma registry data: how representative is it for road traffic injury surveillance?
Mitchell, Curtis & Williamson

Subdural Haemorrhage in older persons: a comparison of outcomes between those on anticoagulants at the time of injury and those not.
Asha, Keady, Curtis & Kohan

Does the use of patient controlled analgesia in blunt thoracic trauma reduce complications and improve outcome?
Asha, Curtis, Kwok, Langcake

4. Original Peer-Reviewed Publications

Ursic C, Curtis K, Zou Y, Black D
Improved trauma patient outcomes after implementation of a dedicated trauma admitting service. Injury. 2009; 40:99-103

Curtis K., Dickson C, Black D & Nau T

Curtis K, Murphy M, Hoy S & Lewis M

5. Presentations at Scientific Meetings/Conferences

International invited

National Invited

Curtis K October 7-10 2009 (Gold Coast) The great debate – the future of Emergency Nursing. 7th International Conference for Emergency Nursing. CENA.

Curtis K October 30th 2009 (Sydney) Critical Aspects of trauma nursing care. ANZICS/ACCCN. Asia Pacific Critical Care Congress.

Langcake M May 1st (Wollongong) Trauma On The Coast, NSW Institute of Trauma and Injury Management

Conference papers


Curtis K, Olivier J, Rankin T, Cook A, Rana A & Nau T (2009) Evaluation of a tiered trauma system in an Australian Level 1 Trauma Centre. 7th International Conference for Emergency Nursing. CENA. October 7-10 2009, Gold Coast, Queensland

Curtis K The cost of trauma in NSW. Emerging Health Policy Research Annual Conference 18th August 2009, Darlington Centre, University of Sydney


Rana A, Ling M, Curtis K & Nau T (2009) Non operative management of high grade splenic injury: review of factors leading to high spleen salvage rate in a level 1 trauma Centre. Combined Australasian Trauma Society and Trauma Association of Canada Annual Scientific Meeting, Auckland Convention Centre, Auckland, New Zealand, March 5-7 2009
6. Community Engagement

St George Hospital Trauma Service hosts 4 Early Management of Severe Trauma courses a year. The EMST course is a 2.5 day intensive course in the management of injury victims in the first 1–2 hours following injury. It is adapted from the Advanced Trauma Life Support (ATLS®) course of the American College of Surgeons. The emphasis is on developing life saving skills and a systematic clinical approach. It is designed for all doctors who are involved in the early treatment of serious injuries in urban or rural areas, whether or not sophisticated emergency facilities are available. On each course 4 nurse observers participate also.

Dr Langcake has also presented trauma topics to the Lions Club, the Lamrock Committee and the Medical Women’s Society of NSW.

Since 2004 St George Hospital Trauma and Allied Health services have joined together to offer local seniors (aged 50 years and older) a Safety Seminar providing tips on home safety, access to information, and community resources and products that will help them to prevent falls and injuries. This very successful free seminar is held at St George Leagues Club.

PAIN MANAGEMENT UNIT

Departmental Staff

Head of Department
Anica VASIC MBBS FANZCA Conj Lecturer UNSW

Senior Medical Staff
Staff specialists
Peter COX MBBS FANZCA FFPMANZCA

Junior Medical Staff
Anaesthesia Advanced trainee on rotation Dept Anaesthetics St George
1. Departmental Staff

Head of Department
Prof Beng H Chong, MBBS, PhD(Syd), FRACP, FRCPA, FRCP (Professor of Medicine, UNSW)

Senior Consultant Staff
Prof Szu-Hee Lee, MA (Cambridge), MBBChir (London), PhD, FRCPA, FRCPath, FRCPEdin, FRACP (Conjoint Professor of Medicine, UNSW)
Dr Michael Harvey, MBBS, PhD, FRACP, FRCPA (Conjoint Senior Lecturer, UNSW)
Dr Sunda Ramanathan, MBBS, FRACP, FRCPA
Dr Shir-Jing Ho MBBS, FRACP, FRCPA.
Fernando Roncolato MBBS, FRACP, FRCPA (locum)
Dr Amanda Hugman, MBBS, FRACP, FRCPA

Junior Medical Staff
Dr. Danny Hsu (Advanced Trainee, Clinical)
Dr. Kyle King (Advanced Trainee, Clinical)
Dr Nag Sungala (Advanced Trainee, Laboratory)
Dr Matthew Ku (Advanced Trainee, Laboratory).
Dr. Zianab Alarimi (Overseas fellow from Oman)

Research Staff
Dr Xing-Mai Jiang, PhD (Post-doc scientist)
Dr Jose Perdomo, BSc Hons, PhD (Post-doc scientist)
Dr Simon Liang, PhD (Post-doc scientist)
Dr. Jim Fang, PhD (Post-doc scientist)
Zohra Ahmedi BSc Hons (Research assistant)
Dr Arend Isaacs (Research Fellow)
Dr Nicola Chapman BS Hons, PhD (Project manager, CTBR);

Research Students
Daniel Carter (PhD student)
Shen –Yee Liu (PhD student)
Jia Yin New (PhD student)
Steven Lasar (Hons student)
Nathalie Tjen (Hons student)
Clinical Trial Unit
Roslyn Ristuccia, MSc Trial Unit manager;
Sarah Davidson RN, (trial nurse)
Lorraine King RN (TSH); (trial nurse)
Margaret Loizou BSc (study coordinator)
Karina Chui RN (trial nurse)
Elena Simon BSc (study coordinator)
Kareen Fierro (trial assistant)

2. Research Grants

National, peer reviewed

Source: NHMRC. $11,945,128.00; 2007-2011

Other funding

Covidien, $20,000.00. Year: 2009
Chong, Beng H; Chapman N;
Project title: A study of VTE prophylaxis in patients with chronic heart failure and chronic respiratory diseases in the community.

Boehringer Ingelheim. $50000; 2009-2010
Chong, Beng H; Chapman N;
Project title: Research to increase knowledge on thrombosis related disorders in surgical and medical patients.

St George and Sutherland Medical Research Foundation
Grant to Dr Simon Liang $20,000
3. Research Projects in Progress

Generation of a humanized scFv and its evaluation for treatment of heparin-induced thrombocytopenia and thrombosis.
Chong BH, Perdomo J, Jiang X-M.

Characterization of nuclear import and transcription regulation of NFE2.

In vivo animal model of investigation of drug-induced and primary immune thrombocytopenia
Chong BH, Simon Liang;

Characterization of nuclear import, SUMOylation and transcription regulation of FOG2, cardiac transcription factor
Chong BH, Perdomo J.

Understanding Hospital Physicians Perspectives and Attitudes towards the implementation of Venous Thromboembosis Prophylaxis.
Nicola Chapman, Marissa Lassere, Margaret Fry, Beng H Chong.

Investigation of bleeding risk factors in medical patients – multicentre study.
Décousus H, Tapson V, Bergmann J-F, Chong BH, Froehlich J, Kakkar A

Differentiation and migration of Sca-1+/CD31- cardiac side population cells in a murine myocardial ischemic model.
Chong BH, Liang SX.

IFI-16, a novel gene that mediates molecular regulation of megakaryocyte differentiation.
Chong BH, Perdomo J, Lacey Johnson.

Molecular mechanism of heparin-induced thrombocytopenia

Characterization of the hematopoietic oncogene, GATA-1.
Chong B, Feng Yan, Perdomo J.

Validation that clinical use of best practice guidelines for venous thrombo-embolism prevention leads to improvement in health outcomes.
Chong BH, Nicola Chapman, Marissa Lassere.

A pattern of care cohort study of Venous Thromboembolism (VTE) treatment for compliance with international guidelines
Chong BH, Nicola Chapman
Heparin-induced thrombocytopenia (HIT): Characterization of the pathogenic and non-pathogenic antibodies, and studies to improve laboratory diagnosis and treatment
Chong BH, Isaacs A

Vancomycin-induced thrombocytopenia in hospitalized patients
Chong BH, Chapman NH

4. Original Peer - Reviewed Publications


Chong, BH. Primary immune thrombocytopenia: Understanding pathogenesis is the key to better treatments, Journal of Thrombosis and Haemostasis, 2009; 7: 319 - 321.


5. Other Published Material

6. Presentations at Scientific Meetings/Conferences


Steven Lazar, Nicola Chapman, Marissa Lassere, Margaret Fry, Beng H Chong. Understanding Hospital Physicians Perspectives and Attitudes towards the implementation of Venous Thrombosis Prophylaxis. Proceedings of the Annual Meeting of Australian New Zealand Society of Haematology, Adelaide, October, 18th-21st, 2009

7. Community Engagement

Centre for Thrombotic and Bleeding Disorder Research website: Venous thromboembolism (VTE) support group providing advice to community on prevention and treatment of VTE
DEPARTMENT OF MEDICAL ONCOLOGY

1. Departmental Staff

Head of Department
Dr Kiran Phadke FRACP FRCPA

Staff Specialists
A/Prof Winston Liauw FRACP
A/Prof Matthew Links FRACP
Dr Paul de Souza FRACP
Dr Jodi Lynch FRACP
Dr David Thomas FRACP
Dr Chee Lee FRACP
Dr Patricia Bastick FRACP

2. Research Grants

National, peer-reviewed

Prostate Cancer Foundation of Australia. $450,000 (2010-2012)
A translational and pharmacokinetic study of a novel, orally-active targeted treatment for hormone refractory prostate cancer.
der Souza PL, Scott K, Graham G, young P, Liauw W, Russell P.

Cancer Australia and Prostate Cancer Foundation of Australia, NHMRC $584,000 (2009-10)
Preclinical evaluation of novel prostate-targetted nanoparticles for imaging primary and metastatic prostate cancer.
Russell PJ, Bucci J, de Souza P, Khatri A

Other Grants

St George and Sutherland Medical Research Foundation Seed Grant $20,000
A quantitative assay for novel compounds that show promise as oral treatments for advanced prostate cancer.
Scott KF, Graham G, Liauw W, de Souza P.

UNSW Gold Star Award $40,000
Clinical trial of a novel, orally-active, secreted phospholipase A2 inhibitor for the treatment of prostate cancer
3. Research Projects in Progress

Assessment of DCE-MRI for brain tumours
Xiang Jie Lay, Foster S, You D, P de Souza

Quality of life, hope, and spirituality in cancer patients with varying prognoses
Man J, Hogan S, Shin S, de Souza P

Synergism in renal cancer cell lines using angiogenesis inhibitors.
Man Kong Chin, Shaojuan Li, de Souza P

A phase 1 study of RAD001 (everolimus) in combination with fluvastatin and zoledronic acid in patients with solid tumours.
Lemech C, Pene C, Fontela A, de Souza P

Modulation of Akt phosphorylation by isoprenylation inhibitors.
Shaojuan Li, P de Souza (PI)

4. Original Peer-Reviewed Publications

de Souza PL, Russell PJ, Kearsley JH.

McPherson RAC, Galettis PT, de Souza PL.
Enhancement of the activity of phenoxodiol, a synthetic isoflav-3-ene, by cisplatin in prostate cancer cells.

Crombie C, Burns WI, Karapetis C, Lowenthal RM, Kirsten F, Davidson JA, Abell F, Reece WHH, Iglesias J, de Souza P.A
Randomized Phase II Trial of Gemcitabine and Either Day 1 or Day 8 Carboplatin for Advanced Non-Small Cell Lung Cancer. Asia Pacific Journal of Clinical Oncology, Published online 24 Feb 2009; 5: 24–31


Analysis of PTEN and HIF-1α and Correlation with Efficacy in Patients with Advanced Renal Cell Carcinoma Treated with Temsirolimus Versus Interferon-α. Cancer 2009;115(16):3651-60


5. Presentations at Scientific Meetings/Conferences


6. Community Engagement

1. Involvement with Prostate Cancer Institute for improvement of prostate cancer services at St. George Cancer Care Centre

2. Involvement with the community in extension of Sutherland Hospital’s Oncology Unit for additional psychology, allied health services and bereavement facilities, as well as education
1. Departmental Staff*

Head of Department
Professor J H Kearsley MBBS (Hons Syd) FRACP FRANZCR PhD (Qld)

Senior Medical Staff (staff specialists)
A/Professor Peter Graham  MBBS, FRANZCR, Cert Bioethics, Grad Dip Medical Statistics
Dr Joseph Bucci MBBS FRACP FRANZCR
Dr Catherine Clark  MBBS FRANZCR
Dr Yaw Chin BSc (Med)FRANZCR

Junior Medical Staff
Dr Nadine Beydoun
Dr Megan Berry
Dr Penny Magoulas
Dr Annie Lee

Research Staff
Peter Fink, Clinical Trials Unit Manager – Radiation Oncology
Helen Cox – Clinical Research Co-ordinator
Sima Don - Clinical Research Co-ordinator
Manuela Glinski-Smith - Clinical Research Co-ordinator
Kylie Melki - Clinical Research Co-ordinator
Xiaolu Wang - Clinical Research Co-ordinator

Senior Research Staff
Dr Yong Li PhD, MSc BM
Dr Lois Browne BSc, PhD, GDip Med Stats, MMed Stats, AStat
A/Prof Raymond Clarke PhD
Prof Barry Allen
Professor Anatoly Rosenfeld PhD

Research Assistants
Z M Fang

Research Students - From Yong Li’s group
Julia Beretov: PhD student
Jingjing You: PhD student
Jingli Hao: PhD student
Weiwei Xiao: PhD student
Dr Paul de Souza : PhD student
Nursing Research Staff
Lydia Wong - Clinical Research Nurse

Administration
Jane Hagin - Administration Officer
Kareen Fierro - Clinical Trials Assistant
Megan Ristuccia - Administrative Assistant

Radiation Therapy Research Staff
Laurel Schmidt

Medical Physics Research Staff
Brad Oborn
Andrew Howie

2. Research Grants#

National, peer reviewed

Li Y. NHMRC Career Development Fellow (Level 2): Identification of novel biomarkers in urine to improve diagnosis and monitor progression in prostate cancer. $417,000 (2010-2014)


Clinical Trials Network Supported Studies
(NSW Cancer Council / NSW Cancer Institute)
Breast STARS Pilot Randomised Controlled Trial
Chief Investigator: P Graham
Year support commenced: 2007

The Cancer Institute
NSW Cancer Trials Network, Cancer Trials Nurses and Data Managers Grant
CISES103 25 Jan 05 Investigators: P Graham, P de Souza, D Gorman, M Links
2005-2007 NSW Cancer Institute
For $84,900 + $5000 first year, plus $84,900 renewable.
1.0 FTE Clinical Trials Nurse
NHMRC Project: ID573428
Rosenfeld A, Kron T, Conway M et al
High spacial resolution dosimetry for radioactive plaques used for radiotherapy of eye lesions.
2009 $139,750; 2010 $119,750; 2011 $94,750.

Chief Investigators: A Prof B Chua, Prof S Fox, A Prof G Delaney AProf M McKay, Dr P Schofield, A Prof I Campbell
Associate Investigators: Prof S Lakhani, Dr A Milner, A Prof P Graham Dr D Blakey, Dr J Harvey, A Prof D Christie, Dr E Millar.
NHMRC Project Grant 454390 (2007-2011)
Title: A randomized phase III study of radiation dose and fractionation schedules in non-low risk ductal carcinoma in situ (DCIS) of the breast.
Amount: $1,648,750

3. Research Projects in Progress

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<td>Respiratory - Lung (NSCLC)</td>
<td>TROG</td>
<td>Peter Graham</td>
<td>25/05/2000</td>
<td>31/07/2007</td>
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<td>Pulp Fiction</td>
<td>Pulmonary Fibrosis...</td>
<td>NA</td>
<td>Breast</td>
<td>STG - inhouse</td>
<td>Peter Graham</td>
<td>1/01/2003</td>
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<td>MA 20</td>
<td>A phase III study...</td>
<td>NCT00006957</td>
<td>Breast - Breast</td>
<td>NCIC CTG</td>
<td>Peter Graham</td>
<td>12/03/2004</td>
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<td>Follow-up only</td>
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<td>RADAR</td>
<td>Randomised trial...</td>
<td>NCT00193856</td>
<td>Urogenital - Prostate</td>
<td>TROG</td>
<td>Joseph Bucci</td>
<td>1/08/2004</td>
<td>16/08/2007</td>
<td>Follow-up only</td>
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<tr>
<td>Trial Nickname</td>
<td>Clinical Trials Conducted</td>
<td>Trial Registration</td>
<td>Tumour Grouping</td>
<td>Sponsor</td>
<td>Principal Investigator</td>
<td>Start Date</td>
<td>Recruitment End Date</td>
<td>Current Status</td>
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<td>STARS</td>
<td>STARS Pilot Breast Trial: A randomised comparison of Anastrozole commenced before and continues during radiotherapy if breast cancer versus Anastrozole and subsequent Anti-Oestrogen therapy delayed until after radiotherapy</td>
<td>NCT00126360</td>
<td>Breast</td>
<td>St George Hospital Peter Graham</td>
<td>Peter Graham</td>
<td>28/06/2005</td>
<td>15/09/2009</td>
<td>Follow up only</td>
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<td>TOAD</td>
<td>A collaborative randomised phase III trial: The timing of intervention with androgen deprivation in prostate cancer patients with a rising PSA.</td>
<td>NCT00110162</td>
<td>Urogenital - Prostate</td>
<td>CCVic, RANZCR TROG &amp; USA</td>
<td>Joseph Bucci</td>
<td>1/03/2006</td>
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<td>Recruiting</td>
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<td>PopART</td>
<td>Prospective Outcomes-analyses for localised Prostate Adenocarcinoma after Radiotherapy Treatment</td>
<td>NA</td>
<td>Urogenital - Prostate</td>
<td>St George Hospital</td>
<td>Joseph Bucci</td>
<td>1/06/2006</td>
<td>25/09/2008</td>
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<td>TOG 07.01 DCIS</td>
<td>A randomised phase III study of radiation doses and fractionation schedules in non-low risk ductal carcinoma in situ (DCIS) of the breast</td>
<td>NCT00470236</td>
<td>DCIS Breast Cancer</td>
<td>Peter Mac/TROG</td>
<td>Peter Graham</td>
<td>26/06/2007</td>
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<td>Recruiting</td>
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<td>RAVES</td>
<td>A phase III multi-centre randomised trial comparing adjuvant radiotherapy (rt) with early salvage rt in patients with positive margins or extraprostatic disease following radical prostatectomy</td>
<td>NCT00860652</td>
<td>Prostate</td>
<td>TROG</td>
<td>Joseph Bucci</td>
<td>29/04/09</td>
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<tr>
<td>WBRT</td>
<td>Whole Brain Radiotherapy following local treatment of intracranial metastases of melanoma - A randomised phase III trial</td>
<td>ACTRN1260700512426</td>
<td>Brain</td>
<td>ANZMTG</td>
<td>Peter Graham</td>
<td>01/07/10</td>
<td></td>
<td>Recruiting</td>
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<tr>
<td>TOG 08.06 STARS</td>
<td>A randomised comparison of Anastrozole commenced before and continued during adjuvant radiotherapy for breast cancer versus Anastrozole and subsequent anti-oestrogen therapy delayed until after radiotherapy</td>
<td>NCT00887380</td>
<td>Breast</td>
<td>TROG</td>
<td>Peter Graham</td>
<td>16/09/10</td>
<td></td>
<td>Recruiting</td>
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<tr>
<td>Testicular Cancer Validation Study</td>
<td>Patient-reported Outcome Monitoring in Testicular Cancer Patients</td>
<td>NA</td>
<td>Testicular Cancer</td>
<td>PoCoG</td>
<td>Joseph Bucci</td>
<td>26/10/10</td>
<td></td>
<td>Recruiting</td>
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<tr>
<td>Testicular Cancer Survivors Study</td>
<td>Understanding the long-term psychosocial sequelae of surviving testicular cancer</td>
<td>NA</td>
<td>Testicular Cancer</td>
<td>PoCoG</td>
<td>Joseph Bucci</td>
<td>26/10/10</td>
<td></td>
<td>Recruiting</td>
</tr>
</tbody>
</table>
4. Original Peer-Reviewed Publications


Chen H, Hao JL, Wang L, Li Y. Coexpression of invasive markers (uPA, CD44) and multiple drug resistance proteins (MDR1, MRP2) is correlated with epithelial ovarian cancer progression. Br J Cancer 2009;101:432-440


Graham PH, Martin RM, Browne LH. Communicating breast cancer treatment complication risks: when words are likely to fail. Asia Pacific J Clin Oncol 2009; 5(3): 193-199


Oborn, B.M, Metcalfe, PE, Butson, MJ, Rosenfeld, AB. High resolution entry and exit Monte Carlo dose calculations from a linear accelerator 6 MV beam under the influence of transverse magnetic fields. Med Phys, 36 (8), 3549-3559, 2009.


5. Other published material


6. Presentations at Scientific Meetings/Conferences

International


Hao JL, Madigan MC, Chen HM, Cozzi PJ, Delprado WJ, Li Y (2009). Is there a relationship between the expression of CD147 (EMMPRIN), CD44, multidrug resistance (MDR) and monocarboxylate


AMG 655 abstract describing the 295 study accepted for “publication only” by ASCO. 2006029: ASCO 2009

Kate Webber, Antoinette Fontela, Nina Bonner, Janet Bell, Joseph Bucci, Paul De Souza, Craig Lewis, Rina Hui, Peter Graham, Matthew Links. CRP predicts tolerance of treatment and overall survival with weekly carboplatin-paclitaxel and concomitant irradiation for locally advanced non-small cell lung cancer. ASCO 2009.


Penfold SN, Schulte RW, Bashkirov V, Rosenfeld AB. Fast and accurate proton computed tomography image reconstruction for applications in proton therapy, Medical Physics and Biomedical Engineering World Congress 2009 IFMBE Proceedings 25/1, O. Dössel and Schlegel (Eds.), 213–216 ff.


National

RANZCR/AIR/FRO/ACPSEM ASM Brisbane Oct 2009


Significant interactions that could be usefully publicised.
Li Y (2009)


The 20th Asia Pacific Cancer Conference. Tsukuba, Japan 12-14 Nov, 2009 (the chair of the section). (2009)

In May 2009, the Clinical Trials Unit, which includes the Department of Radiation Oncology as one of its departments, was one of 5 New South Wales trial units nominated by the Cancer Institute at the 2009 Premier’s Awards for Outstanding Cancer Research - for “Innovation in Clinical Trials”. The event was held on Thursday evening 21 May at the Exhibition Centre at Darling Harbour.
DEPARTMENT OF PALLIATIVE CARE SERVICES
(St George Hospital & Calvary Health Care)

1. Departmental Staff

   **Head of Department**
   Dr Jan Maree Davis B Med (Hons) FRACP FAcHPM

   **Senior Medical Staff**
   Dr Frank Brennan MB BS FRACP FAcHPM
   Dr Amy Waters MB BS FRACP FAcHPM
   Dr Judith Lacey FRACGP FAcHPM

   **Research Staff**

   Associate Professor Elizabeth Lobb, PhD, MAppSci, B.AdEd.
   Associate Professor of Palliative Care (Allied Health); Adjunct Associate Professor School of Medicine, University of Notre Dame; Adjunct Associate Professor of Psycho-oncology, WA Centre for Cancer & Palliative Care, Curtin University of Technology, Perth WA; Adjunct Associate Professor of Psych-oncology, School of Nursing, Midwifery and Post-Graduate Medicine, Edith Cowan University, Honorary Associate, NH&MRC Clinical Trials Centre, University of Sydney.

   Dr Christine Sanderson, BA, BMBS, MPH, FRACP.
   Staff Specialist in Palliative Medicine, Calvary Health Care Sydney; Research Fellow, CareSearch, Flinders University of South Australia; PACCSC (Palliative Care Clinical Studies Collaborative) investigator.

   **Nursing Research Staff**
   Ms. Annmarie Hosie, RN, Cert P.C., Masters Palliative Care

2. Research Grants

   **National peer reviewed**

   NHMRC  $122,111
   Group education program for family caregivers of people receiving palliative care in an inpatients setting
   Hudson P, Oldham L, Lobb EA, Auret K.
Other Funding

Cancer Institute NSW - Research Infrastructure Grant - $528,507
NSW Palliative Care Research Collaborative Group (IMPACCT)
Agar M, Davidson P, Clayton J, Good P, Lovell M, Sanderson C, Lobb EA.

St George Hospital $93,000
A study to explore factors which contribute to coping with uncertainty in patients diagnosed with incurable cancer.
Kearsley J, Lacey J, Lobb EA

Enhancement Fund UNSW $45,000
Attitudes and information needs of women newly diagnosed with breast cancer regarding treatment-focused genetic testing.

Strategic Research Partnership Grants – Cancer Council NSW $213,532
Psychological impact of hereditary cancer and the development and evaluation of effective patient education and decision support strategies.

3. Research Projects in Progress

A double-blind placebo controlled study of subcutaneous ketamine in the management of cancer pain (PACCSC multisite study)

Randomised control trial of oral risperidone, oral haloperidol, and oral placebo with rescue subcutaneous midazolam in the management of delirium in palliative care inpatients (PACCSC multisite study)

Observation Study of Nursing Clinical Handover in Palliative Care and Rehabilitation Wards at Calvary Health Care Sydney
Lobb, EA, Stranix, T. Moore, H., Harris, C., Richardson, B., Thornton, S, Barrett, M., Evans, M.

A study to explore factors which contribute to coping with uncertainty in patients with advanced cancer
Kearsley, J., Lacey, J., Lobb, EA, Liauw, W., Thomas, D.
Family Conferences in Palliative Care
Tobin, B., Ingham, J., Lobb, EA

Prevalence and predictors of long term psychological morbidity in bereaved cancer care-givers
Butow, P., Prince, M., Kristjanson, L.J., Lobb, EA.

Supportive Care Needs of Carers of Malignant Brain Tumour Patients
Price, M., Lobb, EA, Hovey, E.

4. Original Peer-Reviewed Publications


5. Presentations at Scientific Meetings/Conferences


1. Departmental Staff

**Head of Unit**
Associate Professor Peter Graham, MBBS, FRANZCR, Cert Bioethics, Grad Dip Medical Statistics
Clinical Trials Unit Director

**Staff Specialists**

*Medical staff specialist*

- **Oncology**
  Dr Joseph Bucci, MBBS, FRACP, FRANZCR
  Associate Professor Peter Graham, MBBS, FRANZCR, Cert Bioethics, Grad Dip Medical Statistics
  Professor John Kearsley, MB BS (Hons Syd) FRACP FRANZCR PhD (Qld)
  Dr Paul de Souza, MB BS, FRACP, MS
  Associate Professor Winston Liauw, MBBS MMedSci FRACP
  Associate Professor Matthew Links, MBBS (Syd) FRACP PhD
  Dr Jodi Lynch, BSc. MBBS (Hons) FRACP
  Dr David Thomas, MBBS FRACP

- **Haematology**
  Professor Beng Chong, MBBS, PhD, FRCP, FRACP, FRCPA
  Dr Michael Harvey, MB BS, PhD, FRACP, FRCPA
  Dr Sundra Ramanathan, MBBS, FRACP, FRCPA
  Dr Shir-Jing Ho, MBBS, FRACP, FRCPA
  Dr Fernando Roncolato, B Med FRACP FRCPA

**Research Staff**

*Oncology*
Peter Fink, Clinical Trials Unit Manager – Medical Oncology and Radiation Oncology
Helen Cox –Clinical Research Co-ordinator
Sima Don - Clinical Research Co-ordinator
Antoinette Fontela - Clinical Research Co-ordinator
Manuela Ginski-Smith - Clinical Research Co-ordinator
Mary Margaret Gozar - Clinical Research Co-ordinator
Tracy Liaw - Clinical Research Co-ordinator
Kylie Melki - Clinical Research Co-ordinator
Stephen Millard –Clinical Research Nurse
Linda O’Malley - Clinical Research Nurse
Shu Pan - Clinical Research Co-ordinator
Penny Taylor - Clinical Research Nurse
Lisa Wang - Clinical Research Co-ordinator
Xiaolu Wang - Clinical Research Co-ordinator
2. Research Grants

National Peer-reviewed.

Cancer Council NSW $418,140 over 3 years
Response of metastatic melanoma to bi-fold targeted alpha therapy of
tumour capillary pericytes and melanoma cells.

NHMRC Project Grant 454390 (2007-2011)
A randomized phase III study of radiation dose and fractionation schedules in non-low
risk ductal carcinoma in situ (DCIS) of the breast.
  CIs: Chua B, Fox S, Delaney G, McKay M, Schofield P, Campbell I.

Other Grants

Cancer Institute NSW – translational program grant $3,747,812 over 5 years
Anti-Mitochondrial Cancer Drugs
  Hogg P, Ward R, Dawes I, Lock R, de Souza P.

NHMRC Research Program Grant- $1,575,750 over 5 years
Using clinical and economic evidence to inform local decision making in cancer care

CTN-01-010 Awarded to Dr Matthew Links 1st Round 2002
0.5 FTE Study Nurse
Original value of grant: $32,000
Funding renewed 2003-2009
CTN-03-030 Awarded to Dr Tim Brighton- transferred to Assoc Professor Peter Graham 3rd Round 2005
3rd Round CTN Centre Funding for $33,000 for the employment of 0.5 FTE institutional cancer support person.

Clinical Trials Network Supported Studies
(NSW Cancer Council / NSW Cancer Institute)
Breast STARS Pilot Randomised Controlled Trial
Chief Investigator: P Graham
Year support commenced: 2007

NSW Cancer Trials Network, Cancer Trials Nurses and Data Managers Grant $174,800
FTE Clinical Trials Nurse Investigators: M Harvey, M Links
1.0 FTE Clinical Trials/Research Nurse Haematology

Cancer Australia and Prostate Cancer Foundation of Australia $584,000 (1/7/08-30/6/2010)
Russell PJ, Thierry B, Walsh BJ, Bucci J, de Souza P, Khatri A
“Preclinical evaluation of novel prostate-targeted nanoparticles for imaging primary and metastatic prostate cancer: This aims to develop antibody-targeted nanoparticles for increasing imaging sensitivity in prostate cancer”

NHMRC Using clinical and economic evidence to inform local decision making in cancer care
Investigators: R Ward, M Haas, R Viney, K van Gool, S Pearson, M Links, J Hall, B Stewart, N Board

St George Medical Research Foundation Seed Grant.
Scott KF, Graham G, Liauw W, de Souza P.
A quantitative assay for novel compounds that show promise as oral treatments for advanced prostate cancer. 2009.
### Clinical Trials Conducted

<table>
<thead>
<tr>
<th>Clinical Trials Conducted</th>
<th>Sponsor</th>
<th>Principal Investigator</th>
<th>Start Date</th>
<th>Recruitment End Date</th>
<th>Current Status</th>
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<tbody>
<tr>
<td>Tamoxifen for 5 years vs. Toremifene for 5 years with or without chemotherapy as adjuvant therapy for post/ perimenopausal, node positive, hormone receptor positive breast cancer patients</td>
<td>BCSG</td>
<td>de Souza</td>
<td>1/01/1996</td>
<td>1/01/1997</td>
<td>Follow up only</td>
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<tr>
<td>AC x 4 followed by CMF x 3 with or without a chemotherapy-free interval; +/- Tamoxifen for premenopausal patients with node positive breast cancer who are not suitable for endocrine therapy alone.</td>
<td>International breast cancer study group</td>
<td>de Souza</td>
<td>19/12/1996</td>
<td>4/08/1999</td>
<td>Follow up only</td>
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<tr>
<td>Adjuvant Therapy for Postmenopausal Patients with Operable Breast Cancer who have Estrogen Receptor or Progesteron Receptor Positive Tumors Tamoxifen vs. Letrozole vs. Tamoxifen followed by Letrozole followed by Tamoxifen.</td>
<td>BCSG/ Novartis</td>
<td>de Souza</td>
<td>1/03/1998</td>
<td>1/09/2006</td>
<td>Follow up only</td>
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<tr>
<td>Phase III randomised, multi-centre, international trial to determine the relation between dose and clinical activity of S1—S71 in patients with unresectable or metastatic malignant gastrointestinal stromal tumors expressing the c-kit receptor tyrosine ki</td>
<td>AGITG</td>
<td>Links</td>
<td>1/08/2001</td>
<td>1/02/2002</td>
<td>Follow-up only</td>
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<tr>
<td>Randomized phase III trial comparing docetaxel in combination with doxorubicin and cyclophosphamide (TAC) versus doxorubicin and cyclophosphamide followed by docetaxel (AC+T) as adjuvant treatment of operable breast cancer HER2-negative patients with</td>
<td>Aventis (fmrly Breast Cancer International)</td>
<td>Links</td>
<td>1/10/2001</td>
<td>1/10/2002</td>
<td>Follow-up only</td>
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<tr>
<td>Randomized phase III trial comparing doxorubicin and cyclophosphamide followed by docetaxel (AC+T) with doxorubicin and cyclophosphamide followed by docetaxel and trastuzumab (AC+TH) and with docetaxel, platinum salt and trastuzumab (TCH) in the adjuvant</td>
<td>Breast Cancer International</td>
<td>Links</td>
<td>1/10/2001</td>
<td>1/12/2004</td>
<td>Follow up only</td>
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<tr>
<td>CARBO/TAX: Wkly Carboplatin + Taxo and Concomitant RT for locally advanced NSCLC: Predictors of Rx Tolerance.</td>
<td>Bristol Myers Squibb/St. George Hospital</td>
<td>Matthew Links</td>
<td>1/10/2003</td>
<td>31/12/2006</td>
<td>Follow-up only</td>
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<td>A phase III trial evaluating the role of ovarian function suppression and the role of exemestane as adjuvant therapies for premenopausal women with endocrine responsive breast cancer.</td>
<td>ANZBCTG</td>
<td>Lynch</td>
<td>31/05/2006</td>
<td>Recruiting</td>
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<tr>
<td>A randomised phase II/III study design to evaluate the role of Mitomycin C, Avastin and Xeloda in patients with metastatic colorectal cancer.</td>
<td>AGITG</td>
<td>Liauw</td>
<td>1/04/2006</td>
<td>29/06/2007</td>
<td>Follow up only</td>
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<tr>
<td>An intergroup phase III trial to evaluate the activity of Docetaxel, given either sequentially or in combination with Docorubicin, followed by CMF in comparison to Docorubicin alone or in combination with Cyclophosphamide, followed by CMF in the adjuvant.</td>
<td>ANZBCTG</td>
<td>de Souza</td>
<td>2/02/1999</td>
<td>1/06/2001</td>
<td>Follow up only</td>
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<tr>
<td>Phase II, multi-centre, two-stage study utilising a randomised discontinuation design to evaluate the safety and efficacy of GW86034 in adult subjects with locally recurrent or metastatic clear-cell Renal Cell Carcinoma (RCC).</td>
<td>GlaxoSmithKline</td>
<td>de Souza</td>
<td>14/03/2006</td>
<td>14/09/2006</td>
<td>Active treatment (&amp; Follow-Up)</td>
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<td>Phase II trial of Patupilone plus prednisone versus Docetaxel plus prednisone in patients with metastatic hormone refractory prostate cancer.</td>
<td>Novartis</td>
<td>de Souza</td>
<td>20/09/2006</td>
<td>01/10/09</td>
<td>Follow up only</td>
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<tr>
<td>A phase Ib/2 study of AMG655 in combination with Paclitaxel and Carboplatin for the first line treatment of Advanced Non Small Cell Lung Cancer.</td>
<td>AMGEN</td>
<td>de Souza</td>
<td>20/07/2007</td>
<td>17/10/2008</td>
<td>Follow up only</td>
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### Research Projects in Progress

1. **3. Research Projects in Progress**
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<tr>
<th>Clinical Trials Conducted</th>
<th>Sponsor</th>
<th>Principal Investigator</th>
<th>Start Date</th>
<th>Recruitment End Date</th>
<th>Current Status</th>
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</thead>
<tbody>
<tr>
<td>CRAD001C2325: A randomised, double blind, placebo controlled, multi centre phase III study in patients with advanced carcinoid tumour receiving Sandostatin LAR® and RAD001 10mg/d or Sandostatin LAR® and placebo.</td>
<td>Novartis</td>
<td>Morris</td>
<td>31/07/2007</td>
<td>30/05/2008</td>
<td>Closed</td>
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<tr>
<td>A randomised comparative study of FOLFOX 6m plus SIR-Spheres versus FOLFOX6m alone as first line treatment in patients with non-resectable liver metastases from primary Colorectal Carcinoma.</td>
<td>SIRTEX</td>
<td>Winston Liauw</td>
<td>20/09/2007</td>
<td>1/12/2008</td>
<td>Follow up only</td>
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<td>The effectiveness of mindfulness group in reducing distress in radiation therapy patients.</td>
<td>St George Hospital</td>
<td>Thomas</td>
<td>5/12/2007</td>
<td>31/12/09</td>
<td>Closed</td>
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<td>A Phase I study of RAD001 (everolimus) in combination with fluorastin and zoledronic acid in patients with solid tumours.</td>
<td>Novartis</td>
<td>de Souza</td>
<td>18/06/2008</td>
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<td>Recruiting</td>
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<tr>
<td>A Randomised Trial of Temsirolimus and Sorafenib as Second-Line Therapy in Patients With Advanced Renal Cell Carcinoma Who Have Failed First-Line Sunitinib Therapy.</td>
<td>Wyeth</td>
<td>de Souza</td>
<td>19/02/2008</td>
<td></td>
<td>Recruiting</td>
</tr>
<tr>
<td>A Randomised, Double-blind, Multi-centre Phase II Study to Compare the Efficacy of AZD2171 in Combination with 5-fluorouracil, Leucovorin, and Oxaliplatin (FOLFOX), to the Efficacy of Bevacizumab in Combination with FOLFOX in Patients with Previously Untreated Colorectal Carcinoma.</td>
<td>AstroZeneca /quintile</td>
<td>Liauw</td>
<td>1/04/2008</td>
<td>13/12/2008</td>
<td>Active treatment (B &amp; Follow Up)</td>
</tr>
<tr>
<td>A phase II randomised study of brivanib alaninate (bms-582664) in combination with cetuximab (erbitux®) versus placebo in combination with cetuximab (erbitux®) in patients previously treated with combination chemotherapy for metastatic colorectal cancer.</td>
<td>NHMRC</td>
<td>Liauw</td>
<td>1/04/2008</td>
<td></td>
<td>Recruiting</td>
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<tr>
<td>A Phase I/II/1A Multiple Ascending dose study of BMS-777607 in subjects with advanced or metastatic solid tumours.</td>
<td>BMS</td>
<td>de Souza</td>
<td>1/04/2008</td>
<td>12/12/2008</td>
<td>Closed</td>
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<tr>
<td>Study VEG108844, a Study of Pazopanib versus Sunitinib in the Treatment of Subjects with Locally Advanced and/or Metastatic Renal Cell Carcinoma.</td>
<td>GSK</td>
<td>de Souza</td>
<td>5/12/2008</td>
<td></td>
<td>Recruiting</td>
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<tr>
<td>A phase II Biomarker Identification Trial for Erlotinib (Tarceva®) in Patient with advanced Pancreatic Carcinoma.</td>
<td>Roche</td>
<td>Liauw</td>
<td>12/12/2008</td>
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<td>Recruiting</td>
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<tr>
<td>A phase I, open-label, cohort study of multiple doses of Cavaletim (coxsackievirus a21) given intravenously to stage iv solid tumour cancer patients bearing icam-1 with or without daf expressing tumours.</td>
<td>Viralytics</td>
<td>Winston Liauw</td>
<td>01/10/09</td>
<td></td>
<td>Recruiting</td>
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<tr>
<td>A Prospective, Randomised, Double-Blind, Placebo-Controlled Phase II Study of Modafinil to Improve Fatigue and Quality of Life in Patients Treated with Docetaxel-Based Chemotherapy for Metastatic Breast or Prostate Cancer.</td>
<td>Sanofi-Aventis</td>
<td>Paul de Souza</td>
<td>02/11/09</td>
<td></td>
<td>Recruiting</td>
</tr>
<tr>
<td>A randomised comparison of breast conservation with or without lumpectomy radiotherapy boost.</td>
<td>St. George Hospital</td>
<td>Peter Graham</td>
<td>1/09/1996</td>
<td>26/06/2007</td>
<td>Follow-up only</td>
</tr>
<tr>
<td>A randomised trial investigating the effectiveness of different durations of maximal androgen deprivation prior to and during definitive radiation therapy for locally advanced carcinoma of the prostate.</td>
<td>TRoG</td>
<td>John Kearsley</td>
<td>26/08/1998</td>
<td>18/01/2002</td>
<td>Follow up only</td>
</tr>
<tr>
<td>Pulmonary Fibrosis following breast conservation adjuvant radiotherapy: the modifying effects of systemic therapies (chemotherapy and tamoxifen).</td>
<td>STG - inhouse</td>
<td>Peter Graham</td>
<td>1/01/2003</td>
<td></td>
<td>Recruiting</td>
</tr>
<tr>
<td>A phase II study of regional RT in early breast cancer (NCIC MA20).</td>
<td>NCIC CTG</td>
<td>Peter Graham</td>
<td>12/03/2004</td>
<td>2/02/2007</td>
<td>Follow up only</td>
</tr>
<tr>
<td>Randomised trial investigating the effect on survival and PSA control of different durations of adjuvant androgen deprivation in association with definitive radiation treatment for localised carcinoma of the prostate (RADA07).</td>
<td>TRoG</td>
<td>Joseph Bucci</td>
<td>1/08/2004</td>
<td>16/08/2007</td>
<td>Follow up only</td>
</tr>
<tr>
<td>Clinical Trials Conducted</td>
<td>Sponsor</td>
<td>Principal Investigator</td>
<td>Start Date</td>
<td>Recruitment End Date</td>
<td>Current Status</td>
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<td>-----------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>STARS Pilot Breast Trial: A randomised comparison of Anastrozole commenced before and continues during radiotherapy for breast cancer versus Anastrozole and subsequent Anti-Oestrogen therapy delayed until after radiotherapy.</td>
<td>St George Hospital</td>
<td>Peter Graham</td>
<td>28/06/2006</td>
<td>15/09/2009</td>
<td>Follow up only</td>
</tr>
<tr>
<td>A collaborative randomised phase III trial: The timing of intervention with androgen deprivation in postoperative patients with a rising PSA.</td>
<td>CCVic, RANZCR</td>
<td>Joseph Bucci</td>
<td>1/03/2005</td>
<td></td>
<td>Recruiting</td>
</tr>
<tr>
<td>Prospective Outcomes-analyses for localised Prostate Adenocarcinoma after Radiotherapy Treatment</td>
<td>St George Hospital</td>
<td>Joseph Bucci</td>
<td>1/06/2006</td>
<td>25/09/2008</td>
<td>Closed</td>
</tr>
<tr>
<td>A randomised phase III study of radiation doses and fractionation schedules in non-low risk ductal carcinoma in situ (DCIS) of the breast.</td>
<td>Peter Mac/ TROG</td>
<td>Peter Graham</td>
<td>26/06/2007</td>
<td></td>
<td>Recruiting</td>
</tr>
<tr>
<td>A phase II multicentre randomised trial comparing adjuvant radiotherapy (rt) with early salvage rt in patients with positive margins or extraprostatic disease following radical prostatectomy.</td>
<td>TROG</td>
<td>Joseph Bucci</td>
<td>29/04/09</td>
<td></td>
<td>Recruiting</td>
</tr>
<tr>
<td>Whole Brain Radiotherapy following local treatment of intracranial metastases of melanoma - A randomised phase III trial</td>
<td>ANZMTG</td>
<td>Peter Graham</td>
<td>01/07/10</td>
<td></td>
<td>Recruiting</td>
</tr>
<tr>
<td>A randomised comparison of Anastrozole commenced before and continued during adjuvant radiotherapy for breast cancer versus anastrozole and subsequent anti-oestrogen therapy delayed until after radiotherapy.</td>
<td>TROG</td>
<td>Peter Graham</td>
<td>16/09/10</td>
<td></td>
<td>Recruiting</td>
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<tr>
<td>Patient-Outcome Monitoring in Testicular Cancer Patients</td>
<td>PoCoG</td>
<td>Joseph Bucci</td>
<td>26/10/10</td>
<td></td>
<td>Recruiting</td>
</tr>
<tr>
<td>Understanding the long-term psychosocial sequelae of surviving testicular cancer</td>
<td>PoCoG</td>
<td>Joseph Bucci</td>
<td>26/10/10</td>
<td></td>
<td>Recruiting</td>
</tr>
<tr>
<td>Aspirin to prevent recurrent venous thromboembolism: A multi-centre, randomised, double-blind, placebo-controlled clinical trial examining the efficacy and safety of low-dose aspirin after initial oral anticoagulation to prevent recurrent venous thromboembolism.</td>
<td>NHMRC</td>
<td>Beng Chong</td>
<td>06-May-03</td>
<td></td>
<td>Open for Recruitment</td>
</tr>
<tr>
<td>TRA105325: An extension study of Eltrombopag olamine (SB-497115-GR) in adults, with idiopathic thrombocytopenic purpura (ITP), previously enrolled in a eltrombopag study.</td>
<td>GSK</td>
<td>Beng Chong</td>
<td>01-Jan-07</td>
<td></td>
<td>Open for Recruitment</td>
</tr>
<tr>
<td>Oral direct factor Xa inhibitor Rivaroxaban in patients with acute symptomatic deep-vein thrombosis or pulmonary embolism.</td>
<td>Bayer</td>
<td>Beng Chong</td>
<td>01-May-07</td>
<td></td>
<td>Open for Recruitment</td>
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<tr>
<td>Oral direct factor Xa inhibitor Rivaroxaban in patients with acute symptomatic deep-vein thrombosis or pulmonary embolism.</td>
<td>Bayer - Covance</td>
<td>Beng Chong</td>
<td>26-Jun-07</td>
<td></td>
<td>Open for Recruitment</td>
</tr>
<tr>
<td>Long term eltrombopag observational study: A long term observational safety follow-up study on adults who have received study medication (SB-497115-GR/eltrombopag olamine or placebo) in a Phase II or phase III clinical study evaluating eltrombopag.</td>
<td>GlaxoSmithKline</td>
<td>Beng Chong</td>
<td>06-Jul-07</td>
<td></td>
<td>Open for Recruitment</td>
</tr>
<tr>
<td>RTX-100A-201, Phase I, An open-label, sequential, dose escalation, repeat-dose study of the safety, pharmacokinetics, pharmacodynamics and immunogenicity of RTX-100 in adult patients with chronic Idiopathic Thrombocytopenic Purpura (ITP)</td>
<td>Protalex</td>
<td>Beng Chong</td>
<td>04-Mar-08</td>
<td>28 Feb 2009</td>
<td>Abandoned</td>
</tr>
<tr>
<td>Magellan- Multi-center, randomized, parallel Group Efficacy and safety study for the prevention of venous thromboembolism in hospitalized medically ill patients comparing rivaroxaban with enoxaparin.</td>
<td>Bayer</td>
<td>Beng Chong</td>
<td>01-May-08</td>
<td></td>
<td>Open for Recruitment</td>
</tr>
<tr>
<td>An Open-Label Study Evaluating the Safety and Efficacy of Long-Term Dosing of AMG 531 in Thrombocytopenic Subjects with Immune (Idiopathic) Thrombocytopenic Purpura (ITP)</td>
<td>Amgen Inc</td>
<td>Beng Chong</td>
<td>28-Jul-08</td>
<td></td>
<td>Open for Recruitment</td>
</tr>
<tr>
<td>Pilot study into the safety and efficacy of thromboprophylaxis and treatment of thromboembolism in patients with haematological malignancies</td>
<td>In-house</td>
<td>Shi-Jing Ho</td>
<td>02/11/2007</td>
<td></td>
<td>Open for recruitment</td>
</tr>
</tbody>
</table>
Clinical Trials Conducted

<table>
<thead>
<tr>
<th>Clinical Trials Conducted</th>
<th>Sponsor</th>
<th>Principal Investigator</th>
<th>Start Date</th>
<th>Recruitment End Date</th>
<th>Current Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>A safety and efficacy trial evaluating the use of Apixaban for the extended treatment of deep vein thrombosis and pulmonary embolism.</td>
<td>BMS/Pfizer c/o PPD</td>
<td>Beng Chong</td>
<td>3/3/2009</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A Safety and Efficacy Trial Evaluating the Use of Apixaban in the Treatment of Symptomatic Deep Vein Thrombosis and Pulmonary Embolism</td>
<td>BMS/Pfizer</td>
<td>Beng Chong</td>
<td>18/9/2009</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. Original Peer-Reviewed Publications


Graham PH. Martin RM, Browne LH. Communicating breast cancer treatment complication risks: when words are likely to fail. Asia Pacific J Clin Oncol 2009; 5(3): 193-199


Shantsila E, Lip GYH, Chong BH. Heparin-induced thrombocytopenia: A contemporary clinical
Chong BH. Primary immune thrombocytopenia: Understanding pathogenesis is the key to better treatments. Journal of Thrombosis and Haemostasis 2009; 7(2); 319-231.

5. Other published material

Kate Webber, Antoinette Fontela, Nina Bonner, Janet Bell, Joseph Bucci, Paul De Souza, Craig Lewis, Rina Hui, Peter Graham, Matthew Links. CRP predicts tolerance of treatment and overall survival with weekly carboplatin-paclitaxel and concomitant irradiation for locally advanced non-small cell lung cancer. ASCO 2009.


20th Asian Pacific Cancer Conference, Japan, 2009


RANZCR_AIR_ACPSEM Combined Scientific Meeting Brisbane, 22-25 Oct 2009


Australasian Society for Breast Diseases, Gold Coast October 2009


World Lung Cancer Conference, San Francisco 31 July 2009


MOGA 30th ASM ACT August 2009


RANZCR/AIR/FRO/ACPSEM ASM Brisbane Oct 2009


6. Community Engagement

In May 2009, the CTU was one of 5 New South Wales trial units nominated by the Cancer Institute at the 2009 Premier’s Awards for Outstanding Cancer Research - for “Innovation in Clinical Trials”.

The event was held on Thursday evening 21 May at the Exhibition Centre at Darling Harbour.
DEPARTMENT OF WOMEN’S HEALTH

1. Departmental Staff

Head of Department
Professor Michael Chapman  MBBS, MD, FRCOG, FRANZCOG, CREI
Professor of O&G, UNSW

Senior Medical Staff
Assoc Professor Kate H. Moore MBBS, MD, FRCOG, FRANZCOG, CU
    Professor of O&G, UNSW
Dr Gregory Davis MBChB, MD, FRACP
    Conjoint Senior Lecturer, UNSW
Dr Emmanuel Karantanis MBBS, PhD, FRANZCOG, CU
    Conjoint Senior Lecturer, UNSW
Dr Gregory Robertson MBBS, FRANZCOG, CGO
    Conjoint Senior Lecturer, UNSW
Dr Gavin Sacks MBBS, DPhil, MRCOG, FRANZCOG
    Conjoint Senior Lecturer, UNSW
Dr Margaret Booth MBBS, FRANZCOG
Dr John Breen MBBS, FRANZCOG
Dr Greg Cario MBBS, FRCOG, FRANZCOG
Dr Danny Chou MBBS, FRANZCOG
Dr Ludmilla Collins MBBS, FRANZCOG
Dr Chandra Krishnan MBBS, FRANZCOG
Dr Trent Miller MBBS, FRANZCOG
Dr Michael O’Connor AM, MD BS, MHL, DCH, DDU, FRCOG, FRANZCOG, JP
Dr James Opperman MBBS, FRANZCOG
Dr Kenneth Roper MBBS, FRANZCOG
Dr David Rosen MBBS, FRANZCOG
Dr Steven Thou MBBS, FRANZCOG
Dr Queeny Wong MBBS, FRANZCOG

Research Staff
Senior Midwifery Research Fellow:
Professor Caroline Homer PhD, RN, RM Professor of Midwifery, UTS
Research Midwife:
Lynne Roberts RN, RM
2. Research Grants

Australasian Gynaecological Endoscopy Society; 2009: $18,000
Danny Chou, Greg Cario, David Rosen.
PULL APEX study, 2009

Australian Centre for Child Protection. 2009: $72,000.
Nurturing and Protecting Children: Nursing and Midwifery Curriculum Standards Project.

Australian Centre for Child Protection. 2009-2010: $180,000.
Leap N, Fowler C, Homer CSE, Briggs C.

3. Research Projects in Progress

Department of Women’s Health is a Collaborating Centre for the following international multicentre randomized controlled trials:

<table>
<thead>
<tr>
<th>Study</th>
<th>Organising Centre</th>
<th>Chief Investigator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Twin Birth Study</td>
<td>The Centre for Mother Infant and Child Research, Toronto, Canada</td>
<td>Dr. Jon Barrett</td>
</tr>
<tr>
<td>PROGRESS</td>
<td>Women’s and Children’s Hospital, Adelaide</td>
<td>Prof Caroline Crowther</td>
</tr>
<tr>
<td>PPROMT</td>
<td>Dept O&amp;G, RNSH Sydney</td>
<td>Prof Jonathon Morris</td>
</tr>
<tr>
<td>ASTEROID</td>
<td>Women’s and Children’s Hospital, Adelaide</td>
<td>Prof Caroline Crowther</td>
</tr>
<tr>
<td>EECV Trial</td>
<td>The Centre for Mother Infant and Child Research, Toronto, Canada</td>
<td>Prof Eileen Hutton</td>
</tr>
</tbody>
</table>

Other studies
- Validation Study of the Omron T9P in Pregnancy. Chief Investigator Prof Mark Brown
- Patients and outcomes and the cost of nurses’ turnover in Australian hospitals. Chief Investigators Christine Duffield, Michael Roche, Caroline Homer and James Buchan.
- A randomised controlled trial of caseload midwifery care – the M@NGO Project. Chief Investigators Sally Tracy, Michael Chapman, Caroline Homer.
- The Birth Unit Design (BUD) Project. Chief Investigators Foureur MJ, Leap N, Davis D, Forbes I, Homer CSE
- Obstetric placental risk assessment (OPRA). Chief Investigator Gregory Davis
4. Original Peer-Reviewed Publications

Bowyer L, Catling-Paull C, Diamond T, Homer C, Davis G, Craig ME.
Vitamin D, PTH and calcium levels in pregnant women and their neonates.

The economic impact of assisted reproductive technology: a review of selected developed countries.
*Fert Ster* 2009; 91:2281-2294.

Kilani, S, Cooke, S, Kan, A, & Chapman, MG.
Are there non-invasive markers in human oocytes that can predict pregnancy outcome?

McMurtrie, J, Catling-Paull, C, Teate, A, Caplice, S, et al
The St George homebirth program: An evaluation of the first 100 booked women.

Sullivan, EA, Moran, K, & Chapman, MG

King K, Smith S, Chapman M, Sacks G.
Detailed analysis of peripheral blood natural killer cells in women with recurrent miscarriage.

Homer CSE, Hanna E, McMichael AJ.
Climate change threatens the achievement of the Millennium Development Goals for maternal health.

An evaluation of the first 100 women booked on the St George Homebirth Program.

Homer CSE, Passant L, Brodie, PM, Klidea S, Leap, N, Pincombe J, Thorogood C.
The role of the midwife in Australia: Views of women and midwives.

Adams J, Lui CW, Sibbritt D, Broom A, Wardle J, Homer CSE, Beck S.
Women’s use of complementary and alternative medicine (CAM) during pregnancy: A critical review of the literature.
Homer CSE, Clement V, Peek, M, McDonnell, N, Sullivan E. 
Maternal mortality in Australia: what can we learn from stories of postpartum haemorrhage? 

Homer CSE, Henry K, Schmied V, Kemp L, Leap N, Briggs C. 
It looks good on paper: Transitions of care between midwives and child and family health nurses in New South Wales. 

Dahlen H, Homer CSE, Cooke M, Upton A, Nunn R, Brodrick B. 
‘Soothing the ring of fire’: Australian women’s and midwives’ experiences of using perineal warm packs in the second stage of labour. 

Schmied V, Cooke M, Gutwein R, Steinlein E, Homer CSE. 
An evaluation of strategies to improve the quality and content of hospital-based postnatal care in a metropolitan Australian hospital. 

5. Presentations at Scientific Meetings/Conferences

National


12. AGES XIX Annual Scientific Meeting/AAGL 3rd International Congress on Minimally invasive Surgery, Brisbane May 2009

• Operative laparoscopy complications in an advanced gynaecological endoscopy unit (SWEC) in 2008. Greg Cario, Danny Chou, David Rosen, Mark Carlton, Aoife O’Neill
• Does entry technique influence intra-abdominal adhesion development? Greg Cario, David Rosen, Danny Chou, Aoife O’Neill
• Laparoscopic Uterine Artery Ligation(LUAG): Laparoscopic assisted myomectomy (LAM) of a 23X16X9cm multiple fibroid uterus. Chou D, Cario G, Rosen D, Carlton M, O’Neill A
• Laparoscopic Uterine artery ligation (LUAG): Laparoscopic total hysterectomy for a 2500 gm uterus. Chou D, Cario G, Rosen D, Carlton M, O’Neill A
• Laparoscopic Uterine Artery ligation(LUAG): The anterior approach. Chou D, Cario G, Rosen D, Carlton M, O’Neill A
• Postoperative uterine perfusion following uterine artery clipping at laparoscopic myomectomy. Rosen DMB
• Fibroma in ectopic ovarian tissue. Georgiou C, Rosen D
• Laparoscopic Uterosacral Ligament suspension for the prevention of Uterovaginal Prolapse associated with Burch Colposuspension, Greg Cario, Jennifer Anderson and Aoife O’Neil, David Rosen and Danny Chou.

Local


2. Sacks G. What on O&G registrar need to know about IVF. RANZCOG trainees course. Sydney Nov 2009.

6. Community Engagement

DEPARTMENT OF UROGYNAECOLOGY

1. Departmental Staff

Head of Department
Assoc. Prof. Kate H. Moore MBBS, MD, FRCOG, FRANZCOG, CU

Senior Consultant Staff
Dr Emmanuel Karantannis MBBS, MD, FRCOG, FRANZCOG, CU

Research Staff
Dr Colin Walsh MBBS, MRCOG, Senior Research Fellow
Dr Su Sarma MBBS, MRCOG, Senior Research Fellow
Dr Orla Teahan, MSC, PhD, Post Doctoral Fellow
Dr Kylie Mansfield MSC, PhD, Lecturer

Detrusor Muscle Laboratory Supervisor:
Dr Ying Cheng MSC PhD (Senior Research Officer)

Research Associates
Ms Wendy Hayes, Physiotherapist
Ms Janette O'Toole, Physiotherapist

Research Students
Dr Colin Walsh MBBS, MRCOG, PhD Student

Nursing Research Staff
Ms Wendy Allen BN, Clinical Nurse Specialist (part-time)
Ms Anthea Reus BN, Masters of Nursing, Grad Cert Clinical Nursing, Clinical Nurse Specialist (part-time)
Ms Anne Siddins, Research Registered Nurse (part-time)
Ms Jeannette Werda Dip App Sc, Adv Dip Herb Med ND, Clinical Nurse Consultant (part-time)
Ms Katrina Parkin Dip Nurs, Midwifery, Research Registered Nurse (part-time)
2. Research Grants

NHMRC (#508925); 2008 – 2010: $33,000 pa
POPPY (Physiotherapy for Pelvic Organ Prolapse) Project

Commonwealth Government; 2008 – 2010: $35,000 pa
Continence Outcomes Measures Validation and Clinical Translation Project

Pfizer Competitive Grants Program; 2009 – 2010: US$75,000
New OAB Targets: ATP, Stretch, Tachykinins and Vanillioid Interaction in the Bladder Mucosa

NHMRC; 2009 – 2011: $140,000 per annum
Non-neuronal ATP: Regulation of release and Action in the bladder

Int’l Urogynaecology Assoc; 2009 – 2010: $20,000US
Low Count Bacteriuria and ATP Release In Refractory Detrusor Overactivity

3. Research Projects in Progress


ATP Release during cystometry in women with Detrusor Overactivity: Y. Cheng, K. Mansfield, C. Walsh, E. Burcher, K. H. Moore


Low grade bacteria uria in women with refractory detrusor overactivity: C. Walsh, Y. Cheng, K. Mansfield, C. Walsh, E. Burcher, K. H. Moore and A. Siddins

Randomized controlled trial of Electromagnetic Chair versus routine PFMT for stress incontinence: J. O’Toole, W. Hayes, W. Allen, E. Karantanis, K. H. Moore
Randomized controlled trial of PFMT versus control for women with mild to moderate vaginal prolapse: W. Hayes, J O'Toole, W. Allen, E. Karantanis, K. H. Moore

Randomized controlled trial of single use versus re-use catheters in patients who self-catheterize for bladder outflow obstruction: A Reus, E. Karantanis, H. Leek, K. H. Moore

Prospective observational study of success of detailed management plan for constipation by a Nurse Continence Advisor: J. Werda, H. Leek, V. Paton.

Prospective observational study of metformin therapy for insulin resistance in woman with truncal obesity and stress incontinence: E. Dorney, W. Allen, C. Walsh, K. H. Moore

Case – control study of demographic factors predisposing to anal incontinence in women with third degree obstetric tears: E. Karantanis, F Brims, K. Gardiner, V. Paton, D. Lubowski

Prospective observational study of the cost of faecal incontinence: V. Paton, C. Parker, D. Lubowski, K. H. Moore

4. Original Peer-Reviewed Publications


5. Other published material

6. Presentations at Scientific Meetings/Conferences

International


Invited to Speak (“How Do We Prove The Urothelium is Intelligent” and “Providing Evidence Based Care for Mixed Incontinence”) International Consultation on Incontinence Research Society. Bristol. May 2009.

National


7. Community Engagement

State

NSW State Training and Accreditation Committee of Royal Aust NZ College of Obstetrics and Gynaecology (RANZCOG)

A/Professor Kate Moore serves on the State T&A Committee which meets quarterly to maintain training standards for all O&G registrars in NSW. Also serves as the Director of the Integrated Training Programme for St George Hospital, Lismore, Bankstown, Woollongong and Sutherland hospitals, to which our registrars rotate. Involves supervision of maintainence of training standards and high
quality registrar performance in all 5 hospitals. Important to insure that women in these hospitals are
cared for professionally by all trainees.

National

RANZCOG Subspecialty Urogynaecology National Management Committee
RANZCOG Subspecialty Urogynaecology Examiner
A/Professor Kate Moore serves on the 6 person Urogynaecology subspecialty committee, which
supervises correct training standards/ performance for all trainees in this subspecialty, meets
quarterly by evening teleconference. Also serves as Examiner annually for the written and viva
voce exams in the subspecialty.

Chairman Urogynaecological Society Of Australasia (UGSA)
A/Professor Kate Moore developed the Constitution for this society and formulated the first
executive committee: the purpose of UGSA is to promote evidence based medicine in this subject.

Continence Foundation Of Australia (CFA)
A/Professor Kate Moore served as Editor for the Continence Journal of Australasia, now Associate
Editor. Also serves on Scientific Advisory Board of the CFA, and is frequently asked to serve on the
Organising Committee for the Annual CFA scientific meeting. The CFA is the national “peak body”
for the dissemination of information about urinary and faecal incontinence to the Community
in Australia.

International:

World Health Organisation: International Consultation On Incontinence
A/Professor Kate Moore serves as the Chairman of one of the 19 committees of this WHO sponsored
consensus conference which meets every four years in Europe, followed by the production of a
definitive Monograph on the subject of incontinence.
DEPARTMENT OF PAEDIATRICS

1. Departmental Staff*

Head of Department
Dr. Bob Fonseca MBBS FRACP MMed (ClinEpid)

Senior Staff
Dr. Ana Dosen MBBS FRACP
Dr. Adrienne Moline MBBS FRACP
Dr. Anthony Epstein MBBS FRACP
Dr. Charles Scarf MBBS FRACP
Dr. Con Papadopoulos MBBS FRACP, M Hlth Mgt, Grad Cert GI
Dr. Kylie Yates MBBS FRACP MMed (ClinEpid)
Dr. Maria Craig MBBS PhD FRACP MMed(ClinEpid) Assoc. Prof (UNSW)
Dr. Mary-Louise Freckman MBBS FRACP, HGSA (Cert)
Dr. Rani Sachdev MBBS FRACP, HGSA (Cert)
Dr. Scott Dunlop MBBS FRACP

All paediatricians conjoint teaching appointments with the UNSW Faculty of Medicine

2. Research Grants#

How do enteroviruses cause type 1 diabetes?
Craig ME, Rawlinson WD Leung KC  $80 000 Financial Markets for Children

Viral triggers of autoimmunity and T1DM: a prospective study of at risk children
Craig ME 2008 to 2010 $152 000 NHMRC Project Grant (#510258)

Viral triggers of autoimmunity and type 1 diabetes
Craig ME 2007 to 2011 $44 500 NHMRC Career Development Award (#455363)

How enteroviruses cause cellular and functional damage in insulin-producing -cell
Leung KC, Craig ME, Rawlinson WD  2009 $14 000 Rebecca Cooper Research Foundation

3. Research Projects in Progress

Vitamin D at birth and bone mineral density in childhood: a follow up study (Craig ME, Diamond T)
4. Original Peer - Reviewed Publications

Wolfsdorf J, Craig ME, Daneman D, Dunger D, Edge J, Lee W, Rosenbloom A, Sperling M, Hanas R.
Diabetic ketoacidosis in children and adolescents with diabetes.
*Pediatr Diabetes*. Suppl 12:118-33, 2009

Craig ME, Hattersley A, Donaghue KC.
Definition, epidemiology and classification of diabetes in children and adolescents.
*Pediatr Diabetes*. Suppl 12:3-12, 2009

Leung KC, Xu A, Craig ME, Martin A, Lam KS, O’Sullivan AJ.
Adiponectin isoform distribution in women—relationship to female sex steroids and insulin sensitivity.
*Metabolism* 58(2):239-45, 2009

Craig ME
Trends in type 1 diabetes in Australia.

Howard J, Hall B, Brennan LE, Arbuckle S, Craig ME, Graf N, Rawlinson W.
Utility of newborn screening cards for detecting CMV infection in cases of stillbirth.
*Journal of Clinical Virology* 44:215-218, 2009

Bowyer L, Catling-Paull C, Diamond T, Homer C, Davis G, Craig ME.
Vitamin D, PTH and calcium levels in pregnant women and their neonates.
*Clinical Endocrinology* 70:372-277, 2009

Craig ME, Wong C, Alexander J, Maguire AM, Silink M.
Delayed referral of new-onset type 1 diabetes increases the risk of diabetic ketoacidosis.

Craig ME, Huang CY.
Type 2 diabetes in childhood: incidence and prognosis.

Catanzariti L, Faulks K, Moon L, Waters AM, Flack J, Craig ME.
Australia’s national trends in the incidence of Type 1 diabetes in 0–14 year olds, 2000–2006.
*Diabetic Medicine* 26, 596–601, 2009

Agero AL, Lahmar JJ, Holzborn RM, Martin LK, Freckmann ML, Murrell DF.
Navus of Ota presenting in two generations: a mother and daughter
5. Presentations at Scientific Meetings/Conferences

International

Dr Maria Craig
Indian Society of Pediatric Endocrinology (ISPAE) Biennial Meeting – New Delhi, India
  1. Obesity Management: Mission Impossible?
  2. Diabetes: Pumps and Loops

ISPAE Pediatric Endocrine Training Program – New Delhi, India
  1. Neonatal Endocrinology,
  2. Thyroid Disorders in Childhood

Indonesian Paediatric Endocrine Society Pediatric Diabetes Update - Bali, Indonesia
  1. A new expression of diabetes: Double Diabetes;
  2. Diabetes Complications

Asia Pacific Paediatric Endocrine Society Fellows’ Meeting, Ayutthaya, Thailand
  1. Disorders of Calcium and Vitamin D in Childhood

National

Dr Ana Dosen
Poster presentation ASCIA Scientific Meeting 2009
Food challenges in allergic children: review of practise and outcomes. Food challenges were performed in a standardised fashion to access if children had become tolerant to previous allergic foods. There were very few reactions in the cohort of 80 over 12 months.
DEPARTMENT OF AGED CARE

1. Departmental Staff

Head of Department
Peter Smerdely  MBBS (Hons) MPH PhD FRACP
Director Department of Aged Care, St George Hospital
Co Director, Aged & Extended Care, Central Health Network
Network Executive Clinical Director, Central Health Network
Conjoint Associate Professor UNSW

Senior Medical Staff
Litsa Morfis  MBBS FRACP
Conjoint Lecturer, UNSW

Chris Dedousis MBBS FRACP
Conjoint Appointment with Southcare, Sutherland Hospital
Conjoint Senior Lecturer, UNSW

Sarah Baldwin  MBBS FRACP
Conjoint Lecturer, UNSW

Tony Youssef  BSc (MED) MBBS FRACP
Conjoint Appointment with Southcare, Sutherland Hospital

Nicholas Cordato MBBS (Hons 1) FRACP PhD
Conjoint appointment with CRAGS, Calvary Hospital

Grant Pickard  MBChB FRACP
Appointed to Medical Assessment Unit

Yun Xu  MBBS FRACP
Conjoint appointment with CRAGS, Calvary Hospital

Frank Yan  BSc (MED) MBBS FRACP
2. Community Engagement

All staff members are actively involved with the community. Regular lectures are given to groups associated with Alzheimer’s Australia, Department of Health and St George Hospital.
1. Departmental Staff

Head of Department
Dr John Estell MBBS., BSc., MSpMed., FAFRM(RACP)

Senior Consultants
A/Prof Andrew Cole MBBS(Hons) FAFRM(RACP) FACRM
Conjoint Assoc Prof, School of Community Medicine UNSW

Dr Scott Hannan MBBS, BMedSci., FAFRM(RACP) FACRM
Conjoint Senior Lecturer UNSW

Dr Kenneth Chan MBBS., BSc(Med) FAFRM(RACP)

2. Research Projects in Progress

Cost Benefit of Rehabilitation Care
On-Site versus Off-site Rehabilitation in Stroke
On-Site versus Off-site Rehabilitation in Orthopaedic Conditions
Interventional Spasticity Management
Rehabilitation Intensity of Therapy
The Association between Team Characteristics, Performance and Human Resource Management in Rehabilitation Teams

3. Original Peer-Reviewed Publications

Kohler F, Dickson H, Redmond H, Estell J, Connolly C.
Agreement of Functional Independence Measure Item Scores in Patients Transferred from One Rehabilitation Setting to Another.
4. Other published material

Clinical Practice Guidelines for the Management of Adult Gliomas: Astrocytomas and Oligodendrogliomas
(Cancer Council of Australia/Australian Cancer Network/Clinical Oncological Society of Australia)

5. Presentations at Scientific Meetings/Conferences

International

“The Cost Benefit Equation for Inpatient Rehabilitation” 2009 AFRM/NIRR/NZRA Interdisciplinary Rehabilitation Medicine Conference Dr John Estell

“Profile of a Metropolitan Amputee Clinic” 2009 AFRM/NIRR/NZRA Interdisciplinary Rehabilitation Medicine Conference Dr John Estell

“A Decade of Cancer Rehabilitation in South Western Sydney” 2009 AFRM/NIRR/NZRA Interdisciplinary Rehabilitation Medicine Conference Dr John Estell A/Prof A Cole

“Evidence for Effectiveness of Post Acute Cancer Rehabilitation” 2009 AFRM/NIRR/NZRA Interdisciplinary Rehabilitation Medicine Conference A/Prof Andrew Cole

“Cancer and Rehabilitation” 11th National Conference, Chinese Society of Physical Medicine & Rehabilitation, Shenyang September 2009 A/Prof A Cole
DEPARTMENT OF NUTRITION & DIETETICS

1. Departmental Staff

Head of Department
Janet Bell  BSc MNutr Diet APD, Cert Bus Management, Dip. Leadership & Management

Senior Staff
Maria Chan  BSc (Hons), MNutr diet, Adv APD, Grad Dip in Health Sc, Cert Bus Management Science (Exercise & Sport), Cert Business Management
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Nella Puz  BSc, MNutr diet APD
Jocelyn Birdsall  BSc, MNutr Diet, APD, AN
Lynelle Thomson  BSc, Nutrition (honours)

2. Research Projects in Progress

Ellis J. Nutrition Clinical Outcomes in Palliative Care-PhD.
Chan M. Nutrition management of patients with pre-dialysis chronic kidney disease (CKD)
Zarshenas N. ASAP Study Audit of Severe Acute Pancreatitis feeding practices
A prospective observational multicentre study of nutritional therapy in severe acute pancreatitis patients in Australasia.
3. Original Peer-Reviewed Publications

Zarshenas N.

Pons R, Whitten K, Woodhead H, Leacha S.  
Dietary intakes of children with Crohn’s disease. Pons R et al.  

Zarshenas N, Jorgensen J.  
Prevalence of Nutrient deficiencies in Bariatric Patients.  
*Nutrition* 2009; 25: 1150-1156

Fry, K. et al.  
Development of Evidence Based Guidelines for the Nutritional Management of Adult Kidney Transplant Recipients.  

4. Presentations at Scientific Meetings/Conferences

International


5. Community Engagement

Bell J –Co chair of the Greater Metropolitan Clinical Taskforce (GMCT) for Home Enteral Nutrition  
Bell J- Member of the Nutrition and Dietetics Advisors Group to the Department of Health  
Chan M-Executive member of the GMCT Renal Service Network Executive & Chronic Kidney Disease (CKD) and Transplant committees.  
Chan M- Member of the NSW Health Chronic Disease prevention sub-group (CKD) committee  
Ingle J- Executive member on the endocrine GMCT network