

2016

RBWH

Research Report

Surgical &

Perioperative

Services



Surgical and Perioperative Services



Dr Barry O'Loughlin
Executive Director
Surgical and Perioperative Services

Surgical and Perioperative Services, Royal Brisbane and Women's Hospital (RBWH), provides a comprehensive clinical surgery service to the population of Metro North and Queensland. This is integrated with a strong commitment to teaching, clinical research and quality activities.

The Service Line maintains strong links with the University of Queensland, Queensland University of Technology, the Royal Australasian College of Surgeons (RACS) and research institutes on the campus.

The RACS Annual Scientific Meeting was held in Brisbane in May 2016 and Professor Owen Ung, Head of the Breast Endocrine Surgery Unit was honoured in being appointed Scientific Convenor for this event. Over the course of a week, Royal Brisbane and Women's Hospital surgeons and registrars from a range of speciality Departments presented twenty three scientific papers to showcase clinical research activities.

The RACS has a research and travel scholarship program which over the past five years has awarded over \$9 million to surgeons and trainees in Australasia. In late 2016 Dr Greg O'Grady, Colorectal Surgery Fellow at RBWH was awarded the James Ramsey Scholarship and Dr Hamish Alexander, Neurosurgeon RBWH, the Stuart Morson Scholarship.

In 2016 Professor Frank Gardiner, Dr Geoff Coughlan and Dr John Yaxley put the Department of Urology on the world map by publication in The Lancet of the world's first prospective randomised trial of Robotic Assisted Laparoscopic Prostatectomy versus Radical Open Prostatectomy. This seminal paper provided significant insights into the safety and efficacy of this emerging technology.

Department of Anaesthesia and Perioperative Medicine

2016, has been another big year in research and knowledge translation for the Department of Anaesthesia. The research team continues to grow and expand through collaborations at state, national and international level. This is set to continue through 2017 as the department carries on its participation in local investigator driven and global multi-centre trials.

Research in the department has matured as we see our researcher's progress through their higher degrees. Victoria Eley submitted her PhD thesis, and carries on her research in analgesia use in obese parturients; while Julie Lee continues to advance through her PhD studies on ROTEM® thromboelastometry in obstetric anaesthesia. Rochelle Ryan has recently commenced her Master of Philosophy, researching the impact obesity has on antibiotic dosing.

The department has been awarded 5 scholarships and over \$200,000 worth of grant funding this year. The ANZCA CTG BALANCED study is currently progressing successfully under the guidance of Michael Edwards, as site coordinator, and the department's research nurse Cienwen Town. This study looks at the depth of anaesthesia in elderly surgical patients and associated outcomes. We are continuing to collaborate with the ANZCA CTG, commencing the international, multi-centre trial PADDI in January 2017 to assess the perioperative administration of dexamethasone and infection rates. Julie Lee is the site coordinator with support from research nurse Lizanne Dalgleish. Professor Van Zundert continues to investigate best airway management practices, looking at both patients and manikins to improve intubation practice. Professor's research is supported by research nurse Heather Reynolds. Other ongoing collaborative research with ICU and burns includes studies investigating: antibiotic prophylaxis in bariatric Caesarean and surgical patients (Rebecca Christensen, Victoria Eley, Mathew Smith, Dwane Jackson, Rochelle Ryan, Andre Van Zundert, Jason Roberts and Jeffrey Lipman); Optic nerve sheath measurement of intracranial pressure (Gareth Collins, Lizanne Dalgleish and Cienwen Town); and dermal matrix for deep burns.

From a knowledge translation perspective, the renovations for the state-of-the-art teaching and research centre, the 'Centre for Excellence and Innovation in Anaesthesia' (CEIA), reached completion in late 2016. The centre has allowed the department to facilitate the expansion of the Big 5: teaching, training, equipment, quality and research. With thanks to Dr Nathan Peters the department is already reaping its rewards as it becomes the first QLD based, accredited, simulation based, focused transthoracic echocardiography workshop facility. This workshop reduces the need for physicians to travel interstate to acquire the necessary skills for college qualifications. Lizanne Dalgleish has been appointed Nurse Manager for the CEIA, Katherine Hames continues as the lead for departmental educational activities, and Kersi Taraporewalla directs simulation for the university and medical training. Linda Beckmann, carries on as Airway Management Workshops lead, which is set to grow with the CEIAs expansion. Michelle Roets has been instrumental in facilitating the equipment evaluation for the Systematic analysis of basic equipment in Anaesthesia (SABEA project). Geoffrey Messer and Anthony Hade continue their great work in Quality and Safely management.

By the end of 2016, our Department has published 6 book chapters, 32 journal articles and made 24 conference presentations by Professor Van Zundert, Associate Professor Kerstin Wyssusek, Associate Professor Kersi Taraporewalla, Dr Victoria Eley, Dr Julie Lee, Dr Ben Snow, Dr Heather Reynolds and Ms Lizanne Dalgleish.

Current Research Group / Department Led Research Activity

Research Group / Department Lead Researchers	Collaborative Researchers	Research Project Title
André Van Zundert	Niall Higgins (RBWH Mental Health)	NIRVANA (Near Infra Red Vascular ANALysis)
Kersi Taraporewalla	Penelope Sanderson (UQ), Heather Reynolds , Marcus Watson (UQ)	Respiratory Sonification Trial
Gareth Collins	Lizanne Dalgleish, Cienwen Town, André Van Zundert, Jeffrey Lipman (RBWH Intensive Care Unit (ICU))	Optic nerve sheath study to measure ICP
Rebecca Christiansen	Victoria Eley, André Van Zundert, Jason Roberts (RBWH ICU), Jeffrey Lipman (RBWH ICU)	Does Cefazolin Prophylaxis During Elective Bariatric Caesarean Section Achieve Therapeutic Concentrations in Plasma and Interstitial Fluid?
André Van Zundert	Heather Reynolds	LMA Protector™ Study
André Van Zundert	Samantha Keogh(AVATAR group, Griffith Uni)	Development and implementation of best flushing practice to optimise peripheral catheter patency and performance
Rochelle Ryan	Rebecca Christensen, Dwane Jackson, Victoria Eley, André Van Zundert, Jason Roberts (RBWH ICU), Jeffrey Lipman (RBWH ICU)	Therapeutic concentrations cephazolin in bariatric surgical patients

Research Group / Department Lead Researchers	Collaborative Researchers	Research Project Title
Julie Lee	Cienwen Town , Joel Thomas	Tongue Morphology on MRIs as predictor of difficult intubation
Julie Lee	André Van Zundert	ROTEM® Platelet in pre-eclamptic women
Julie Lee	Victoria Eley, André Van Zundert , Assoc/Prof Rebecca Kimble, John Rowell	ROTEM® Thromboelastometry in Obstetrics – elective Caesarean patients
André Van Zundert	Victoria Eley , Adrian Chin, Renuka Sekar	PEES (Prospective Epidural Extension Study) and Subcutaneous fat study
Victoria Eley	André Van Zundert	Obesity and Obstetric Anaesthesia
Heather Reynolds	André Van Zundert, John Gowardman (RBWH ICU), Claire Rickard (Griffith University)	Bundled interventions for safe care of peripheral arterial catheter in adult patients: the ALICE (Arterial Line Insertion and CarE) protocol
Heather Reynolds	Martin Culwick , Amanda Ullman, Gabor Mihala, Evan Alexandrou, Claire Rickard (Griffith University)	Cochrane Protocol and Review: Dressings and Securement Devices for Peripheral Arterial Catheters

Collaborative Research Activity

Collaborative Lead Researchers (RBWH staff in bold)	Your Research Group / Department Researchers	Research Project Title
Professor Kate Leslie	Michael Edwards Lizanne Dagleish Cienwen Town	BALANCED

Research Awards and Achievements

Recipient	Award	Event
Adrian Chin	Gilbert Brown Prize for “A randomized controlled trial comparing ultrasound and palpation assisted combined spinal epidural anaesthesia for elective Caesarean section”	ANZCA ASM Auckland, 2016
Julie Lee	Finalist: Trainee Academic Poster Prize	ANZCA ASM Auckland, 2016
Professor André van Zundert	Professorship	Awarded at University of Udayana, Indonesia 29.2.2016

Research Grants – Awarded

Investigators (RBWH staff in bold)	RBWH Research Groups / Departments	Project Title	Granting Body	Amount in 2016	Total Amount (years)
Dr Julie Lee Professor Andre van Zundert	Anaesthesia	ROTEM® in pre-eclampsia ANZCA Project Grant	ANZCA	\$58,201	\$58,201 (2016-2017)
Dr Victoria Eley Dr Adrian Chin Dr Renuka Sekar Professor André van Zundert	Anaesthesia	Does subcutaneous fat measured at 18-20 weeks predict difficulty inserting an epidural or adverse pregnancy outcomes?	UQ Academic Title Holders Grant	\$46,000	\$46,000 (2016)
Dr Gareth Collins, Lizanne Dagleish, Cienwen Town	Anaesthesia	Optic Nerve Sheath Study to Measure ICP	RBWH Foundation	\$40,000	\$40,000 (2016)
Dr Rochelle Ryan	Anaesthesia	Does cefazolin prophylaxis during elective bariatric surgery achieve therapeutic concentration in plasma & interstitial fluid?	ANZCA	\$34,059	\$34,059 (2016-2017)

Investigators (RBWH staff in bold)	RBWH Research Groups / Departments	Project Title	Granting Body	Amount in 2016	Total Amount (years)
Dr Rebecca Christiansen	Anaesthesia	Does cefazolin prophylaxis during elective bariatric Caesarian section achieve therapeutic concentration in plasma & interstitial fluid?	ANZCA	\$34,059	\$34,059 (2016-2017)
Dr Heather Reynolds	Anaesthesia	Invited Presentation at Association for Vascular Access ASM, Orlando	Ian Potter Foundation Travel Grant	\$2,600	\$2,600 (2016)

2016 Research Publications

Type (Journal article / Book / Book chapter / Letter)	Publication information (RBWH staff in bold)
Journal article	Vivian V, van Zundert AA . Nasotracheal intubation and epistaxis. <i>Anaesthesia</i> . 2016;71:722-3.
Journal article	Pieters BM, van Zundert AA . Videolaryngoscopes differ substantially in illumination of the oral cavity: A manikin study. <i>Indian J Anaesth</i> 2016;60:325-9.
Journal article	Van Zundert AA , Skinner MW, Van Zundert TC, Luney SR, Pandit JJ. Value of knowing physical characteristics of the airway device before using it. <i>Br J Anaesth</i> 2016;117:12-6.
Journal article	Van Zundert AA, Kumar CM, Van Zundert TC . Malpositioning of supraglottic airway devices: preventive and corrective strategies. <i>Br J Anaesth</i> 2016;116 (5):579-82.
Journal article	Pieters BM, Wilbers NE, Huijzer M, Winkens B, van Zundert A . Comparison of seven videolaryngoscopes with the Macintosh laryngoscope in manikins by experienced and novice personnel. <i>Anaesthesia</i> 2016;71:556-64.
Journal article	Pieters BM, van Zundert A . Videolaryngoscopes differ substantially in illumination of the oral cavity: A manikin study. <i>Indian J Anaesth</i> 2016;60:325-9.
Journal article	Sekandarzad MW, van Zundert A . Effect of volatile anaesthetics on cancer recurrence. Time will tell. <i>Anaesthesia</i> 2016;71:2120 (Correspondence).
Journal article	Bos MMJ, van Loon RFHJ, Heywood L, Morse MP, van Zundert A . Comparison of the diameter, cross-sectional area and position of the left and right internal jugular vein and carotid artery in adults using ultrasound. <i>J Clin Anesth</i> 2016;32:65-69.
Journal article	Van Zundert A , Kumar CM, van Zundert TCRV. Measures to prevent malpositioning of supraglottic airway devices. <i>Br J Anaesth</i> 2016;117 (Correspondence).
Journal article	Wyssusek KH , Foong WM, Steel C, Gillespie BM. The gold in garbage: implementing a waste segregation and recycling initiative. <i>AORN Journal</i> , 2016; 103:3:316.e1-316.e8. doi:10.1016/j.aorn.2016.01.014.
Journal article	Caragata R, Wyssusek KH , Kruger P. (2016) Acute Kidney injury following liver transplantation: a systematic review of published predictive models. <i>Anaesthesia and Intensive Care</i> , 2016;44 (2):251-261.
Journal article	Wyssusek KH , Keys ALB, Yung J, Sivalingam P, Paul SK, Moloney ET. Evaluation of perioperative predictors of acute kidney injury post orthotopic liver transplantation. <i>Anaesth Intens Care</i> 2016;44:5 (Correspondence).
Journal article	Eley V , Callaway L, van Zundert A , Lipman J, Gallois C. Interpretation of Care Guidelines for Obese Women in Labour: Intergroup Language and Social Identity 2016; <i>Journal of Language and Psychology</i> 2016;1-27.
Journal article	Eley V , Callaway L, van Zundert A , Lipman J. Anaesthetic management of obese parturients: What is the evidence supporting practice guidelines? <i>Anaesth Intensive Care</i> 2016;44:552-559.
Journal article	Sturgess DJ, Greenland KB, Senthuran S, Ajvadi FA, van Zundert A , Irwin MG. Tracheal extubation of the intensive care patient with a difficult airway. <i>Anaesthesia</i> 2016;71:1347-1362.
Journal article	van Zundert A, Wyssusek KH . Postoperative sore throat – know where your airway is positioned. <i>Anaesthesia</i> 2016;71:1241-2.
Journal article	Sekandarzad MW, van Zundert A , Lirk PB, Doornebal CW, Hollmann MW. Perioperative anesthesia care and tumor progression. <i>Anesth Analg</i> 2016;122(3):903-907.
Journal article	Van Zundert A , Gatt SP, Mahajan RP. Continuing to Excel in Anaesthesia through the 'Big Five': Teaching, Training, Testing, Quality and Research. <i>Br J Anaesth</i> . 2016;117(3):276-9.
Journal article	Van Zundert A, Wyssusek KH , Vivian V. Verification of Nasopharyngeal Temperature Probes – They are not always where you think they are! <i>Anesth Analg</i> 2016;123:1338-9.

Type (Journal article / Book / Book chapter / Letter)	Publication information (RBWH staff in bold)
Journal article	Van Zundert A , Skinner MW, van Zundert TC, Luney SR, Pandit JJ. Value of knowing physical characteristics of the airway device before using it. Br J Anaesth 2016;117(1):12-6.
Journal article	Hockey CA, van Zundert A , Paratz JD. Does objective measurement of tracheal tube cuff pressures minimise adverse effects and maintain accurate cuff pressures? A systematic review and meta-analysis. Anaesth Intensive Care 2016;44:560-70.
Journal article	Reynolds H, Chalk TJ, van Zundert A , Rickard CM. A way to go to meet guidelines for prevention of intravenous catheter infection and complications: Audit of perioperative peripheral venous catheter care. Vascular Access. 2016;2(2):2-9.

Research Publications / Presentations Summary Table

Research Group / Department	Publications		Presentations National and International	
	Journal Articles	Books and Chapters	Oral	Poster
Anaesthesia	32	6	16	8



Department of Ear Nose and Throat Surgery

Probiotics in Airway Health, Department of Otolaryngology, Head and Neck Surgery

Aims

Using local probiotic treatment of the nasal cavity to displace colonisation of pathogenic bacteria from the upper respiratory tract in Chronic rhinosinusitis and recurrent otitis media.

Clinical Benefits

An alternative to antibiotics and a possibility to restore airway health.

Grants

Microbiota of the Human Sinuses. It's role in health and disease, The Garnett Passe and Rodney Williams Memorial Foundation Conjoint Grant.

Research Collaborations

UQCCR University of Queensland Centre for Clinical Research.

QPID Queensland Paediatric Infectious Diseases Laboratory.

CCHR Centre for Children's Health Research | Children's Health Queensland Hospital .

CHRC Child Health Research Centre | The University of Queensland.

Deadly Ears, Brisbane.

Department of Otolaryngology, Head & Neck Surgery, Lund University, Sweden.

Gothenburgh University, Sweden.

Umea University, Sweden.

Supervised Post-graduate Research Students

Name (RBWH staff in bold)	Current Studies (e.g. PhD, Masters etc.)University (duration)	Research Project Title	Supervisors (RBWH staff in bold)
Dr Andrea Coleman	PhD	The microbiome of otitis media and development of a probiotic to prevent otitis media in Australian Indigenous children	Prof Anders Cervin, Dr Seweryn Bialasiewicz, Dr Eva Grahn-Hakansson

Research Positions: Coordinators, Fellow, Adjunct and Honorary Positions

Name	Type of Fellowship	Research Program	University Affiliation (years)
Sarju Vasani	Honorary Lecturer	UQ School of Medicine	1

Current Research Group / Department Led Research Activity

Research Group / Department Lead Researchers	Collaborative Researchers	Research Project Title
Prof Anders Cervin	Seweryn Bialasiewicz (LCCH)	Microbiota of the Human Sinuses. It's role in health and disease
Prof Anders Cervin	Hanna Sidjabat (UQCCR)	Probiotic Discovery and Development
Prof Anders Cervin	Dr Andrea Coleman	Prevention of otitis media with probiotics in indigenous children

Collaborative Research Activity

Collaborative Lead Researchers (RBWH staff in bold)	Your Research Group / Department Researchers	Research Project Title
Christine Cong Guo (QUT)	Prof Anders Cervin	Developing early biomarkers for Alzheimer's disease using olfactory mucosa
Kirsten Spann (UQ)	Prof Anders Cervin	Defects in antiviral defence in the upper airways of children susceptible to ear infections and/or lower respiratory tract infections
Claire Hopkins (Guys Hospital, London)	Prof Anders Cervin Leon Kitpornchai	Core Outcome Dataset in chronic rhinosinusitis

Research Awards and Achievements

Recipient	Award	Event
Dr Andrea Coleman	Avant	Avant Doctors in Training Research Scholarship - recipient in the Advancement of Medicine category; 2016; \$25,000
	NHMRC	National Health and Medical Research Council Postgraduate Scholarship \$100,530.67

Research Grants – Awarded

Investigators (RBWH staff in bold)	RBWH Research Groups / Departments	Project Title	Granting Body	Amount in 2016	Total Amount (years)
Anders Cervin Seweryn Bialasiewicz	Dep of Otolaryngology Head and Neck Surgery	Microbiota of the Human Sinuses. It's role in health and disease	The Garnett Passe and Rodney Williams Memorial Foundation Conjoint Grant	\$125 000	3

2016 Research Publications

Type (Journal article / Book / Book chapter / Letter)	Publication information (RBWH staff in bold)
Journal article	Phillips NM, Cervin A , Earnshaw J , Sidjabat HE. Melioidosis in a patient with chronic rhinosinusitis. JLO. Cambridge University Press; 2016 Jul;130 Suppl 4(S4):S60–2.
Journal article	Cervin A . The role of macrolide antibiotics in chronic rhinosinusitis. ENT and Audiology News. 2016 Jun 8;25(3):40–1.
Journal article	Mårtensson A, Greiff L, Lamei SS, Lindstedt M, Olofsson TC, Vásquez A, Cervin A . Effects of a honeybee lactic acid bacterial microbiome on human nasal symptoms, commensals, and biomarkers. International Forum of Allergy & Rhinology. 2016 Apr 15;:1–8.
Journal article	Sidjabat HE, Grahn-Håkansson E, Cervin A . Draft Genome Sequence of the Oral Commensal Streptococcus oralis89a with Interference Activity against Respiratory Pathogens. Genome Announc. 2016 Jan 14;4(1):e01546–15–2.
Journal article	Youssef D, Vasani S , Marquess J, Cervin A . 'Rising Incidence of Head and Neck Mucosal Melanoma in Australia.' –J Laryngol Otol. 2016 Dec 5:1–4.

2016 Conference Presentations – Invited Speaker, Oral and Poster

Type (Oral / Poster / Invited)	Presentation information (RBWH staff in bold)
Oral Presentation	Anders Cervin. American Academy of otolaryngology Head & Neck Surgery, Causation or Association Between the Microbiome and Chronic Rhinosinusitis
Oral Presentation	Anders Cervin. Everyday endoscopic sinus surgery and rhinoplasty course. Medical management of difficult to treat Chronic Rhinosinusitis
Symposium	Anders Cervin. European Rhinologic Society Stockholm, Chairing; What to do when nothing works in CRS? Interactive round table session
Oral Presentation invited speaker	Anders Cervin. European Rhinologic Society Stockholm, Extent of sinus surgery in Chronic Rhinosinusitis
Oral Presentation invited speaker	Anders Cervin. European Rhinologic Society Stockholm, What results can we predict for our patients?
Oral Presentation	Anders Cervin. Karolinska Third Annual International Course on Functional Endoscopic Sinus Surgery; FESS instrumentation
Oral Presentation	Anders Cervin. Karolinska Third Annual International Course on Functional Endoscopic Sinus Surgery; Pre-operative workup in chronic rhinosinusitis
Oral Presentation	Anders Cervin. Grand Rounds RBWH; United Airways
Oral Presentation	Anders Cervin. UQCCR; Treating airway disease with probiotics. Is good bacteria the new antibiotics?
Oral Presentation	Anders Cervin. TRI, UQSIG seminar; From the nostril to the brain
Oral Presentation	Sarju Vasani Brisbane Cancer Conference: CXCR4 imaging in management of Head and Neck Cancer
Oral Presentation	Sarju Vasani July 2016: European Rhinological Society Meeting (ERS) Stockholm – Rising Incidence of Mucosal Melanoma in Australia
Oral Presentation	Sarju Vasani May 2016: Royal Australasian College of Surgeons Scientific Meeting Brisbane: Metastatic Cutaneous SCC to the parotid 5 Years' experience at the RBWH
Oral Presentation	Sarju Vasani Mar 2016: ASOHNS Melbourne – Pharyngocutaneous fistula after laryngectomy experience at the Royal Brisbane and Women's Hospital

Other communications and outputs:

Our research group has presence on Facebook, LinkedIn and Twitter as Probiotic Discovery & Development.

Research Publications / Presentations Summary Table

Research Group / Department	Publications		Presentations National and International	
	Journal Articles	Books and Chapters	Oral	Poster
	5	0	15	0

Department of General Surgery

In 2016, publication of our large experience with laparoscopic surgery for colorectal liver metastases was published as an accumulation of 10 years experience. This series places the Royal Brisbane and Women's Hospital HPB unit as the most experienced laparoscopic liver unit in the country. The results of this study were presented in various forms in numerous International meetings to great acclaim.

The series also formed the basis of the thesis for one of our surgeons (Dr David Cavallucci) achieving his Masters of Biostatistics.

Two other important publications across 2016 were also related to advanced laparoscopic surgery, the evolution of Frey's procedure and a Brisbane wide experience of the laparoscopic management of hepatocellular carcinoma.

Dr Nicholas O'Rourke represented the unit internationally as a key member of the international consensus meeting on Laparoscopic liver surgery which reported its outcomes in 2016.

2016 Research Publications

Type (Journal article / Book / Book chapter / Letter)	Publication information (RBWH staff in bold)
Journal articles	Kilburn, Daniel J; Chiow, Adrian KH; Leung, Universe; Siriwardhane, Mehan; Cavallucci, David J; Bryant, Richard; O'Rourke, Nicholas A; Early Experience with Laparoscopic Frey Procedure for Chronic Pancreatitis: a Case Series and Review of Literature
Journal articles	Kilburn, D; Jeavons, C; Cavallucci, D; O'Rourke, T; Yeung, S; Bryant, R; O'Rourke, N, HPB Laparoscopic resection of hepatocellular carcinoma in non-cirrhosis and cirrhosis: The Brisbane experience,
Journal articles	Lewin, Joel W; O'Rourke, Nicholas A; Chiow, Adrian KH; Bryant, Richard; Martin, Ian; Nathanson, Leslie K; Cavallucci, David J, HPB Long-term survival in laparoscopic vs open resection for colorectal liver metastases: inverse probability of treatment weighting using propensity scores,
Journal articles	Cherqui D , G Wakabayashi, DA Geller, JF Buell, N O'Rourke The need for organization of laparoscopic liver resection - Journal of hepato-biliary-pancreatic sciences, 2016
Journal articles	Manas, DM . J Figueras, D Azoulay, JCG Valdecasas, N O'Rourke Expert opinion on advanced techniques for hemostasis in liver surgery - European Journal of Surgical Oncology (EJSO), 2016
Journal articles	Phillips N, T Huey, J Lewin, AW Cheng, NA O'Rourke Surgical management of ampullary somatostatinoma - JOP. J Pancreas (Online), 2016
Journal articles	Barbour A, N O'Rourke, H Chan, YJ Chua, J Kench et al Initial survival outcomes for the AGITG GAP study—a phase II study of perioperative nab-paclitaxel and gemcitabine for resectable pancreatic ductal adenocarcinoma (PDAC). - 2016
Journal articles	Lazzarotto AB, NA O'Rourke, BT Fitzgerald, D Wong Hernia of the diaphragmatic caval foramen causing right atrial "mass", caval obstruction and pulmonary embolism International journal of cardiology, 2016

2016 Conference Presentations – Invited Speaker, Oral and Poster

Type (Oral / Poster / Invited)	Presentation information (RBWH staff in bold)
Invited talk	Statistical Methods for registry data, ANZHPBA scientific meeting, 2016 – Dr David Cavallucci
Invited talk	Pancreaticoduodenectomy, the Queensland experience, ANZHPBA scientific meeting, 2016 – Dr David Cavallucci
Invited talk	Robotic HPB surgery, RACS Annual scientific congress, 2016 – Dr David Cavallucci
Invited talk	Robotic hepatectomy, RACS Annual scientific congress, 2016, Dr David Cavallucci
Invited talk	Credentialling is necessary in laparoscopic HPB Surgery, IHPBA Sao Paulo – Dr Nicholas O'Rourke
Invited talk	The Evolution of Laparoscopic Hepatectomy, AHPBA Trainees course, Charlotte, USA – Dr Nicholas O'Rourke
Invited talk	Training in HPB Surgery, ANZHPBA scientific meeting, 2016 – Dr Nicholas O'Rourke
Poster	Laparoscopic resection for Hepatocellular carcinoma – the Brisbane Experience. Dr Dan Kilburn
Oral	Laparoscopic repair of ventral hernia, RACS Annual Scientific Congress, 2016 – Dr Nick Bell-Allen
Poster	Rapid onset of cirrhosis following SIRTEX with Avastin chemotherapy, IHPBA 2016, Dr Joel Lewin

Research Publications / Presentations Summary Table

Research Group / Department	Publications		Presentations National and International	
	Journal Articles	Books and Chapters	Oral	Poster
HPB Surgery	8	0	8	2



Department of Breast and Endocrine Surgical Unit

The Breast and Endocrine surgical unit has had a productive 2016 from a research point of view with multiple publications and collaborative projects. Our unit now has a complete Breast Cancer Clinical database of all patients treated for Breast cancers at RBWH from 2008 to 2016. As this database has amalgamated Medical oncology and radiation treatment data, it is a valuable resource for future translational research work. This database is currently utilised in a bi-national research project with NZ hospital and University of Auckland investigating the reasons for the survival differences. The database has increased our ability to ability to collaborate with basic and translational researchers and aid the supervision of medical students, junior doctors and surgical trainees in their research endeavours.

The unit is currently involved with Queensland University of Technology in an innovative and exciting project of utilising 3D printing and tissue engineering of nipple reconstruction for patients undergoing nipple sacrificing mastectomy and reconstruction.

Current Research Group / Department Led Research Activity

Research Group / Department Lead Researchers	Collaborative Researchers	Research Project Title
Dr Clement Wong Prof Owen Ung	QUT Centre for biomedical innovation. Lead researcher Professor Dietmar Hutmacher	Tissue engineering and regenerative medicine 3D printed biodegradable scaffolds with tissue-engineered nipple constructs.
Dr.Kowsi Murugappan Prof.Owen Ung	Herston Imaging Research Foundation	Evaluating the accuracy of 18F-FDG PET-MRI scan in detecting regional lymph node disease in Breast cancer patients
Dr.Kowsi Murugappan, Dr.Ben Green, Dr.Clement Wong Prof.Owen Ung	Wesley Medical Hospital and St.Andrew's War memorial Hospital	A retrospective pilot study on the management patterns in Breast Cancer patients treated within a tertiary public and private sector in metropolitan Brisbane

2016 Research Publications

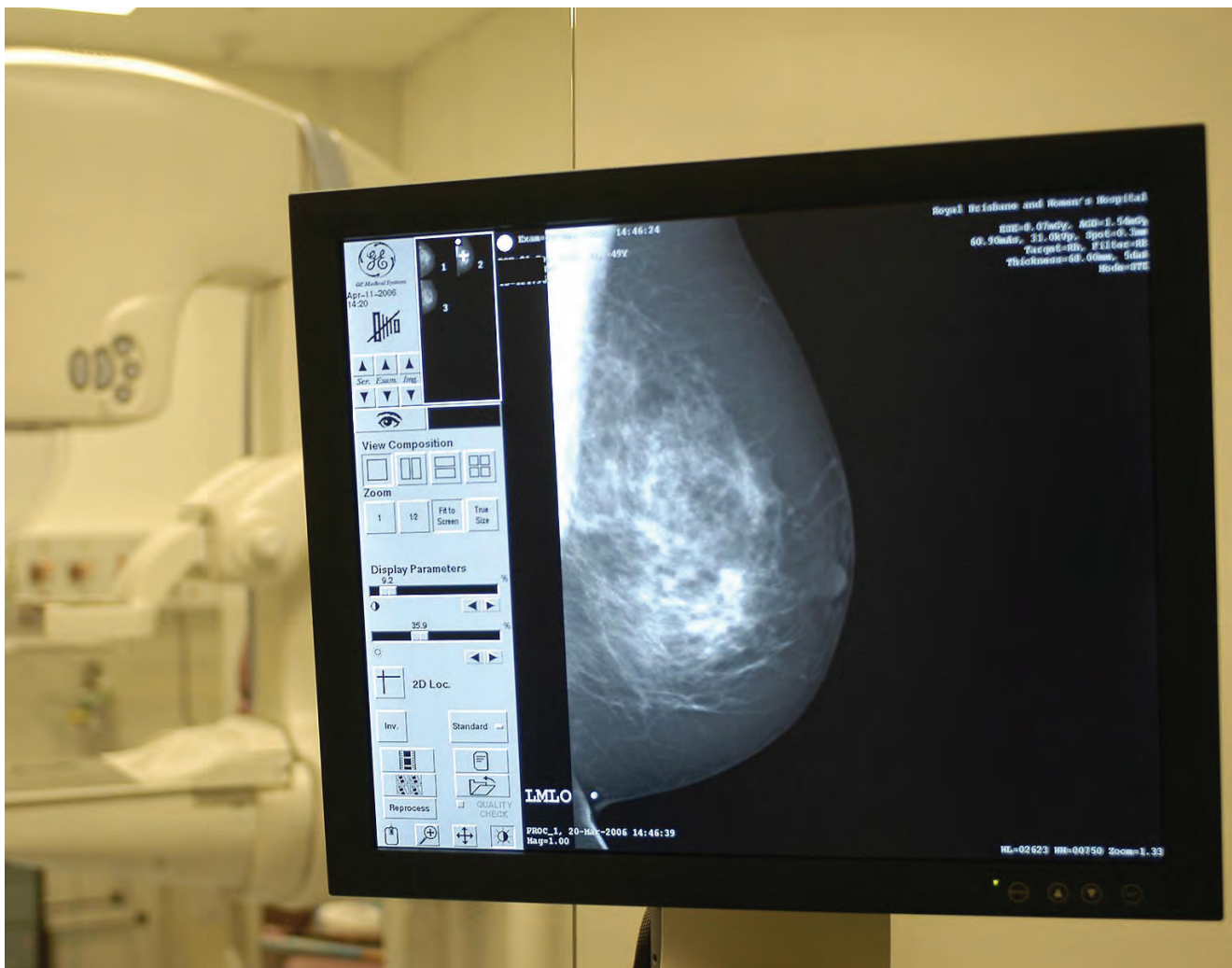
Type (Journal article / Book / Book chapter / Letter)	Publication information (RBWH staff in bold)
Journal articles	Visscher L., Cheng M., Chhaya M., Hintz M., Schantz J., Tran P., Ung O., Wong C. , Hutmacher D. Breast Augmentation and Reconstruction from a Regenerative Medicine Point of View: State of the Art and Future Perspectives Tissue Engineering Part B: Reviews, Jun 2017, Vol.23(3), pp281-293
Journal articles	Wetzig N, Gill PG, Espinoza D, Mister R, Stockler MR, GebSKI V, Ung OA , Campbell I, Simes RJ Sentinel-lymph-node-based management or routine axillary clearance? Five-year outcomes of the RACS Sentinel Node Biopsy versus Axillary Clearance (SNAC) 1 trial: assessment and incidence of true lymphoedema Annals of Surgical Oncology 15 Nov 2016
Journal articles	Kilbreath SL, Refshauge KM, Ward LC, Ung OA , Dylke ES, French JR, Yee J, Koelmeyer L, Gaitatzis K Risk Factors for Lymphoedema in Women with breast cancer The Breast (in press)

2016 Conference Presentations – Invited Speaker, Oral and Poster

Type (Oral / Poster / Invited)	Presentation information (RBWH staff in bold)
Poster	Mui Heng Gho, K Murrugappan G Malhotra, C Wong, B Green, SR Lakhani , O Ung “First Australian Centre: Implementation and evaluation of One-Step Nucleic Acid Amplification (OSNA) in Management of Axilla in Breast Cancer : WCS 2017 Aug 13th Basel, Switzerland

Research Publications / Presentations Summary Table

Research Group / Department	Publications		Presentations National and International	
	Journal Articles	Books and Chapters	Oral	Poster
	3	0	0	1



Trauma Service

Supervised Post-graduate Research Students

Name (RBWH staff in bold)	Current Studies (e.g. PhD, Masters etc.)University (duration)	Research Project Title	Supervisors (RBWH staff in bold)
Tracey Daelman	Master Applied Management (Nursing)	N/A	N/A
Dale Dally-Watkins	Master Applied Management (Nursing)	N/A	N/A
Bilal Zahoor	PhD, University of Queensland	The Outcomes of Pelvic Packing for Control of Haemorrhage	Kevin Tetworth Daryl Wall

Current Research Group / Department Led Research Activity

Research Group / Department Lead Researchers	Collaborative Researchers	Research Project Title
Daryl Wall	Alistair Hamilton	The Benefit of ROTEM in Critical Haemorrhage
Daryl Wall	Alistair Hamilton	A Comparison of Quality of Trauma Tertiary Survey between Doctors and Trauma Nurse Coordinators
Michael Handy		Missed Injuries in Trauma Care

Collaborative Research Activity

Collaborative Lead Researchers (RBWH staff in bold)	Your Research Group / Department Researchers	Research Project Title
Michael Reade	Trauma Service CNC's	PATCH
Cath Hurn	Michael Handy	FIESTY
Daniel Bodner	Michael Handy	PROPHECY
Michael Muller	Michael Handy	RED BLANKET

2016 Conference Presentations – Invited Speaker, Oral and Poster

Type (Oral / Poster / Invited)	Presentation information (RBWH staff in bold)
Oral	Daelman T, Ross J. Expanding the P.A.R.T.Y program across Queensland – SWAN Conference 2016
Poster	Handy, W M. Missed Injury in Trauma Patients poster – Singapore Trauma 2016

Research Publications / Presentations Summary Table

Research Group / Department	Publications		Presentations National and International	
	Journal Articles	Books and Chapters	Oral	Poster
	1	0	1	1

Department of Neurosurgery

The Department of Neurosurgery continues fruitful clinical and translational research collaborations into a wide range of subjects including speech deficits in patients with brain tumours, molecular aberrations in the neuromuscular junction of patients with motor neuron disease and the use of cultured tumour xenografts to investigate genetic alterations and treatment options for primary and secondary brain tumours. New projects have begun into the value of inter-hospital transfer for patients suffering head injury in regional centres, structural changes in the hippocampus of patients with temporal lobe epilepsy, and using molecular-guided PET/MRI imaging to target hypoxia in glioblastoma. Anyone interested in learning about current projects is welcome to attend one of our regular research seminars on the second Tuesday of each month.

Supervised Post-graduate Research Students

Name (RBWH staff in bold)	Current Studies (e.g. PhD, Masters etc.)University (duration)	Research Project Title	Supervisors (RBWH staff in bold)
Vignesh Raman	Honours	Treating Traumatic Brain Injury – Does it matter where?	D. A. Grieve, R. L. Jeffree

Randomized controlled trials:

A pilot study of the role of valproate in the treatment of high grade glioma: Neurosurgery, Radiation Oncology, CSIRO & University of Queensland.

Other clinical research:

The use of functional magnetic resonance imaging (fMRI) and MRI diffusion tractography for pre-surgical language mapping and investigation of neuroplasticity in adults with a brain tumour: *Neurosurgery, Speech Pathology and University of Queensland.*

Australian Genomics and clinical Outcomes of Glioma (AGOG): *National collaboration with multiple hospitals, Lowy Cancer Research Centre & University of NSW.*

Levetiracetam pharmacokinetics in critically ill patients with severe traumatic brain injury and subarachnoid haemorrhage: *Intensive Care Medicine.*

Investigation of the Neuromuscular Junction in patients with Motor Neuron Disease: *Neurosurgery, Neurology, Queensland Brain Institute University of Queensland.*

High field magnetic resonance imaging of hippocampal sclerosis: *Neurosurgery, Medical Imaging, Neurology, Pathology.*

Translational Research and Tissue banking:

Brain cancer tissue and culture bank: *Neurosurgery, QIMR Berghofer Translational Brain Cancer Research Laboratory.*

RBWH-UQ Tissue Bank (Metastases): *Neurosurgery, Molecular Breast Pathology Group UQCCR.*

Queensland Brain Tumour Bank at Wesley Medical Research BioBank: *Neurosurgery.*

Research Grants – Awarded

Investigators (RBWH staff in bold)	RBWH Research Groups / Departments	Project Title	Granting Body	Amount in 2016	Total Amount (years)
Benjamin Chua, Rosalind L. Jeffree, Zarnie Lwin, Po-Ling Inglis, Bryan Day, Yi-Chieh Lim, Stephen Rose, Nicholas Dowson, Paul Thomas, Jacqui Keller	Radiation oncology, Neurosurgery, Medical Oncology, QIMR, CSIRO, Nuclear medicine	Using molecular-guided PET/MRI imaging to target hypoxia in glioblastoma: A preclinical study to identify novel pathways and define molecular signatures associated with hypoxia and poor patient outcome	RBWH Foundation	\$50 000	
CIs: Elizabeth Hovey, Anna Nowak, John Simes, Associate Professor Kerrie McDonald, Katharine Drummond, Professor Michael Buckland, Eng-Siew Koh, Lawrence Cher Als: Claire Phillips, Helen Wheeler, Kate Sawkins, Kurt Jaeckle, Lindy Jeffree , Martin van den Bent, Michael Back, Robyn Leonard, William Patterson, Zarnie Lwin .	Neurosurgery, Medical Oncology	Phase III Intergroup Study of Radiotherapy with Concomitant and Adjuvant Temozolomide versus Radiotherapy with Adjuvant PCV Chemotherapy in Patients with 1p/19q Co-deleted Anaplastic Glioma or Low Grade Glioma: the CODEL trial	Cancer Australia & Cancer NSW		408,074 (2017-2019)

2016 Conference Presentations – Invited Speaker, Oral and Poster

Type (Oral / Poster / Invited)	Presentation information (RBWH staff in bold)
Oral	Colditz, M. J., Antony, J. & Jeffree R. L. "Fluorescence guided surgery for glioblastoma using 5-ALA is associated with survival benefit in a typical Australian public hospital population." Neurosurgical Society of Australasia Annual Scientific Meeting Sydney 2016
Oral	Antony, J. & Jeffree R. L. "Number of Resections is an Independent Predictor of Survival in Patients with Glioblastoma Multiforme". Neurosurgical Society of Australasia Annual Scientific Meeting Sydney 2016
Invited	R. L. Jeffree "Blunt head trauma in the Elderly" The Elderly Surgical Patient, QASM Seminar, Brisbane

Research Publications / Presentations Summary Table

Research Group / Department	Publications		Presentations National and International	
	Journal Articles	Books and Chapters	Oral	Poster
	0	0	3	0

Department of Oral Maxillofacial Surgery

The Oral & Maxillofacial Unit provides a tertiary service for Queensland and beyond covering the full scope of Oral and Maxillofacial Surgery.

Research has focussed on two main areas. The management and reconstruction of head and neck malignancies, and the treatment of facial injuries. The research staff of the unit have continued a high rate of publications, multiple local, national and international lectures and successful grant applications. Successful research higher degree candidates have led to a high demand for future students. The integration of technology using computer assisted planning and 3D printing in clinical practice will be a focus for coming years.

Our research is aimed to deliver services in a cost efficient and timely fashion to patients whilst improving clinical outcomes and minimising the morbidity of treatments. Clinical research has been the focus of the unit but important collaborations with laboratory researchers continue.

Supervised Post-graduate Research Students

Name (RBWH staff in bold)	Current Studies (e.g. PhD, Masters etc.)University (duration)	Research Project Title	Supervisors (RBWH staff in bold)
Nicolas Beech	MPhil UQ (2015 – 2016)	The impact of dental extractions on Osteoradionecrosis and quality of life in irradiated head and neck cancer patients.	Martin Batstone
Michael Hurrell	PhD UQ (2013 – 2017)	The effects of treatment timing on the outcomes of facial fractures.	Martin Batstone
Timothy Liu	(MPhil) UQ (2016 – 2017)	The utility of radiotherapy in intermediate risk oral cavity SCC.	Martin Batstone
Benjamin Fu	(MPhil) UQ (2015 - 2016)	CT Scanning in odontogenic infections of the head and neck.	Martin Batstone
Kelsey Pateman	PhD (UQ) (2011 – 2016)	Support needs and quality of life implications following head and neck cancer.	Martin Batstone

Collaborative Research Activity

Collaborative Lead Researchers (RBWH staff in bold)	Your Research Group / Department Researchers	Research Project Title
Caroline Acton , Bronwyn Griffin, Tona Gillen, Roy Kimble	Centre for Burns and trauma Research, Lady Cilento Childrens hospital	Childhood Bicycle Injuries

Research Awards and Achievements

Recipient	Award	Event
Martin Batstone	Chris O'Brien Travelling Fellowship Joint ANZHNCs/AHNS Award	
Bronwyn Griffin, Caroline Acton , Tona Gillen, Roy Kimble	Best presentation award	18 th International conference on nursing and emergency medicine, Sept 2016, Rome, Italy

2016 Research Publications

Type (Journal article / Book / Book chapter / Letter)	Publication information (RBWH staff in bold)
Journal article	Beech N, Porceddu S, Batstone MD . Preradiotherapy dental extractions and health-related quality of life. <i>Oral Surg Oral Med Oral Pathol Oral Radiol</i> . 2016 Dec;122(6):672-679.
Journal article	Pillay RR, Bilski A, Batstone M. Ameloblastic Fibrosarcoma Arising in the Maxilla. <i>Ochsner J</i> . 2016 Summer;16(2):143-5.
Journal article	Subramaniam S, Sharp D, Jardim C, Batstone MD . Cost-effectiveness of monitoring free flaps. <i>Br J Oral Maxillofac Surg</i> . 2016 Jun;54(5):579-83.
Journal article	Ellis OG, David MC, Park DJ, Batstone MD . High-Volume Surgeons Deliver Larger Surgical Margins in Oral Cavity Cancer. <i>J Oral Maxillofac Surg</i> . 2016 Jul;74(7):1466-72.
Journal article	McNamara Z, Findlay G, O'Rourke P, Batstone M . Removal versus retention of asymptomatic third molars in mandibular angle fractures: a randomized controlled trial. <i>Int J Oral Maxillofac Surg</i> . 2016 May;45(5):571-4.
Journal article	Van Genechten ML, Batstone MD. The relative survival of composite free flaps in head and neck reconstruction. <i>Int J Oral Maxillofac Surg</i> . 2016 Feb;45(2):163-6.
Journal article	Hurrell MJ, Borgna SC , David MC, Batstone MD . A multi-outcome analysis of the effects of treatment timing in the management of zygomatic fractures. <i>Int J Oral Maxillofac Surg</i> . 2016 Jan;45(1):51-6.
Journal article	Farah CS, Dalley AJ, Nguyen P, Batstone M , Kordbacheh F, Perry-Keene J, Fielding D. Improved surgical margin definition by narrow band imaging for resection of oral squamous cell carcinoma: A prospective gene expression profiling study. <i>Head Neck</i> . 2016 Jun;38(6):832-9.
Journal article	Badenoch-Jones EK, David M, Lincoln T . Piezoelectric compared with conventional rotary osteotomy for the prevention of postoperative sequelae and complications after surgical extraction of mandibular third molars: a systematic review and meta-analysis. <i>Br J Oral Maxillofac Surg</i> . 2016 Dec;54(10):1066-1079.
Journal article	Badenoch-Jones EK, Lincoln T . Palatal injection for removal of maxillary teeth: is it required? A systematic review. <i>Int J Oral Maxillofac Surg</i> . 2016 Oct;45(10):1283-92.

2016 Conference Presentations – Invited Speaker, Oral and Poster

Type (Oral / Poster / Invited)	Presentation information (RBWH staff in bold)
Oral	Batstone M , Queensland Health Cancer Forum. The importance of partnerships. 30 th May 2016.
Oral	Batstone M , Osteoradionecrosis and Trismus. PA Hospital Symposium. June 2016.
Keynote Speaker	Batstone M , Keynote speaker. Australian Society of Orthodontics, Reconstruction of small jaw defects Gold Coast. August 2016.
Oral	Batstone M , Providence Portland and OHSU scientific meeting. Radiotherapy in Oral cavity cancer. Primum non nocere. July, 2016.
Oral	Batstone M , International conference for perforator flaps. Sydney. Challenging donor vessels in Head and Neck Reconstruction. November 2016.
Oral	Acton C , Kimble R, Griffin B, Gillen T. Bicycles, Children and Trauma 20 years on. 20 th meeting, Australasian Trauma Society. October 2016.
Oral	Griffin B, Acton C , Gillen T, Kimble R.: A 20 year Comparison of Australian Childhood Bicycle Injuries–Have we made a difference? 18 th International Conference on Nursing and Emergency Medicine, Rome, Italy, Sept. 2016. BEST Presentation award
Poster	Griffin B, Acton C , Gillen T, Kimble R. , A 20 year comparison of Australian childhood bicycle injuries–have we made a difference? 2 nd Global conference on Emergency Nursing and Trauma care Sept 2016 Sitges, Spain Sept 2016

Research Publications / Presentations Summary Table

Research Group / Department	Publications		Presentations National and International	
	Journal Articles	Books and Chapters	Oral	Poster
Oral & Maxillofacial Surgery Unit	10	0	7	1

Department of Orthopaedic Surgery

Supervised Post-graduate Research Students

Name (RBWH staff in bold)	Current Studies (e.g. PhD, Masters etc.)University (duration)	Research Project Title	Supervisors (RBWH staff in bold)
Nicholas Green	Masters, QUT (2016-2017)	Impact of in-house 3D rapid prototype technology used as a preoperative planning aid for complex fracture treatment.	Kevin Tetsworth , Caroline Grant

Current Research Group / Department Led Research Activity

Research Group / Department Lead Researchers	Collaborative Researchers	Research Project Title
Kevin Tetsworth	Matthew Randall, Campbell Tingtate , Timothy Buisoletti	Anterior plate versus ORIF for humerus shaft fractures
Brett Halliday	Jon Anderson	Arthroplasty in Haemophilic Patients



Department of Plastic and Reconstructive Surgery

2016 Research Publications

Type (Journal article / Book / Book chapter / Letter)	Publication information (RBWH staff in bold)
Journal	Subramaniam, Shiva, Sharp, David, Jardim, Christopher and Batstone, Martin D. (2016) Cost-effectiveness of monitoring free flaps. British Journal of Oral and Maxillofacial Surgery, 54 5: 579-583. doi:10.1016/j.bjoms.2016.03.006

2016 Conference Presentations – Invited Speaker, Oral and Poster

Type (Oral / Poster / Invited)	Presentation information (RBWH staff in bold)
Oral	2017 RACS annual scientific congress, Verbal presentation 11/5/17, "Neonatal compartment syndrome" Christopher Jardim
Oral	2017 RACS annual scientific congress, Verbal presentation 9/5/17, "Intra-operative TRAM/DIEP diffuse venous congestion and caliber of Superficial Inferior Epigastric venous system" Christopher Jardim
Poster	The ALT free flap: A rare case of dominant rectus femoral perforator, Roman Mykula

Other communications and outputs:

- 400 Consecutive case series of buccinator flap based intra oral reconstructions.
- Effect of radiotherapy on latissimus dorsi free flap reconstruction of craniectomy lesions.
- 5 year Review of lip cutaneous scc.

Research Publications / Presentations Summary Table

Research Group / Department	Publications		Presentations National and International	
	Journal Articles	Books and Chapters	Oral	Poster
	1	0	2	1

Department of Thoracic Medicine

A highlight of 2016 was the six month period the world's first bronchoscopic robot spent in the department, supported by its manufacturer Intuitive Surgical (USA). A total of 30 patients underwent bronchoscopy by the robot, in the first ever trial of this device on humans. The robot increased both diagnostic accuracy and safety in the biopsy of small pulmonary nodules and the results are to be presented at an international respiratory conference in late 2016.

Another highlight was the bronchoscopy team winning runner-up award in the Premier's Awards for Excellence in Innovation in November 2016 (photo below).

The department continued its collaboration with the University of Melbourne in the long running Tasmanian longitudinal asthma study, now in its 55th year. All 8,500 babies born in Tasmania in 1961 were included in the study, around 20% of whom had childhood asthma. These subjects, now aged 55, have been followed up every few years by questionnaire and in some cases pulmonary function and blood testing. Around 130 of the cohort are resident in Queensland. Publications arising from the project are shedding light on asthma mechanisms as well as interactions with environmental and genetic factors.

Grants supporting the department's research activities in 2016 included:

- NHMRC \$2m – Screening for early detection of lung cancer. Fong K, Fielding D, Ritchie A et al.
- Intuitive Surgical (USA) \$50,000 – Data management and radiology supporting Bronchoscopic robot project. **Fielding D, Bashirzadeh F et al.**
- Boston Scientific (USA) \$50,000 – Data management supporting bronchial thermoplasty in asthma project. Fielding D, Bashirzadeh F et al.
- NHMRC \$570,000 – Tasmanian longitudinal asthma study. Dharmage S, Abramson M, Morrison S et al.
- Pathology Qld \$100,000 – Genetics studies of lung cancer biopsy specimens. Fielding D, Singh M et al.



Research Positions: Coordinators, Fellow, Adjunct and Honorary Positions

Type of Position (Conjoint fellow, Adjunct, Honorary)	Name	Research Program	University Affiliation (years)
Research Nurse	Joanne Fuller	Interstitial Lung Disease	

Current Research Group / Department Led Research Activity

Research Group / Department Lead Researchers	Collaborative Researchers	Research Project Title
Fielding D	Pathology Qld, UQCCR, QIMR	Lung cancer genetics studies
Fielding D	Intuitive Surgical (USA)	Robotic bronchoscopy study
Fielding D	Boston Scientific Pty Ltd	Bronchial thermoplasty study
Fielding D	Bashirzadeh F et al	Interventional bronchoscopy studies
Zappala C	Boots R et al	Interstitial lung disease studies
Ritchie A	Fong K, Fielding D	Screening for early detection of lung cancer
Boots R	ICU RBWH	Intensive care studies

Collaborative Research Activity

Collaborative Lead Researchers (RBWH staff in bold)	Your Research Group / Department Researchers	Research Project Title
Dharmage S, Abramson M et al University of Melbourne	Morrison S	Tasmanian longitudinal asthma study
Fielding D, Bashirzadeh F, RBWH Pearson J, Nones K, Waddall N, QIMR Berghofer Medical Research Institute Lakhani S, McCartreed A, Black D, Dalley A, Simpson P, University of Qld Centre for Clinical Research Singh M, Nandakumar L, Pathology Qld	Fielding D, Bashirzadeh F	Lung Cancer Genetic studies

Research Awards and Achievements

Recipient	Award	Event
Bronchoscopy team (Fielding D, Bashirzadeh F, Todman M, Haslemore J et al)	Runner-up prize	Premier's Award for Excellence in Innovation

2016 Conference Presentations – Invited Speaker, Oral and Poster

Type (Oral / Poster / Invited)	Presentation information (RBWH staff in bold)
Oral - TSANZ	Fielding D, Bashirzadeh F et al – Next generation sequencing
Oral - TSANZ	Glaspole I, Zappala C et al – Quality of life in patients with IPF
Oral - TSANZ	Jo H, Zappala C et al – Baseline pulmonary function test predicts survival in IPF
Oral - TSANZ	Glaspole I, Zappala C et al – Anxiety and depression in IPF
Oral - TSANZ	Galt L, Pahoff C, Ritchie A, Duffy D, Fielding D – Inter-observer variability in the recognition of bronchial segments
Oral - TSANZ	Fielding D, Bashirzadeh F et al – A new bronchoscopy teaching tool
Oral - TSANZ	Fielding D, Galt L, Pahoff C, Ritchie A, Hundloe J, Bashirzadeh F , Kurimoto N – CT detection of visible endobronchial anatomical variants
Oral - TSANZ	Alif S, Dharmage S, Morrison S et al – Occupational exposure to vapour, gases/fumes, dust and lung function in middle aged population
Poster - TSANZ	Rodwell L, McElrea M, Schneider I, Brown M et al – Culturally supportive spirometry training
Poster - TSANZ	Sha J, Langton D, Ing A, Fielding D – First clinical application of bronchial thermoplasty in Australia
Poster - TSANZ	Thirunavukarasu C, Bashirzadeh F, Fielding D – Talc poudrage is an effective treatment option
Poster - TSANZ	Thirunavukarasu C, Bashirzadeh F, Fielding D – Pleuroscopy is effective in the diagnosis of benign pleural conditions
Poster - TSANZ	Galt L, Pahoff C, Ritchie A, Duffy D, Fielding D – High incidence of the segmental bronchial anatomy variations
Poster - TSANZ	Gibson G, Fielding D, Steinke K, Ravikumar A, Bashirzadeh F, Roach R, Windsor M , Ware R – In the investigation of solitary nodules
Poster - TSANZ	Gibson G, Fielding D, Steinke K, Ravikumar A, Bashirzadeh F, Roach R, Windsor M , Ware R – FDG-PET/CT is sensitive but not specific
Poster - TSANZ	Bowatte G, Perret J, Morrison S et al – Association between traffic related air pollution exposure and allergic sensitisation, asthma and LFT
Poster - TSANZ	Perret J, Bowatte G, Morrison S et al – Nitrogen dioxide exposure is associated with increases in serum interleukin 6
Poster - TSANZ	Pattison A, Fielding D, Cook A, Singh M, Nandakumar L – Cytological findings due to occupational dust with EBUS TBNA

2016 Research Publications

Type (Journal article / Book / Book chapter / Letter)	Publication information (RBWH staff in bold)
Journal	Perret, JL., H Walters, D Johns, L Gurrin, J Burgess, A Lowe, B Thompson, J Markos, S Morrison , P Thomas, C McDonald, R Wood-Baker, J Hopper, C Svanes, G Giles, M Abramson, M Matheson, S Dharmage. Mother's smoking and complex lung function of offspring in middle age. <i>Respirology</i> 2016 21(5) 911-919.
Journal	Matheson, MC, MJ Abramson, K Allen, G Benke, JA Burgess, JG Dowty, B Erbas, IH Feather, PA Frith, GG Giles, LC Gurrin, GS Hamilton, JL Hopper, AL James, MA Jenkins, DP Johns, CJ Lodge, AJ Lowe, J Markos, SC Morrison , JL Perret, MC Southey, PS Thomas, BR Thompson, R Wood-Baker, E Haydn Walters, SC Dharmage. Cohort Profile: The Tasmanian Longitudinal Health Study (TAHS). <i>Int J Epidemiol</i> 2016 Jun 6 pii:dyw028 [Epub ahead of print].
Journal	Matheson, MC, JC Reece, RK Kandane-Rathnayake, ML Tang, JA Simpson, IH Feather, MC Southey, H Tsimiklis, JL Hopper, SC Morrison , GG Giles, EH Walters, SC Dharmage. Mould-sensitized adults have lower Th2 cytokines and a higher prevalence of asthma than those sensitized to other aeroallergens. <i>Allergy</i> 2016 71(12) 1701-1711.
Journal	Tan, DJ, EH Walters, JL Perret, JA Burgess, DP Johns, AJ Lowe, CJ Lodge, P Hayati Rezvan, JA Simpson, S Morrison , BR Thompson, PS Thomas, I Feather, GG Giles, JL Hopper, MJ Abramson, MC Matheson, SC Dharmage. Clinical and functional differences between early-onset and late-onset adult asthma: a population-based Tasmanian Longitudinal Health Study. <i>Thorax</i> 2016 71(11) 981-987.
Journal	Kruavit A, Jain M, Fielding D , Heraganahally S. Exercise-induced endobronchial hemorrhage: a rare clinical presentation. <i>Respir Case Rep</i> . 2016 May 5 4(4) e00163. doi: 10.1002/rcr2.163. eCollection 2016 Jul
Journal	Dumas C, Fielding D , Coles T, Good N. Development of a novel image-based program to teach narrow-band imaging. <i>Ther Adv Respir Dis</i> . 2016 Aug;10(4):300-9.

Type (Journal article / Book / Book chapter / Letter)	Publication information (RBWH staff in bold)
Journal	Fielding DI , Schuster DD. Distinguishing Bronchoscopic Changes of Mitral Stenosis From Carcinoma In Situ With Narrow Band Imaging (NBI). J Bronchology Interv Pulmonol. 2016 Apr 11. [Epub ahead of print].
Journal	Paratz JD, Boots RJ . Dealing with the critical care aftermath: where to from here? J Thorac Dis. 2016 Sep;8(9):2400-2402
Journal	Bellapart J, Abi-Fares C, Cuthbertson K, Dunster K, Diab S, Platts DG, Raffel C, Gabrielian L, Barnett A, Paratz J, Boots R , Fraser JF. Cerebral microcirculation during mild head injury after a contusion and acceleration experimental model in sheep. Brain Inj. 2016 30(13-14) 1542-1551
Journal	Boots R . Prevention of Nosocomial Infection in the Neurosciences Intensive Care Unit: Remember the Basics. Neurocrit Care. 2016 Oct 25(2) 167-9.
Journal	Bandeshe H, Boots R , Dulhunty J, Dunlop R, Holley A, Jarrett P, Gomersall CD, Lipman J, Lo T, O'Donoghue S, Paratz J, Paterson D, Roberts JA, Starr T, Stephens D, Stuart J, Thomas J, Udy A, White H. Is inhaled prophylactic heparin useful for prevention and Management of Pneumonia in ventilated ICU patients?: The IPHIVAP investigators of the Australian and New Zealand Intensive Care Society Clinical Trials Group. J Crit Care. 2016 Aug 34 95-102.
Journal	Bissett BM, Leditschke IA, Neeman T, Boots R , Paratz J. Inspiratory muscle training to enhance recovery from mechanical ventilation: a randomised trial. Thorax. 2016 Sep 71(9) 812-9
Journal	Mitric G, Udy A, Bandeshe H, Clement P, Boots R . Variable use of amiodarone is associated with a greater risk of recurrence of atrial fibrillation in the critically ill. Crit Care. 2016 Apr 2 20 90. doi: 10.1186/s13054-016-1252-2.
Journal	Bellapart J, Cuthbertson K, Dunster K, Diab S, Platts DG, Raffel OC, Gabrielian L, Barnett A, Paratz J, Boots R , Fraser JF. Cerebral Microcirculation during Experimental Normovolaemic Anemia. Front Neurol. 2016 Feb 2 7 6. doi: 10.3389/fneur.2016.00006. eCollection 2016.
Journal	Bellapart J, Roberts JA, Appadurai V, Wallis SC, Nuñez-Nuñez M, Boots RJ . Pharmacokinetics of a novel dosing regimen of oral melatonin in critically ill patients. Clin Chem Lab Med. 2016 Mar 54(3) 467-72.
Journal	Forbes MP, Manoharan B, Zappala C . Nurse endoscopy in Australia. Intern Med J. 2016 Apr;46(4):508-9
Journal	Azzopardi M, Thomas R, Muruganandan S, Lam DC, Garske LA, Kwan BC, Rashid Ali MR, Nguyen PT, Yap E, Horwood FC, Ritchie AJ , Bint M, Tobin CL, Shrestha R, Piccolo F, De Chaneet CC, Creaney J, Newton RU, Hendrie D, Murray K, Read CA, Feller-Kopman D, Maskell NA, Lee YC. Protocol of the Australasian Malignant Pleural Effusion-2 (AMPLE-2) trial: a multicentre randomised study of aggressive versus symptom-guided drainage via indwelling pleural catheters. BMJ Open. 2016 Jul 5 6(7):e011480. doi: 10.1136/bmjopen-2016-011480
Journal	Ritchie AJ , Sanghera C, Jacobs C, Zhang W, Mayo J, Schmidt H, Gingras M, Pasian S, Stewart L, Tsai S, Manos D, Seely JM, Burrowes P, Bhatia R, Atkar-Khattra S, van Ginneken B, Tammemagi M, Tsao MS, Lam S; Pan-Canadian Early Detection of Lung Cancer Study Group.. Computer Vision Tool and Technician as First Reader of Lung Cancer Screening CT Scans. J Thorac Oncol. 2016 May;11(5):709-17.

Research Publications / Presentations Summary Table

Research Group / Department	Publications		Presentations National and International	
	Journal Articles	Books and Chapters	Oral	Poster
Thoracic Medicine	18	0	8	10

Department of Urology

2016 Research Awards and Achievements

Recipient	Award	Event
Urology OPD	Quarries	Nominated for a Quarry Award

Research Grants – Awarded

Investigators (RBWH staff in bold)	RBWH Research Groups / Departments	Project Title	Granting Body	Amount in 2016	Total Amount (years)
Chambers SK, Newton R, Scuffham P, Baade P, Galvão D, Dunn J, Smith D, Wittert G, Davis I, Gardiner RA (Frank) .	NHMRC	Centre for Research Excellence in Prostate Cancer Survivorship.		\$499,768	2016-20. \$2,498,842
Gurney H, Nair-Shalliker V, Smith D, GebSKI V, Patel M, Frydenberg M, Gardiner RA , Kimlin M, Fenech M, Gillatt D.	Movember	A Phase II randomised controlled trial of high dose vitamin D in localised prostate cancer with intermediate risk of progression.		\$208,074	2016-20 \$1,040,370
Gardiner RA , Chambers SK, Dunglison N , Yaxley J , Occhipinto S, Carter R, Williams S, Lavin MF.	Cancer Council Queensland Strategic Research Partnership	A randomised controlled trial of open and robotic prostatectomy: Integrated multidisciplinary studies to guide patient management.		\$149,000	2008-17 \$1,490,000
Schofield P, Juraskova I, Frydenberg M, Chambers S, Gordon L, Gardiner RA .	NHMRC	ASTROID: Active Surveillance and other treatment options for prostate cancer.		\$149,940	2015-19 \$749,704
Yaxley J , Gardiner RA , Coughlin G , Gianduzzo T	Royal Brisbane & Women's Hospital Foundation. Royal Brisbane & Women's Hospital Foundation	Molecular effects of metformin and atorvastatin in prostate cancer.	Queensland Health	\$20 000	2016 – 2017 \$40,000
Galvao D, Chambers SK, Newton R, Gardiner RA , Cormie P, Spry N, Taafe D, Joseph D, Hamilton	NHMRC	Improving sexual health in men with prostate cancer: a randomised controlled trial of exercise and psychosocial therapies.		\$140,461	2014-17 \$561,845

2016 Conference Presentations – Invited Speaker, Oral and Poster

Type (Oral / Poster / Invited)	Presentation information (RBWH staff in bold)
Invited Plenary Presentations	“A randomised trial of robotic and open prostatectomy” - British Association of Urological Surgeons and Urological Society of Australia and New Zealand Session at the American Urological Association Annual Scientific Meeting, San Diego, May 2016 Gardiner, RA (Frank)
Invited Plenary Presentations	“A randomised trial of robotic and open prostatectomy” - Eastern Section of Japanese Urological Association Annual Scientific Meeting, Aomori, Japan, October 2016. Gardiner, RA (Frank)

2016 Research Publications

Type (Journal article / Book / Book chapter / Letter)	Publication information (RBWH staff in bold)
Journal	Yaxley JW , Coughlin GD, Chambers SK, Dunglison N, Gardiner RA. Invited response to letters re:Robotic–assisted laparoscopic radical prostatectomy (RALP) versus open radical retropubic prostatectomy (RRP): early outcomes from a randomised controlled phase 3 study. <i>The Lancet</i> 2017, Feb 25: 389(10071): 800-801
	Yaxley JW , Coughlin GD, Chambers SK, Dunglison N, Gardiner RA. Invited response to letters re:Robotic–assisted laparoscopic radical prostatectomy (RALP) versus open radical retropubic prostatectomy (RRP): early outcomes from a randomised controlled phase 3 study. <i>The Lancet</i> 2017, Feb 25: 389(10071): 800-801
	Yaxley JW , Coughlin GD, Chambers SK, Occhipinti S, Samaratunga H, Zajdlewicz L, Dunglison N, Carter R, Williams S, Payton DJ, Perry-Keene J, Lavin MF, Gardiner RA. <i>Lancet</i> .2016 Sep 10;388(10049):1057-66. Doi:10.1016/S0140-6736(16)30592-X. Epub 2016 Jul 26. Robot-assisted laparoscopic prostatectomy versus open radical Retropubic prostatectomy: early outcomes from a randomised controlled phase 3 study.
	Roberts MJ, Yaxley JW , Coughlin GD, Gianduzzo TR, Esler RC, Dunglison NT, Chambers SK, Medcraft RJ, Chow CW, Schirra HJ, Richards RS, Kienzle N, Lu M, Brereton I, Samaratunga H, Perry-Keene J, Payton D, yama C, Doi SA, Lavin MF, Gardiner RA. <i>Contemp Clin Trials</i> . 2016 Jun 29;50:16-20.doi: 10.1016/j.cct.2016.06.014 (Epub ahead of print) Can atorvastatin with metformin change the natural history of prostate cancer as characterized by molecular, metabolomics, imaging and pathological variables? A randomised controlled trial protocol.
	Roberts MJ, Richards RS, Chow CW, Doi SA, Schirra HJ, Buck M, Samaratunga H, Perry-Keene J, Payton D, Yaxley J , Lavin MF, Gardiner RA Prostate-based biofluids for the detection of prostate cancer: A comparative study of the diagnostic performance of cell-sourced RNA biomarkers. <i>Prostate Int</i> . 2016 Sep;4(3):97-102. doi: 10.1016/j.pmil.2016.04.002. PMID:27689066
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	Williams S, Yaxley JW, Coughlin GD, Gardiner RA . A randomised control trial of salvage radiotherapy and androgen deprivation therapy following prostatectomy: commentary on five year follow-up findings. <i>Transl Androl Urol</i> . 2016 Dec;5(6):971-973. doi: 10.21037/tau.2016.11.15
	Hill MM, Gardiner RA. Prospecting for prostate cancer with precision medicine. <i>Transl Cancer Res</i> 2016;5 (Suppl 4):S865-S867. doi: 10.21037/tcr.2016.10.18
	Gianduzzo TRJ, Gardiner RA, Rashid P, Young R, Frydenberg M, Kelly S. The importance of an organisation’s brand name: as illustrated by prostate cancer advocacy in Australia. <i>BJUJ</i> . DOI: 10.1111/bju.13469
	Roberts MJ, Yaxley JW, Coughlin GD, Gianduzzo TRJ, Esler RC, Dunglison NT, Chambers SK, Medcraft RJ, Chow CWK, Schirra HJ, Richards RS, Kienzle N, Lu M, Brereton I, Samaratunga H, Perry-Keene J, Payton D, Oyama C, Doi SA, Lavin MF, Gardiner RA . Can atorvastatin with metformin change the natural history of prostate cancer as characterized by molecular, metabolomic, imaging and pathological variables? A randomized controlled trial protocol. <i>Contemp Clin Trials</i> . 2016;50:16-20
	Yaxley JW, Lah K, Yaxley JP, Gardiner RA , Samaratunga H, MacKean J. Long term outcome data for an Australian series of high dose rate (HDR) prostate brachytherapy for intermediate and high risk prostate cancer with a median follow up of 10 years. <i>BJU Int</i> . 2016 Sep 15. doi: 10.1111/bju.13659. [Epub ahead of print]
	Gardiner RA , Mainwaring P, Lavin MF. Integrating molecular profiling from liquid biopsies with a calculator algorithm to detect high-risk prostate cancer. <i>Eur Urol</i> . 2016 May 24. pii: S0302-2838(16)30176-2
	Roberts MJ, Richards RS, Chow CWK, Doi SAR, Schirra HJ, Buck M, Samaratunga H, Perry-Keene J, Payton D, Yaxley J, Lavin MF, Gardiner RA . Prostate-based biofluids for the detection of prostate cancer: a comparative study of the diagnostic performance of cell-sourced RNA biomarkers. <i>Prostate Int</i> . 2016;4(3):97-102.
	Yaxley JW, Coughlin GD, Chambers SK, Occhipinti S, Samaratunga H, Zajdlewicz L, Dunglison N, Carter R, Williams S, Payton DJ, Perry-Keene J, Lavin MF, Gardiner RA . A randomised controlled trial of robotic vs. open radical prostatectomy: Early outcomes. www.thelancet.com Published online July 26, 2016 http://dx.doi.org/10.1016/S0140-6736(16)30592-X
	Chambers SK, Foley E, Clutton S, McDowall R, Occhipinti S, Berry M, Stockler MR, Lepore SJ, Frydenberg M, Gardiner RA , Davis ID, Smith DP. The role of mindfulness in distress and quality of life for men with advanced prostate cancer. <i>Qual Life Res</i> . 2016 Jun 17. [Epub ahead of print] DOI 10.1007/s11136-016-1341-3
	Galvao D, Taaffe D, Spry N, Gardiner RA , Taylor R, Risbridger G, Frydenberg M, Hill M, Chambers SK, Stricker P, Shannon T, Hayne D, Zopf E, Newton R. Enhancing Active Surveillance for Men with Prostate Cancer: The Potential Role of Exercise Medicine. <i>Nature Reviews Urology</i> doi:10.1038/nrurol.2016.46 Epub 2016 March 2016.

Type (Journal article / Book / Book chapter / Letter)	Publication information (RBWH staff in bold)
	Hyde MK, Newton RU, Galvão DA, Gardiner RA, Occhipinti S, Lowe A, Wittert GA, Chambers SK. Men's help-seeking in the first year after diagnosis of localised prostate cancer. <i>European Eur J Cancer Care (Engl)</i> . 2016 Apr 25. doi: 10.1111/ecc.12497. [Epub ahead of print]
	Roberts MJ, Hattwell JPN, Chow CWK, Lavin M, Pierens GK, Gardiner RA, Schirra HJ. Tartrate inhibition of prostatic acid phosphatase improves seminal fluid metabolite stability. <i>Metabolomics</i> . 2016, 12:162
Publications Submitted:	Newton RU, Schumann M, Wall BA, Häkkinen K, Taaffe D, Spry N, Joseph D, Gardiner RA , Chambers SK, Kraemer WJ, Cormie P, Galvão DA. Association of duration of ADT with physical fitness, body composition and quality of life in men with prostate cancer. Submitted to <i>Asian Journal of Andrology</i>
	Galvão DA, Newton RU, Girgis A, Lepore S, Stiller A, Mihalopolous C, Gardiner RA , Taaffe DR, Occhipinti S, Chambers SK. Randomized Controlled Trial of a Peer Led Multimodal Intervention for Men with Prostate Cancer to Increase Exercise Participation. Submitted <i>European Urology</i>
	Gordon LG, Tuffaha HW, James R, Keller AT, Lowe A, Scuffham PA, Gardiner RA . Avoiding the prostate cancer cost tsunami: a Markov modelling analysis. Being re-submitted to <i>Urologic Oncology</i> .
	Zajdlewicz L, Hyde MK, Lepore SJ, Gardiner RA , Chambers SK. Quality of Life after the Diagnosis of Locally-Advanced or Advanced Prostate Cancer: A Longitudinal Study. Accepted, <i>Oncology Nursing Forum</i>
	Mervin C, Lowe A, Gardiner RA, Smith D, Aitken J, Chambers S, Gordon L. What does it cost Medicare to diagnose and treat men with localised prostate cancer in the first year? Resubmitted to <i>APJCO</i>
Manuscripts in preparation	Roberts MJ, Richards RS, Chow CWK, Hattwell JPN, Doi SAR, Buck M, Yaxley J, Lavin MF, Schirra HJ, Gardiner RA . Seminal fluid metabolomics to detect and characterise clinically significant prostate cancer.
	RS Richards, CW Chow, MM Hill, MJ Roberts, JW Catto, RA Gardiner , MF Lavin. Seminal plasma is a source of extracellular RNA biomarkers for prostate cancer.

Research Publications / Presentations Summary Table

Research Group / Department	Publications		Presentations National and International	
	Journal Articles	Books and Chapters	Oral	Poster
	25	0	0	0



Department of Vascular Surgery

Dr Jason Jenkins is the chief investigator on a number of National Health and Medical Research Council funded clinical trials aimed at improving the management of vascular disease. Dr Jenkins has significant research collaborations with Professor Jon Golledge's group at James Cook University, Dr Chris Askew at the University of the Sunshine Coast, Professor Rob Fitridge at the University of Adelaide, Professor Bronwyn Kingwell at the Baker IDI Heart and Diabetes Research Institute and Professor Malcolm West's group at The Prince Charles Hospital.

During 2016, under the supervision of Dr Jason Jenkins and in collaboration with the University of Queensland, the Department of Vascular Surgery participated in a variety of research projects in the area of vascular disease. Research ranged from basic science investigation into the aetiology of aortic aneurysmal disease, through to studies of devices for the endoluminal management of aortic pathology. The department played a key role in the recruitment of participants to multicentre clinical trials assessing medical therapies for the management of abdominal aortic aneurysm (AAA), as well as a behavioural intervention trial for patients with peripheral artery disease (PAD).

Research carried out by the Vascular Department has the potential to significantly improve the management of patients with PAD. At present there is no known medical therapy for the treatment of AAAs. The clinical trials underway within the department aim to identify an agent which may be used to slow down the growth of AAAs, with the long-term goal of reducing the numbers of patients required to undergo AAA repair. Research into novel endoluminal devices aims to identify a more clinically effective solution for endovascular repair of AAAs.

Current Research Group / Department Led Research Activity

Research Group / Department Lead Researchers	Collaborative Researchers	Research Project Title
Dr Jason Jenkins	Prof Jon Golledge (James Cook University)	Telmisartan in the management of abdominal aortic aneurysm (TEDY)
Dr Jason Jenkins	Prof Jon Golledge (James Cook University)	Fenofibrate in the management of abdominal aortic aneurysm (FAME)
Dr Jason Jenkins	Prof Jon Golledge (James Cook University)	Fenofibrate in the management of abdominal aortic aneurysm-2 (FAME-2)
Dr Jason Jenkins	Prof Jon Golledge (James Cook University)	Effect of a dietary supplement on abdominal aortic aneurysm growth (IMAGEN)
Dr Jason Jenkins	Prof Jon Golledge (James Cook University)	Brief behavioural counselling intervention for peripheral arterial disease (BIP)
Dr Jason Jenkins	Sr. Julie Jenkins (RBWH)	The Endurant Stent Graft Natural Selection Post-market Registry (ENGAGE)

Collaborative Research Activity

Collaborative Lead Researchers (RBWH staff in bold)	Your Research Group / Department Researchers	Research Project Title
Associate Professor Chris Askew	Dr Jason Jenkins	The effect of acute exercise on vascular function and inflammation in abdominal aortic aneurysm patients (AAAEP)

Research Grants – Awarded

Investigators (RBWH staff in bold)	RBWH Research Groups / Departments	Project Title	Granting Body	Amount in 2016	Total Amount (years)
GOLLEDGE, Jonathan; Jenkins, J ; Norman, P.; Ahimastos, A.; Dalman, R. & Fitridge, R.	Vascular	Telmisartan in the Management of Abdominal Aortic Aneurysm	NHMRC Project Grant administered by James Cook University	\$40,000	\$101,184 (2014-2016)
BURTON, Nicola W; Golledge, J.; Jenkins, J ; Norman, P.; Fiatarone Singh, M.; Leicht, A. & Ademi, Z.	Vascular	Assessment of the efficacy of a brief behaviour intervention designed to improve physical activity in patients with peripheral artery disease	NHMRC Project Grant administered by James Cook University	\$39,947	\$131,257.26 (2014-2018)

2016 Research Publications

Type (Journal article / Book / Book chapter / Letter)	Publication information (RBWH staff in bold)
Journal article	Burton NW, Ademi Z, Best S, Fiatarone Singh MA, Jenkins JS , Lawson KD, Leicht AS, Mavros Y, Noble Y, Norman P, Norman R, Parmenter BJ, Pinchbeck J, Reid CM, Rowbotham SE, Yip L, Golledge J. Efficacy of brief behavioral counselling by allied health professionals to promote physical activity in people with peripheral arterial disease (BIPP): study protocol for a multi-center randomized controlled trial. <i>BMC Public Health</i> . 2016 Nov 9;16(1):1148.
Journal article	Sophie E. Rowbotham , Bernie Bourke, Michael Bourke, Rene Jaeggi, Jason S. Jenkins, Joseph V. Moxon, Jenna L. Pinchbeck, Christopher M. Reid, Ramesh Velu, Jonathan Golledge. Fenofibrate in the management of AbdoMinal aortic anEurysm (FAME)-2: the study protocol for a multi-centre, randomised, placebo-controlled trial. <i>Int J ClinTrials</i> . 2016 Nov; 3(4): 217-224.
Journal article	Wang LL, Choong AM, Kovalic A, Jenkins J, Kruger A . Extra-Anatomic Axillo-Mesenteric Reconstruction for Chronic Mesenteric Ischemia. <i>Ann Vasc Surg</i> . 2016 Feb;31:206.e5-8.
Journal article	Khashram M, Jenkins JS, Jenkins J, Kruger AJ, Boyne NS, Foster WJ, Walker PJ . Long-term outcomes and factors influencing late survival following elective abdominal aortic aneurysm repair: A 24-year experience. <i>Vascular</i> . 2016 Apr;24(2):115-25.
Journal article	Lim A, Kaur G, Poyck P, Vyas V, Redmond A, Quinn S . Bacillus Calmette-Guérin immunotherapy: a rare cause for a ruptured common femoral artery. <i>ANZ J Surg</i> . 2016 Apr 15.
Journal article	Golledge J, Biroš E, Bingley J, Iyer V , Krishna SM. Epigenetics and Peripheral Artery Disease. <i>Curr Atheroscler Rep</i> . 2016 Apr;18(4):15.
Journal article	Vaile J, Stefanovic B , Askew CD. Effect of lower limb compression on blood flow and performance in elite wheelchair rugby athletes. <i>J Spinal Cord Med</i> . 2016;39(2):206-11
Journal article	Lee MJ, Bhangu A, Blencowe NS, Nepogodiev D, Gokani VJ, Harries RL; Association of Surgeons in Training/National Research Collaborative Consensus group, Akinfala M, Ali O, Allum W, Bosanquet DC, Boyce K, Bradburn M, Chapman SJ, Christopher E, Coulter I, Dean BJ, Dickfos M , El Boghdady M, Elmasry M, Fleming S, Glasbey J, Healy C, Kasivisvanathan V, Khan KS, Koliás AG, Lee SM, Morton D, O'Beirne J, Sinclair P, Sutton PA. Academic requirements for Certificate of Completion of Training in surgical training: Consensus recommendations from the Association of Surgeons in Training/National Research Collaborative Consensus Group. <i>Int J Surg</i> . 2016 Nov;36 Suppl 1:S24-S30.

2016 Conference Presentations – Invited Speaker, Oral and Poster

Type (Oral / Poster / Invited)	Presentation information (RBWH staff in bold)
Oral	Simon Quinn. Treatment options for the acutely thrombosed AV fistula. RACS ACS, Brisbane, May 2016
Oral	Simon Quinn. Algorithm for dealing with immediate post CEA stroke. RACS ACS, Brisbane, May 2016
Oral	Nicholas Boyne. Long calcified tibial CTO – My toolbag. RACS ACS, Brisbane, May 2016
Oral	Murray Ogg. Conservative Vs. Endovascular approach for management of iliofemoral DVT. RACS ACS, Brisbane, May 2016
Poster	Marilla Dickfos. Surgical management of amiodarone-induced thyroiditis. RACS ACS, Brisbane, May 2016

Research Publications / Presentations Summary Table

Research Group / Department	Publications		Presentations National and International	
	Journal Articles	Books and Chapters	Oral	Poster
	8	0	4	1

