



MONASH  
University

# DEPARTMENT OF SURGERY

FACULTY OF MEDICINE, NURSING & HEALTH SCIENCES

School of Translational Medicine

Working in collaboration with

**AlfredHealth**

ANNUAL  
REPORT  
**2023**



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# MESSAGE FROM OUR CHAIR

The vision of the Monash University Department of Surgery at the Alfred is: to be a strong and visible Department that leads and facilitates excellence in undergraduate and post-graduate teaching and research across the clinical domain of Surgery.

The Department supports the surgical aspirations and needs of the Alfred Hospital by collaborating widely to drive translational and clinical research to achieve better health care.

It is my great pleasure to present the 2023 report from the Monash University Department of Surgery at Alfred Health. This report reflects the breadth and depth of academic activities undertaken by the talented clinicians affiliated with our Department, including Radiology, Trauma, Radiotherapy along with all of the Surgical Sub-specialties.

I am very grateful for the dedication and commitment to teaching and research shown by all of our team. Our considerable combined achievements were recognised when Monash University Department of Surgery was named Best Academic Department of Surgery by the Australian in both 2022 and 2023.

Many thanks to Ms Roxana Ruiz who drove the compilation of this report, working tirelessly to ensure we captured the work of the Department. She is a very valued member of our team and I very much appreciate all that she does to ensure the Department continues to function and move forward. Mr Robin Thompson has set up a system to help us collate our data on a regular basis, and again I am indebted to his considerable expertise.

Thank you also to Professor Terry O'Brien, head of the School of Translational Medicine, and Professor Stephen Jane, Dean of the Sub-Faculty of Translational Medicine and Public Health, for their constant mentorship and support. I am also very grateful to Professor Andrew Way, CEO Alfred Health, Professor Simone Alexander COO Alfred Health and Dr Lee Hamley CMO Alfred Health for always encouraging an evidence-based approach to health care. Working in an environment where our health service actively supports and encourages academic practice in surgery has given us amazing opportunities that just aren't available elsewhere. Whilst we have farewelled Professor Way and Dr Hamley in 2024, I am sure their legacy will live on.

I hope you enjoy this report and look forward to your feedback.

Best wishes



Professor Wendy A. Brown  
Chair, Monash University Department of Surgery, Alfred Health  
Program Director, Surgical Services, Alfred Health



## HIGHLIGHTS

Total Research Funding **\$11,762,365**

Academic Adjuncts **91**

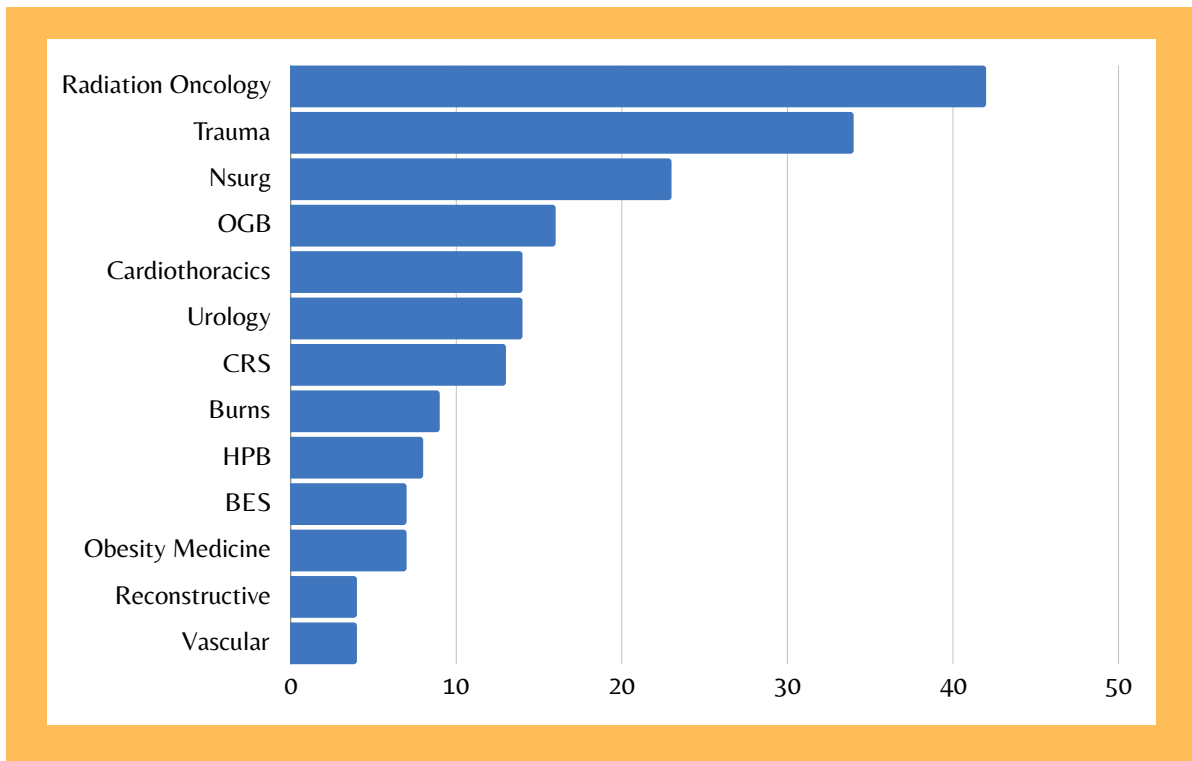
Peer Reviewed Publications **195**

Total Research Projects **40**

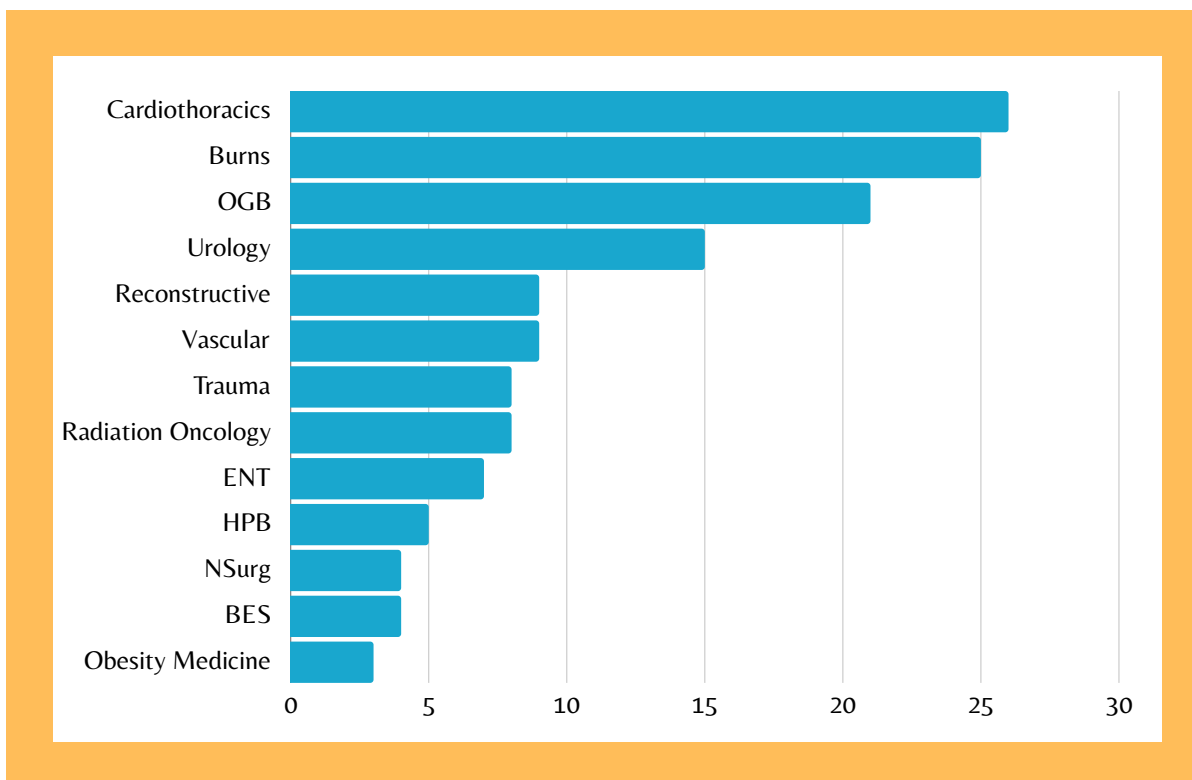
National & International Presentations **116**

# SURGICAL ACADEMIC OUTPUT

## Publications

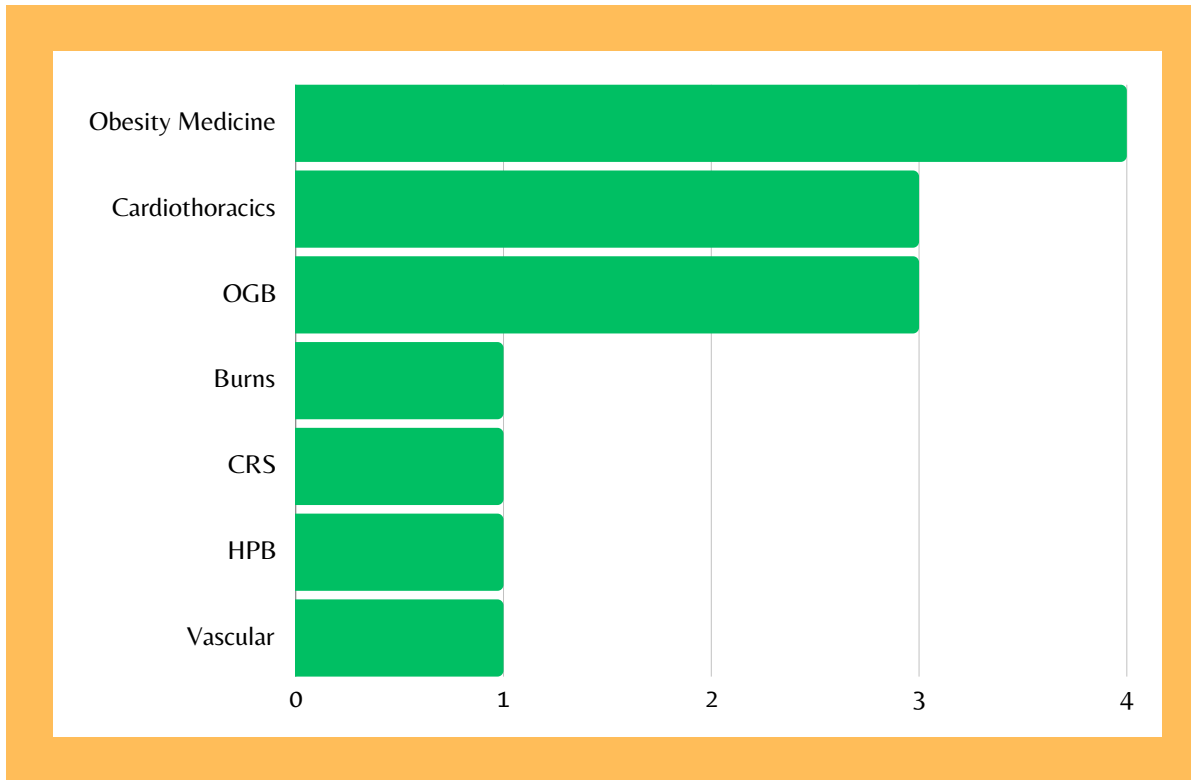


## Presentations



# SURGICAL ACADEMIC OUTPUT

## Grants



## Awards



# RESEARCH FUNDING

Funded Research Projects	Grant Body	Investigator	Administrative Body	Total Grant Amount (\$)
Bariatric Surgery Registry (BSR)-COMMONWEALTH (Department of Health and Aged Care)	Department of Health and Aged Care	Wendy Brown	Monash University	3,500,000
Third Degree Burn Wound Closure using Engineered Skin-Phase I Clinical Trial	Department of Health and Aged Care (Australia)	Heather Cleland	Monash University	2,363,239
Adjuvant therapies in bariatric surgery- a randomised controlled trial	Novo Nordisk Pharmaceuticals Pty Ltd	Wendy Brown	Monash University	270,800
Aftershock-Oesophageal Cancer Research Project	The Aftershock	Wendy Brown	Monash University	127,000
Foundation for Surgery Research Fellowship	Royal Australasian College of Surgeons	Joseph Kong	Monash University	63,000
Johnson & Johnson - BSR Research Funding	Johnson & Johnson Medical Pty Ltd	Wendy Brown	Monash University	250,000
Liver exosomes: linking non-alcoholic fatty liver disease and insulin resistance	National Health and Medical Research Council (NHMRC) (Australia)	Paul Burton	University of Melbourne	62,360
Improving the treatment of obesity	National Health and Medical Research Council (NHMRC) (Australia)	Priya Sumithran	Monash University	335,447
ADS Ranji and Amara Wikramanayake Clinical Diabetes Award 2023	Australian Diabetes Society Limited (trading as Diabetes Feet Australia)	Priya Sumithran	Monash University	40,000
To support the advancement of research in relation to the Bariatric Surgery Registry	Medtronic Australasia Pty Ltd	Wendy Brown	Monash University	105,000
Research in the Department of Surgery, Alfred Hospital precinct	Estate of the late Emmeth Frank Luke	Wendy Brown	Monash University	5,519
Pancreatic Cancer Research SuperQol: Supplemental Jejunal Feeding to Improve Quality of Life	Medical Research Future Fund (MRFF)	Charles Pilgrim	Monash University	1,670,000
Rare Cancers, Rare Diseases and Unmet Needs SCANPatient: Synoptic reporting of CT scans assessing cancers of the pancreas	Medical Research Future Fund (MRFF)	Charles Pilgrim	Monash University	2,970,000

Total Active Research Projects

**\$11,762,365**

# INVITED SPEAKER PRESENTATIONS

## WENDY BROWN



### **IFSO 2023 - Naples**

- Expanding the MBS guidelines, MBS for high-risk patients elderly, transplant and cardiac patients
- Does preoperative bariatric surgery reduce the need for total knee replacement operations?
- Data governance chain importance in registries

### **ANZMOSS & AANZGOSA - Christchurch**

- Bariatric indemnity
- Collaborative research opportunities
- Bariatric Surgery Registry - research, data access, future directions
- Real-world community level data confirms that Bariatric-Metabolic Surgery leads to reduced need for diabetic medication within one year of surgery

### **IsDEAS 2023 - Hobart**

Reflux in people with obesity - fundoplication or bariatric procedure?

### **RACS ASC - Adelaide**

- Bariatric surgery prior To cancer surgery
- Bariatric Surgery Registry. What have we learnt
- Minimally invasive Oesophagectomy
- What defines a leader in hospital surgery?

### **RACS Webinar Women in Leadership - Melbourne**

Pathways to leadership

### **Education session- Ramsay Health - Melbourne**

Bariatric surgery

### **Grand Rounds - Alfred Hospital, Melbourne**

Alfred Health Grand Rounds

### **CCS Department Seminar - Alfred Centre, Melbourne**

Improving outcomes from bariatric surgery as a treatment for obesity

### **Women in Bariatric Surgery - Sydney**

Women in bariatric surgery

### **RACS - November Annual Academic Surgery Conference - Melbourne**

Jepson Lecture: Surgical research, still a comic opera?

### **Western Health Surgical Forum - Melbourne**

Kendall Francis Lecture: Weight loss = Health gain

### **Eli Lilly Australia - Sydney**

The bariatric surgery patient journey

# INVITED SPEAKER PRESENTATIONS

## DAVID MCGIFFIN



### **Grand rounds, Northwell Medical Center - New York**

Hypothermic machine perfusion of donor hearts for transplantation.

### **Grand Rounds. The Prince Charles Hospital - Brisbane**

Hypothermic perfusion of donor hearts – the next major advance in cardiac transplantation.

### **Cardiovascular Department Meeting - Beijing**

Biventricular VAD implantation and driveline infection

### **XVIVO US PRESERVE Trial Investigators Meeting - Denver**

Hypothermic perfusion of donor hearts

### **International Society of Heart and Lung Transplantation 43rd Annual Meeting - Denver**

- Initial Australian experience with the XVIVO Non-Ischemic Hypothermic Perfusion Device for heart preservation.
- Influence of hypothermic machine perfusion (HMP) on donor heart function following an ischemic time of 6-8 hours.
- Favorable impact of hypothermic machine perfusion (HMP) on early renal outcomes in patients undergoing heart transplantation using prolonged (6-8hour) donor hearts.

### **Royal Australasian College of Surgeons Trainee Day**

- How I ran a transplant program
- How I do it – cardiac transplantation

### **Royal Australasian College of Surgeons Annual Scientific Meeting - Adelaide**

Machine perfusion of donor hearts – the next advance in transplantation.

### **Donatelife 2023 Donation and Transplantation Conference - Melbourne**

Hypothermic perfusion of donor hearts.

### **Special conference Auckland City Hospital - Auckland**

Pulmonary endarterectomy for chronic thromboembolic pulmonary hypertension

### **Pulmonary Hypertension Masterclass, Pulmonary Hypertension Society of Australia and New Zealand - Brisbane**

Pulmonary Endarterectomy for Chronic Thromboembolic pulmonary hypertension

### **Journees Francophones et Europeanness De Formation - Nantes**

Hypothermic oxygenated perfusion of donor heart – the results of the Australian and New Zealand trial of extended ischemic time

# INVITED SPEAKER PRESENTATIONS

## DAVID MCGIFFIN

**JGrand Rounds. Royal Papworth Hospital - Cambridge**

Hypothermic perfusion of donor hearts

**Transplantation Society of Australia and New Zealand Annual Meeting - Brisbane**

Hypothermic perfusion of donor hearts

**Creighton University - Phoenix**

I think, therefore I err

**Norton Thoracic Institute, St Joseph's Hospital and Medical Center - Phoenix**

History of the early days of cardiac transplantation. 2023 Cedric Bremner Lectureship

**European Society of Organ Transplantation Congress - Athens**

Hypothermic oxygenated machine perfusion for donor hearts

**Queensland Cardiovascular Research Network meeting - Brisbane**

I think, therefore I err

**17th Organ Donation Congress, International Society of Organ Donation and Procurement. Las Vegas**

Non-ischemic preservation

**Annual Meeting of the International Society for Mechanical Circulatory Support - Dallas**

Surgical considerations and patient management using HeartMate 3 BiVADs.

**Annual Scientific Meeting, Australian and New Zealand Society of Cardiothoracic Surgeons - Wellington**

Hypothermic oxygenated perfusion of donor hearts.

**South African Transplant Society Congress 2023 - Cape Town**

Heartbox – hypothermic oxygenated perfusion of donor hearts.

# INVITED SPEAKER PRESENTATIONS

## VINCENT COUSINS

### **26 th Vietnamese National Congress on OHNS - Hanoi**

Imaging of the temporal bone: An ORL perspective

### **IFOS 2nd World Course on Hearing Rehabilitation - Harare**

Non- Governmental Organisations (NGO) Negatively influence Ear & Hearing Healthcare Programs in low & middle income countries therefore should be banned.

### **IFOS Zimbabwe Society of Otolaryngology Head & Neck Surgery - Harare**

- Surgical anatomy of the facial nerve
- Ossiculoplasty principles & practice
- Imaging of the temporal bone

### **IFOS World Congress - Dubai**

- Instructional Course: Development of a lateral skull base
- Surgery Program in resource limited settings



## HEATHER CLELAND

### **European Burns Association Congress - Nantes**

Centralised collection of burns patient reported outcome measures

### **Australian and New Zealand Burn Association ASM - Melbourne**

Thoughtless shortcuts: Towards zero

### **Australasian Cleft Lip and Palate Conference - Melbourne**

Gems from cleft surgeons



## JEREMY GRUMMET

### **Melbourne Health Medical - Melbourne**

Prostate cancer screening - the latest thinking

### **USANZ 2023 - Melbourne**

- Tricky topics
- Prostate imaging master



# INVITED SPEAKER PRESENTATIONS

## THODUR VASUDEVAN

### **VSNZ Meeting - Nelson**

- Workforce issues in vascular in Australia and potential solutions
- Collaborating with cardiac surgeons to conquer the Aortic Arch

### **VERVE Symposium - Sydney**

- Custom TEVAR for zone 0 pseudo aneurysm.
- Occlusion plug failures and possible solutions

### **Taiwanese Society of Vascular Surgery Annual Congress - Taichung**

Update to treatment of Type B dissections

### **Australian and New Zealand Society for Vascular Surgery (ANZSVS) - Cairns**

- Arch branched grafts at the Alfred
- Qualified privilege and the AVA. Present and future

### **VSICON 2023 - Mumbai**

Debranching for Arch pathology

### **ESVS Annual Congress - Belfast**

Performing hybrid procedures without a hybrid



## CHARLES PILGRIM

### **GSA Trainees Weekend 2023 - Melbourne**

Pancreatic cancer

### **The Alfred General Surgery Meeting 2023 - Melbourne**

Updates in pancreas cancer

### **Australasian Trauma Society Annual Scientific Meeting (ASM) - Melbourne**

Complex liver trauma

### **ANZHPBA ASM - Melbourne**

Value & limitations of MDT discussion for HPB cancers



# INVITED SPEAKER PRESENTATIONS

## JONATHAN SERPELL

**Surgical Research Forum 2023 – The Sir Edward Hughes**

**Keynote Lecture – Melbourne**

Research in thyroidectomy technique – towards zero recurrent laryngeal nerve palsy

**Alfred General Surgery Meeting - Melbourne**

Tips and tricks for the difficult thyroidectomy

**The Australian and New Zealand thyroid cancer registry – Noosa**

9th multidisciplinary update on thyroid and parathyroid surgery



## FRANK BRUSCINO-RAIOLA

**Australian Orthotic Prosthetic Association 13th Annual Congress - Melbourne**

How we better understand and serve the amputee population

**RMH & Alfred Hospital 3rd Orthopaedic Trauma Congress - Melbourne**

Osseointegration



## JAMES LEE

**Alfred General Surgery Meeting - Melbourne**

Workup of the incidental adrenal mass



# INVITED SPEAKER PRESENTATIONS

## WARREN CLEMENTS

### **The Royal Australian and New Zealand College of Radiologists (RANZCR), 73rd ASM - Brisbane**

- Spontaneous retroperitoneal haemorrhage: efficacy of conservative management and embolisation.
- Variables predicting retrieval complications encountered during IVC filter removal – a 11-year cohort review at a Level 1 trauma centre



### **Australia and New Zealand Trauma Society: Trauma Conference 2023 - Melbourne**

Splenic embolisation after trauma: considering future immune function. 12-15 October, Melbourne, Australia.

### **CIRSE ASM 2023 - Copenhagen**

Clinical practice development

### **6th World Trauma Congress - Tokyo**

Right brachiocephalic vein origin intravenous access for the resuscitation of adult trauma patients

### **IRSA ASM 2023 - Sydney**

- The IR and INR Alliance on health economics: the cost-effectiveness and impact of minimally-invasive, imaging-guided procedures in a value-based healthcare system
- Women in IR
- IASIOS Q and A

## PRIYA SUMITHRAN

### **Peruvian Diabetes Association Congress in Diabetes - Lima**

Managing obesity to treat type 2 diabetes

### **Cardiac Society of Australia and New Zealand (CSANZ), Annual Scientific Meeting - Melbourne**

Prioritising obesity management in cardiometabolic disease

### **Australian Diabetes Congress, Annual Scientific Meeting - Gold Coast**

Wikramanayake Award Lecture: Progress in research and clinical care for obesity



# ACADEMIC ADJUNCTS

<b>Name</b>	<b>Adjunct Level</b>	<b>Position Title</b>
Arthavan Surendran	Level A	ADJUNCT RESEARCH ASSOCIATE
Mostafiz Rahman	Level A	ADJUNCT RESEARCH ASSOCIATE
Ilia Banakh	Level A	ADJUNCT RESEARCH ASSOCIATE
Peter Finnegan	Level A	ADJUNCT RESEARCH ASSOCIATE
Kelcey Bland	Level A	ADJUNCT RESEARCH ASSOCIATE
Terence Tan	Level B	ADJUNCT RESEARCH FELLOW
Keith Gomes	Level B	ADJUNCT LECTURER
Carlos Arellano	Level B	ADJUNCT RESEARCH FELLOW
Christina Kure	Level B	ADJUNCT LECTURER
Yen Kim	Level B	ADJUNCT RESEARCH FELLOW
Robert Gocentas	Level B	ADJUNCT RESEARCH FELLOW
Jiun Pui	Level B	ADJUNCT LECTURER
Upasna Pratap	Level B	ADJUNCT LECTURER
Damien Loh	Level B	ADJUNCT LECTURER
Meei Yeung	Level B	ADJUNCT LECTURER
Annabel Orr	Level B	ADJUNCT RESEARCH FELLOW
Prem Chana	Level B	ADJUNCT LECTURER
Joseph Mathew	Level B	ADJUNCT LECTURER
Atsuo Doi	Level B	ADJUNCT LECTURER
Marty Smith	Level B	ADJUNCT LECTURER
Justin Chee	Level B	ADJUNCT LECTURER
Lauren Cohen	Level B	ADJUNCT RESEARCH FELLOW
Stephen Salerno	Level B	ADJUNCT LECTURER
Junius Packiyathan	Level B	ADJUNCT LECTURER
Cecil Johnny	Level B	ADJUNCT LECTURER
Jarrad O'Brien	Level B	ADJUNCT LECTURER
Danielle Buck	Level C	ADJUNCT SENIOR LECTURER
Vladimir Bolshinsky	Level C	ADJUNCT SENIOR LECTURER
Munish Heer	Level C	ADJUNCT SENIOR LECTURER
Michael Noonan	Level C	ADJUNCT SENIOR LECTURER

# ACADEMIC ADJUNCTS

<b>Name</b>	<b>Adjunct Level</b>	<b>Position Title</b>
Chow Chan	Level C	ADJUNCT SENIOR LECTURER
George Miller	Level C	ADJUNCT SENIOR LECTURER
Richard Chen	Level C	ADJUNCT SENIOR LECTURER
Simon Grodski	Level C	ADJUNCT SENIOR LECTURER
Christine Georges	Level C	ADJUNCT SENIOR RESEARCH FELLOW
Ian Porter	Level C	ADJUNCT SENIOR LECTURER
Marisa Herson	Level C	ADJUNCT SENIOR LECTURER
Helen Kavnoudias	Level C	ADJUNCT SENIOR LECTURER
Daniel Moon	Level C	ADJUNCT SENIOR LECTURER
Raymond Yap	Level C	ADJUNCT SENIOR RESEARCH FELLOW
Ruchong Ou	Level C	ADJUNCT SENIOR RESEARCH FELLOW
Peter Carne	Level C	ADJUNCT SENIOR LECTURER
Keith Farmer	Level C	ADJUNCT SENIOR LECTURER
Thodur Vasudevan	Level C	ADJUNCT SENIOR LECTURER
Karen Taylor	Level C	ADJUNCT SENIOR LECTURER
Matthew Lukies	Level C	ADJUNCT SENIOR LECTURER
Tuan Phan	Level C	ADJUNCT SENIOR LECTURER
Dane Holden	Level C	ADJUNCT SENIOR LECTURER
Heather Moriarty	Level C	ADJUNCT SENIOR LECTURER
Bob Wang	Level C	ADJUNCT SENIOR LECTURER
Lei Liu	Level C	ADJUNCT SENIOR LECTURER
Shiva Akbarzadeh	Level D	ADJUNCT ASSOCIATE PROFESSOR
Chris Hensman	Level D	ADJUNCT ASSOCIATE PROFESSOR
Satish Warriar	Level D	ADJUNCT ASSOCIATE PROFESSOR
Peter Evans	Level D	ADJUNCT ASSOCIATE PROFESSOR
Ryan Smith	Level D	ADJUNCT ASSOCIATE PROFESSOR
Frank Brusolino-Raiola	Level D	ADJUNCT CLINICAL ASSOCIATE PROFESSOR
Sree Appu	Level D	ADJUNCT ASSOCIATE PROFESSOR
Sidney Davis	Level D	ADJUNCT CLINICAL ASSOCIATE PROFESSOR
Scott Ferris	Level D	ADJUNCT CLINICAL ASSOCIATE PROFESSOR

# ACADEMIC ADJUNCTS

<b>Name</b>	<b>Adjunct Level</b>	<b>Position Title</b>
Martin Hunn	Level D	ADJUNCT CLINICAL A/PROFESSOR
Charles Pilgrim	Level D	ADJUNCT ASSOCIATE PROFESSOR
Susan Liew	Level D	ADJUNCT ASSOCIATE PROFESSOR
Anthony Buzzard	Level D	ADJUNCT ASSOCIATE PROFESSOR
Vincent Cousins	Level D	ADJUNCT ASSOCIATE PROFESSOR
Heather Cleland	Level D	ADJUNCT CLINICAL A/PROFESSOR
Peter Royce	Level D	ADJUNCT CLINICAL A/PROFESSOR
Mathew Lim	Level D	ADJUNCT CLINICAL A/PROFESSOR
Anthony Hall	Level D	ADJUNCT CLINICAL A/PROFESSOR
Jim Koukounaras	Level D	ADJUNCT CLINICAL A/PROFESSOR
Samuel Au	Level D	ADJUNCT ASSOCIATE PROFESSOR
Zheng Li	Level D	ADJUNCT ASSOCIATE PROFESSOR
James Lee	Level D	ADJUNCT ASSOCIATE PROFESSOR
David Hunter-Smith	Level E	ADJUNCT CLINICAL PROFESSOR
Warren Rozen	Level E	ADJUNCT PROFESSOR
Gerard Goh	Level E	ADJUNCT CLINICAL PROFESSOR
David McGiffin	Level E	ADJUNCT PROFESSOR
Jeremy Millar	Level E	ADJUNCT PROFESSOR
Warren Clements	Level E	ADJUNCT PROFESSOR
Christopher Christophi	Level E	ADJUNCT PROFESSOR
Dinesh Varma	Level E	ADJUNCT CLINICAL PROFESSOR
Philip Chiu	Level E	ADJUNCT PROFESSOR
Mark Fitzgerald	Level E	ADJUNCT CLINICAL PROFESSOR
Samantha Ellis	Level E	ADJUNCT CLINICAL PROFESSOR
Bruno Di Muzio	Level B	ADJUNCT CLINICAL FELLOW

# STUDENTS

## SURGERY HONOURS STUDENTS

STUDENT	PROJECT	SUPERVISOR
Nemsara APPUHAMILAGE	Oesophageal dysfunction and failure: Anatomical, clinical and physiological considerations.	Dr Paul Burton
Meghna BURMI	Precisely Mapping Choroidal Tumour Margins	A/Prof Anthony Hall
Carrie FEI	Cataract in patients with uveitis	A/Prof Anthony Hall
Nandini KARTHIKEYAN	Efficacy and outcomes of emergent transesophageal echocardiography for resuscitation monitoring	Prof Mark Fitzgerald
Ashwin MADHAVAN	How does the formation of anti-bodies against Adalimumab influence the clinical course of a patient with non-infectious uveitis?	A/Prof Anthony Hall
Natasha NEWMAN	Quality of life in patients post hemithyroidectomy for benign and malignant diseases.	A/Prof James Lee
Hanish SAREEN	Outcomes of major bariatric procedures: Volume or bile reflux as a key mediator	Dr Paul Burton
Yuewei XIAO	Traumatic Brain Injury (TBI) management and survival in established trauma systems since 2000	Prof Mark Fitzgerald
Yantong WANG	Radial Artery Conduit Use after Transradial Catheterisation	Prof Silvana Marasco

## SURGERY MASTERS STUDENTS

STUDENT	PROJECT	SUPERVISORS
William CATCHLOVE	The pathophysiology of post operative leaks after laparoscopic sleeve gastrectomy	Dr Paul Burton Prof Wendy Brown

# PhD STUDENTS



**Alyssa Jane Budin**  
Patient Experience, Quality  
Of Life, And Psychosocial  
Health Following Bariatric  
Surgery

**Supervisor:** Wendy Brown  
**Co-supervisors:** Andrew Maccormick, Ian  
Caterson, Priya Sumithran



**Anagi Wickremasinghe**  
The Physiology And  
Pathophysiology Of  
Sleeve Gastrectomy

**Supervisor:** Paul Burton  
**Co-supervisor:** Geoffrey Hebbard



**Kaleb Lourensz**  
Clinical Outcomes And  
Physiological Mechanisms  
In Gastric Bypass Surgery

**Supervisor:** Wendy Brown  
**Co-supervisor:** Paul Burton



**Lisa Murnane**  
Sarcopenia and  
Oesophagastric Cancer  
in Surgery Patients

**Supervisor:** Paul Burton  
**Co-supervisors:** Audrey Tierney, Adriene  
Forsyth, Jim Koukounaris



**Yit Leang**  
Safety And Ergonomics Of  
Robotic Assisted  
Laparoscopic Surgery

**Supervisor:** Wendy Brown  
**Co-supervisors:** Joseph Kong, Paul Burton,  
Chrys Hensman



**Louise Becroft**  
Body Composition  
Assessment In Morbidly  
Obese Bariatric Surgery  
Patients: A Prospective  
Longitudinal

**Supervisor:** Wendy Brown  
**Co-supervisors:** Audrey Tierney,  
Adrienne Forsyth



**Jack Mitchell Edwards**  
Immunophenotyping For  
Biomarker Discovery  
During Cancer Therapy

**Supervisor:** Sashendra Senth  
**Co-supervisor:** Menno Cornelis Van Zelm



**Madeline Green**  
Right Brachiocephalic  
Vein Access for Adult  
Trauma Resuscitation

**Supervisor:** Mark Fitzgerald  
**Co-supervisor:** Geoffrey Hebbard



**Michael Peter Noonan**  
Reception And  
Resuscitation Of Adult  
Major Trauma Patients  
Presenting In Shock

**Supervisor:** Mark Fitzgerald  
**Co-supervisors:** Gerard Michael O'Reilly,  
Yen Kim



**Sina Kardeh**  
Investigating The Use Of  
Lectins For Epidermal Stem  
And Progenitor Cells  
Enrichment

**Supervisor:** Shiva Akbarzadeh  
**Co-supervisors:** Jose Maria Polo, Cheng  
Hean Lo

## BURNS

The use of carbon dioxide and intense pulsed light laser for the treatment of hypertrophic burns scars: A case series

Dahm S, Lee G, Cleland H, Menezes H, Ng S

Scars, Burns & Healing, 11/15/2023, <https://DOI.org/10.1177/20595131231202103>

Graft-host interaction and its effect on wound repair using mouse models

Garcia N, Rahman M, Arellano CL, Banakh I, Yung-Chih C, Peter K, Cleland H, Lo CH, Akbarzadeh S

International Journal of Molecular Sciences, 11/13/2023, <https://DOI.org/10.3390/ijms242216277>

Long-term scarring outcomes and safety of patients treated with NovoSorb Biodegradable Temporising Matrix (BTM): An observational cohort study

Lo CH, Wagstaff MJD, Barker TM, Damkat-Thomas L, Salerno S, Holden D, Concannon E, Heath K, Coghlan P, Cleland H

JPRAS Open, 5/28/2023, <https://DOI.org/10.1016/j.jpra.2023.05.003>

Improving compliance with Early enteral feeding in <24 hours in patients with severe burns' (EAT)

Karina Lay, Yvonne singer, Alfred ICU, Alfred Dietetics

Alfred Health Newsletters, Surgical Services Newsletters, 5/10/2023, N/A

Surviving sepsis after burn campaign

Greenhalgh DG, Hill DM, Burmeister DM, Gus EI, Cleland H, Padiglione A, Holden D, Huss F, Chew MS, Kubasiak JC, Burrell A,

Manzanares W, Gómez MC, Yoshimura Y, Sjöberg F, Xie WG, Egipto P, Lavrentieva A, Jain A, Miranda-Altamirano A, Cartotto R

Burns, 5/6/2023, <https://DOI.org/10.1016/j.burns.2023.05.003>

Exploring the similarities and differences of variables collected by burn registers globally - protocol for a data dictionary review study

Bebbington E, Miles J, Peck M, Singer Y, Dunn K, Young A.

BMJ Open, 2/28/2023, <https://DOI.org/10.1136/bmjopen-2022-066512>

Venous Thromboembolism in Severe Burns Patients with Intravascular Warming Catheter: A Retrospective Cohort Study

Reid I, Bortz H, Burrell A, Gantner D, Rosenblum S, Cleland H

EBJ, 2/12/2023, <https://DOI.org/10.3390/ebj4010008>

A review of petrol burns in Australia and New Zealand

Savage N, Doherty Z, Singer Y, Menezes H, Cleland H, Goldie S

JBCR, 1/30/2023, <https://academic.oup.com/jbcr/advance-article/DOI/10.1093/jbcr/irad008/7008986>

Understanding the mechanisms of spontaneous and skin-grafted wound repair: the path to engineered skin grafts

Garcia N, Dat Wah Lau L, Lo CH, Cleland H, Akbarzadeh S

JWC, 1/2/2023, <https://DOI.org/10.12968/jowc.2023.32.1.55>

## CARDIOTHORACICS

Is enthusiasm for rib fixation outstripping the evidence?

Marasco SF

Injury, 9/1/2023, DOI: 10.1016/j.injury.2023.110933

Alternatives to transvenous lead placement in a patient undergoing surgical tricuspid valve repair

Angela Zhu , Matanyahu Rubinstein , Angeline Leet, Atsuo DOI , Hitesh C Patel

PMID, 7/18/2023, 10.1111

Predicting Patient Status in Chronic Thromboembolic Pulmonary Hypertension Using a Biophysical Model.

Ebrahimi BS, Khwaounjoo P, Argus F, Chan HF, Nash MP, McGiffin D, Kaye D, DOI A, Joseph T, Whitford H, Tawhai MH.

Annu Int Conf IEEE Eng Med Biol Soc., 7/1/2023, DOI: 10.1109/EMBC40787.2023.10340433

Baby Y anastomosis, the journey towards total arterial complete myocardial revascularization

Vignesh Ratnaraj , Amit K Tripathy , Asen Ivanov , Sarah Scheuer , Shivanad Gangahanumaiah , John Goldblatt , Robin Brown

JTCVS Techniques, 6/1/2023, 10.1016

Diversity and dynamics of clinical biofilms in ventricular assist device driveline infections and in vitro modelling.

Qu Y, McGIFFIN D Peleg AY.

Microbiology Australia. Online, 5/18/2023, DOI:10.1071/MA23024

# PUBLICATIONS

Anti-infective characteristics of a new Carbothane ventricular assist device driveline  
Qu Y, McGiffin D, Sanchez LD, Gengenbach T, Easton C, Thissen H, Peleg AY  
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Donor heart ischemic time can be extended beyond 9 hours using hypothermic machine perfusion in sheep  
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# PUBLICATIONS

Is There an Impact of Transperineal Versus Transrectal Magnetic Resonance Imaging-targeted Biopsy on the Risk of Upgrading in Final Pathology in Prostate Cancer Patients Undergoing Radical Prostatectomy? An European Association of Urology-Young Academic

Fabio Zattoni, Giancarlo Marra, Alberto Martini, Veeru Kasivisvanathan, Jeremy Grummet, Timothy Harkin, Guillaume Ploussard, Jonathan Olivier, Peter K Chiu, Massimo Valerio, Alessandro Marquis, Paolo Gontero, Hongqian Guo, Junlong Zhuang, Mark Frydenberg, Daniel Moon, Alessandro Morlacco, Alexander Kretschmer, Francesco Barletta, Isabel Heidegger, Derya Tilki, Roderick van den Bergh, Fabrizio Dal Moro, Alberto Briganti, Francesco Montorsi, Giacomo Novara, Giorgio Gandaglia; EAU-YAU Prostate Cancer Working Party  
Eur Urol Focus, 2/4/2023, 10.1016/j.euf.2023.01.016

## VASCULAR SURGERY

ANZSVS clinical practice guidelines on deep venous disease. Part venous outflow obstruction of the femoro ilio caval veins  
Laurencia Villalba, Iman Bayat, Thodur Vasudevan, Steven Dubenec, Ramon L. Varcoe, Shannon D. Thomas, Philip Puckridge, Ramesh K. Tripathi

Journal of Vascular Surgery: Venous and Lymphatic Disorders, 4/18/2023, DOI:<https://DOI.org/10.1016/j.jvsv.2023.02.002>

To maintain qualified privilege and surgeon participation, clinical audit databases must adapt to changing regulations and emerging technologies

Sarah Aitken FRACS, PhD, Roxanne Wu MBBS, FRACS, Thodur Vasudevan MBBS, FRACS  
[ANZ Journal of Surgery](https://doi.org/10.1111/ans.18656), October 2023, DOI:[10.1111/ans.18656](https://doi.org/10.1111/ans.18656)

An International Expert-Based CONsensus on Indications and Techniques for aortic balloon occlusion in the Management of Ruptured Abdominal Aortic Aneurysms (CONTROL-RAAA).

D'Oria M, Lembo R, Hörer TM, Rasmussen T, Mani K, Parlani G, Ierardi AM, Veraldi GF, Melloni A, Bonardelli S, Lepidi S, Bertoglio L; Collaborative CONTROL-RAAA Study Group.

J Endovasc Ther. 2023 Dec 7:15266028231217233. doi: 10.1177/15266028231217233.

Avoiding the re-do sternotomy: treatment of an ascending aortic pseudoaneurysm using a percutaneous Amplatzer PFO closure device.

Pajtak R, Lovelock T, Nanayakkara S, Walton A, **Vasudevan T.**

Vascular. 2023 Oct;31(5):858-860. doi: 10.1177/17085381221097814.PMID: 35505521

## OBESITY MEDICINE

Challenging clinical perspectives in type 2 diabetes with tirzepatide, a first-in-class twincretin

Richard J. MacIsaac, Gary Deed, Michael D'Emden, Elif I. Ekinci, Samantha Hocking, Priya Sumithran & Roy Rasalam  
Diabetes Therapy, 12/10/2023, 10.1007/s13300-023-01475-5

Is metabolic surgery having an identity crisis?

Cohen RV, Lingvaj I, le Roux CW, Sumithran P

Obesity Surgery, 16/08/2023, 10.1007/s11695-023-06786-x

Does weight loss in women with obesity induce regression of endometrial hyperplasia? A systematic review

Mooney S, Sumithran P

Eur J Obstet Gynecol Reprod Biol, 2023, 10.1016/j.ejogrb.2023.06.028

There is no 'Magic Bullet' for Obesity

Ildiko Lingvaj, Priya Sumithran, Carel W le Roux, Ricardo V Cohen

Lancet Diab Endocrinol 2023 11 541 10.1016/S2213-8587(23)00191-2

Current and emerging medications for management of obesity in adults

Walmsley R, Sumithran P

Med J Aust 2023 219 188 10.5694/mja2.52031

New anti-obesity medications: considerations and future directions in people with concurrent eating disorders

Sharp G, Girolamo T, Hay P, Mitchison D, Cooper K, Sumithran P, Jebelle H.

Aust J Gen Pract 2023 52 :651-653 10.31128/AJGP-02-23-6731

Individualised prescription of medications for treatment of obesity in adults

Hocking S & Sumithran P

Rev Endocr Metab Disord 2023 24 :951-960 10.1007/s11154-023-09808-2



