

HEALTH AND MEDICAL
RESEARCH
ANNUAL REPORT 2017/18



Investing in research is central to
the way we deliver exceptional patient care,
now and in the future.



Hospitality | Compassion | Respect | Justice | Excellence



OVERVIEW

- [CEO Welcome](#)
- [Our Hospital](#)
- [Our Research](#)
- [St John of God Foundation](#)
- [Our Supporters](#)
- [Our Team](#)
- [Our Ethics](#)

RESEARCH AREAS

- [Allied Health Research Program](#)
- [Anaesthesia and Pain Research Unit](#)
- [Breast Cancer Research Unit](#)
- [Cardiology Research Group](#)
- [Colorectal Cancer Research Group](#)
- [Collaborators' Report](#)
- [Gynaecological Cancer Research Group](#)
- [Inflammatory Bowel Disease Research Unit](#)
- [Intensive Care Unit Research Group](#)
- [Neonatal Research Group](#)
- [Neurosurgery Research Group](#)
- [Nursing and Midwifery Research Program](#)
- [Oncology Clinical Trials Unit](#)
- [Oncology Services](#)
- [Orthopaedic Surgery Research Group](#)
- [WA Thoracic Research Group](#)

PUBLICATIONS

- [2017/18 Publications](#)

[Click links above to navigate to topics.](#)

[PREVIOUS](#)

[NEXT](#)



Welcome to our 2017/18 annual report for health and medical research.





OVERVIEW

CEO Welcome

[Our Hospital](#)

[Our Research](#)

[St John of God Foundation](#)

[Our Supporters](#)

[Our Team](#)

[Our Ethics](#)

RESEARCH AREAS

[Allied Health Research Program](#)

[Anaesthesia and Pain Research Unit](#)

[Breast Cancer Research Unit](#)

[Cardiology Research Group](#)

[Colorectal Cancer Research Group](#)

[Collaborators' Report](#)

[Gynaecological Cancer Research Group](#)

[Inflammatory Bowel Disease Research Unit](#)

[Intensive Care Unit Research Group](#)

[Neonatal Research Group](#)

[Neurosurgery Research Group](#)

[Nursing and Midwifery Research Program](#)

[Oncology Clinical Trials Unit](#)

[Oncology Services](#)

[Orthopaedic Surgery Research Group](#)

[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

[Click links above to navigate to topics.](#)

[PREVIOUS](#)

[NEXT](#)

CEO's Welcome

Our investment in health and medical research is central to how we deliver exceptional patient care at St John of God Subiaco Hospital – both now and in the future.

It propels our engagement with the very best in new technologies, treatments and practices, enabling us to attract a world-class team of researchers, doctors and caregivers.

Our global reputation as a centre of research excellence in oncology, respiratory medicine, orthopaedics, anaesthesia and pain continued this year. We also experienced achievements in fields such as inflammatory bowel disease and cardiology.

Oncology delivered the majority of research activity at our hospital, with prominent researchers leading the way in projects and clinical trials investigating breast, colorectal, pancreatic and gynaecological cancer.



It was wonderful to see our hospital sponsor a clinical trial for the first time this year through the EXCISE study for gynaecological cancer research. Our involvement reflects our growing commitment to trialing new drugs and therapies and comparing the effectiveness of existing treatments.

There are currently more than 50 employed researchers at St John of God Subiaco Hospital across fifteen research fields who have produced over 144 publications.

I would like to commend our entire research team for their exceptional work in 2017/18. The remarkable body of research in this report is testament to their hard work and talent.

As a leading research institute in Western Australia, we recognise the importance that collaborations have on delivering this level of activity. We also deeply value our partnerships with local and national universities and global pharmaceutical and device companies.

Whether you are an existing or future researcher, collaborator, supporter, patient or caregiver, I hope you feel encouraged by the exciting scope of research happening throughout our hospital.

We are moving closer to becoming a world-class academic centre of excellence, motivated by our desire to improve the health and wellbeing of patients.

Professor Shirley Bowen
Chief Executive Officer
St John of God Subiaco Hospital



OVERVIEW

- CEO Welcome
- Our Hospital
- Our Research
- St John of God Foundation
- Our Supporters
- Our Team
- Our Ethics

RESEARCH AREAS

- Allied Health Research Program
- Anaesthesia and Pain Research Unit
- Breast Cancer Research Unit
- Cardiology Research Group
- Colorectal Cancer Research Group
- Collaborators' Report
- Gynaecological Cancer Research Group
- Inflammatory Bowel Disease Research Unit
- Intensive Care Unit Research Group
- Neonatal Research Group
- Neurosurgery Research Group
- Nursing and Midwifery Research Program
- Oncology Clinical Trials Unit
- Oncology Services
- Orthopaedic Surgery Research Group
- WA Thoracic Research Group

PUBLICATIONS

- 2017/18 Publications

Our Hospital

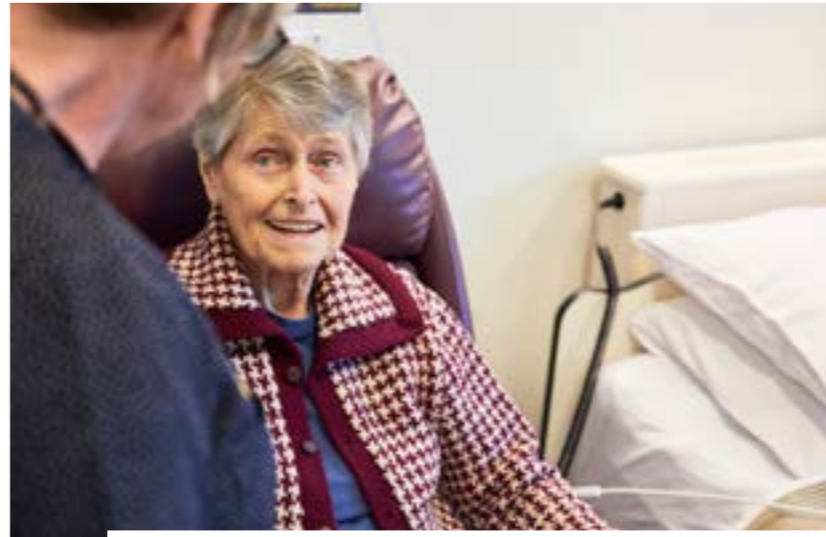
St John of God Subiaco Hospital is a leading private hospital in Perth, Western Australia, offering exceptional medical and surgical care in a warm and welcoming environment.

Our vision of being a world leader in patient care is underpinned by our outstanding team of caregivers and long-term, strategic investments in technology, redevelopment and research.

Many of Australia's leading and most experienced specialists choose to work at our hospital. We offer patient care and services across an extensive range of specialties spanning medical, surgical, maternity, rehabilitation and allied health.

St John of God Subiaco Hospital was established by the Sisters of St John of God in 1898. Today we are part of St John of God Health Care, Australia's largest Catholic hospital operator and a not-for-profit organisation.

Our dedicated caregivers proudly continue the legacy of the Sisters in providing exceptional patient care through our mission-based culture and living our values – hospitality, excellence, respect, compassion and justice.



Click links above to navigate to topics.

PREVIOUS

NEXT



OVERVIEW

[CEO Welcome](#)

[Our Hospital](#)

[Our Research](#)

[St John of God Foundation](#)

[Our Supporters](#)

[Our Team](#)

[Our Ethics](#)

RESEARCH AREAS

[Allied Health Research Program](#)

[Anaesthesia and Pain Research Unit](#)

[Breast Cancer Research Unit](#)

[Cardiology Research Group](#)

[Colorectal Cancer Research Group](#)

[Collaborators' Report](#)

[Gynaecological Cancer Research Group](#)

[Inflammatory Bowel Disease Research Unit](#)

[Intensive Care Unit Research Group](#)

[Neonatal Research Group](#)

[Neurosurgery Research Group](#)

[Nursing and Midwifery Research Program](#)

[Oncology Clinical Trials Unit](#)

[Oncology Services](#)

[Orthopaedic Surgery Research Group](#)

[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

Our Research

RESEARCH SNAPSHOT 2017/18



15

RESEARCH UNITS

50+

EMPLOYED RESEARCHERS

72

NEW RESEARCH PROJECTS APPROVED

144

PUBLICATIONS

30

ONCOLOGY CLINICAL TRIALS UNDERWAY

61

CONFERENCE PRESENTATIONS

Click links above to navigate to topics.

PREVIOUS

NEXT



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

Our Research

2017/18 was a year of consolidation in research activity within our hospital. We were able to increase our efficiencies in many areas and focus on our strategic research strengths, such as our delivery of oncology clinical trials.

– Professor Steve Webb



As one of the largest clinical trial units in Australia, we continue to excel in this area and advance our reputation as a leading research institute across the two major types of clinical trials.

The first is comparative effectiveness trials, where we compare existing treatment options to investigate which is option is the best. The other is trialling new, promising treatments to patients, offering an alternative that is unlikely to be available in a non-clinical trial setting.

We currently have thirty active oncology clinical trials underway, supported by fourteen oncology trial researchers, nurses and pharmacists. Our current suite of clinical trials are available for

patients with cancers including breast, lung, oesophageal, urothelial, colorectal, pancreatic and ovarian cancer.

The majority of new research studies approved for St John of God Subiaco Hospital this year were initiated by investigators from our hospital.

This reflects our shared commitment to connecting our patients with the latest techniques and treatments available.

Our ability to collaborate effectively as a sought-after site for multicentre research continues to go from strength-to-strength. 71% of all new studies approved will be undertaken as part of wider research collaboration with other researchers in Western Australia, Australia and overseas.

Highlights among our research team this year included the outstanding recognition for Professor Christobel Saunders as joint recipient of Western Australia's 2017 Premier's Scientist of the Year award. Another fantastic achievement was early career researcher Dr Aime Powell receiving the prestigious Cindy Sullivan Fellowship from the Australian Gynaecological Cancer Foundation for her world-first study into the prevention of cervical cancer.

There is an impressive culture of support for research at St John of God Subiaco Hospital. At all levels of the organisation, you'll find an appreciation for its importance and a willingness to facilitate research activities.

This culture greatly enhances the work of our Research Management Committee, Lead Investigators and of research staff across the entire hospital, all of whom I'd like to acknowledge and thank for another year of exceptional work.



Professor Steve Webb
Research Management Committee Chairperson
St John of God Subiaco Hospital



OVERVIEW

- [CEO Welcome](#)
- [Our Hospital](#)
- [Our Research](#)
- [St John of God Foundation](#)
- [Our Supporters](#)
- [Our Team](#)
- [Our Ethics](#)

RESEARCH AREAS

- [Allied Health Research Program](#)
- [Anaesthesia and Pain Research Unit](#)
- [Breast Cancer Research Unit](#)
- [Cardiology Research Group](#)
- [Colorectal Cancer Research Group](#)
- [Collaborators' Report](#)
- [Gynaecological Cancer Research Group](#)
- [Inflammatory Bowel Disease Research Unit](#)
- [Intensive Care Unit Research Group](#)
- [Neonatal Research Group](#)
- [Neurosurgery Research Group](#)
- [Nursing and Midwifery Research Program](#)
- [Oncology Clinical Trials Unit](#)
- [Oncology Services](#)
- [Orthopaedic Surgery Research Group](#)
- [WA Thoracic Research Group](#)

PUBLICATIONS

- [2017/18 Publications](#)

Our Research



A major focus for research operations this year has been to build new relationships with commercial sponsors and industry groups to expand our business opportunities.

Dino Cercarelli
Research Operations Manager
St John of God Subiaco Hospital

This focus has enabled us to provide new treatment opportunities to our patients that otherwise would not be available.

We've continued to support collaborative and constructive relationships with existing key stakeholders from across the hospital's research portfolio, which remains a central component of our work.

Our focus on delivering a streamlined and efficient governance process was confirmed through a successful governance audit

that our team underwent this year, which highlighted the outstanding support we provide to the research undertaken throughout the hospital.

In addition, we've remained focused on delivering sound fiscal management, governance and research operations in accordance with the mission, philosophy and values of St John of God Subiaco Hospital.

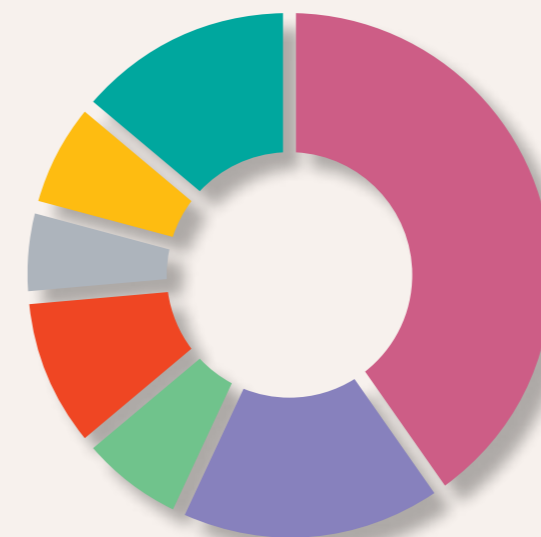
KEY STAFF **Research Operations Manager**
Dino Cercarelli
Research Data Scientist
Andrew Mews

Administrative Officer Research
Heather-Jean McNaught

CONTACT **Research Network contact details**

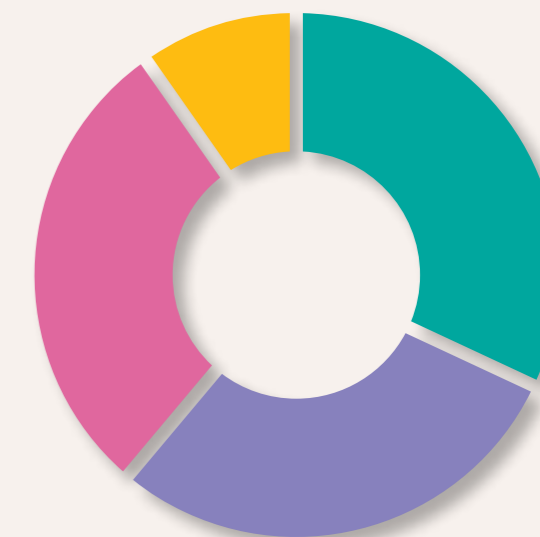
Tel: (08) 6465 9364
Email: research.network@sjog.org.au

Origins of health and medical research initiation
2017/18 St John of God Subiaco Hospital



- Subiaco Investigator Initiated 29
- Commercial Sponsor 12
- Collaborative of Cooperative Research Group 5
- Academic 7
- Research Institute 4
- Other Collaboration 5
- Student 10
- TOTAL 72**

Type of studies undertaken
2017/18 St John of God Subiaco Hospital



- International 23
- Western Australia 21
- Single Site 21
- National 7
- TOTAL 72**

Click links above to navigate to topics.

PREVIOUS

NEXT



OVERVIEW

[CEO Welcome](#)
[Our Hospital](#)
[Our Research](#)
[St John of God Foundation](#)
[Our Supporters](#)
[Our Team](#)
[Our Ethics](#)

RESEARCH AREAS

[Allied Health Research Program](#)
[Anaesthesia and Pain Research Unit](#)
[Breast Cancer Research Unit](#)
[Cardiology Research Group](#)
[Colorectal Cancer Research Group](#)
[Collaborators' Report](#)
[Gynaecological Cancer Research Group](#)
[Inflammatory Bowel Disease Research Unit](#)
[Intensive Care Unit Research Group](#)
[Neonatal Research Group](#)
[Neurosurgery Research Group](#)
[Nursing and Midwifery Research Program](#)
[Oncology Clinical Trials Unit](#)
[Oncology Services](#)
[Orthopaedic Surgery Research Group](#)
[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

Our Research

Our fifteen research units have delivered an outstanding portfolio of diverse research work and achievement in 2017/18.

A brief selection of highlights for this year are showcased below. To read the complete annual overview from each research area, please select from the contents menu on the left.



RESEARCH ACCOLADES

Professor Christobel Saunders awarded as joint recipient of Western Australia's 2017 Premier's Scientist of the Year award.

Breast Cancer Research Unit

Early career researcher Dr Aime Powell received the Cindy Sullivan Fellowship from the Australian Gynaecological Cancer Foundation for her world-first study into the prevention of cervical cancer.

Gynaecological Cancer Research Group



PROJECT MILESTONES

St John of God Subiaco Hospital is one of only four hospitals involved in the NOMINATOR pilot study. This national trial is examining whether a cancer's genetic sequence may be the key to matching people with rare cancers to the right anti-cancer treatments.

Oncology Services

Investigators complete a two-year palliative care research study to compare the hospital's new Goals of Care approach with Not-for-Resuscitation orders in select medical and oncology patients.

Collaboration: Palliative Care/Intensive Care Unit Research Group



PATIENT RECRUITMENT

Exceeding patient recruitment expectations in the PADDI trial - St John of God Subiaco Hospital is the second highest recruiting hospital worldwide with over 50 sites participating. (PADDI stands for the Perioperative Administration of Dexamethasone and Infection).

Anaesthesia and Pain Research Unit

Highest recruiter of participants globally for a metastatic pancreatic cancer trial, incorporating all the elements of the current best treatment options for advanced front-line pancreatic cancer.

Oncology Clinical Trials Unit

Global cardiology study into a new drug to improve heart failure, which launched at St John of God Subiaco Hospital in 2016, recruited 50% of its participants by January 2018.

Cardiology Research Group



NOTEWORTHY ACHIEVEMENTS

The Colorectal Cancer Research Group's image showing immune cells infiltrating colorectal cancer tissue was selected as the cover image for the journal Immunology and Cell Biology in January 2018.

Colorectal Cancer Research Group

Over 560 patients were registered on the Perth Hip and Knee Research Registry by 30 June 2018, helping us to collect valuable data for current and future orthopaedic research projects.

Orthopaedic Surgery Research Group

Creation of the Bendat Respiratory Research and Development Fund to advance research and clinical excellence in respiratory medicine and cancer related pathologies.

WA Thoracic Research Group

Since early 2018, junior doctors interested in research at St John of God Subiaco Hospital can access a dedicated support program established to help them source and develop research projects they are interested in.

Junior Doctors Research Support Program

Click links above to navigate to topics.

[PREVIOUS](#)
[NEXT](#)



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

CEO's Report

St John of God Foundation



Bianca Pietralla
Chief Executive Officer
St John of God Foundation

Over the past twelve months, the St John of God Foundation, through the generous support of the community, has continued to contribute vital funds towards health and medical research, state-of-the-art medical equipment, expanded hospital services, and delivery of social outreach services.



At St John of God Subiaco Hospital, this includes the support of ongoing clinical research trials and new treatments, which are vital in accessing the latest evidence-based practice and generating new knowledge to improve patient outcomes and advances in health care.

Ongoing research can only continue to be achieved in collaboration with the community, through research partnerships and funding bodies. As the philanthropic arm of St John of God Health Care, the Foundation is grateful for the ongoing support of the community in sharing St John of God Subiaco Hospital's vision for leading-edge medicine, facilities and research.

This financial year, the St John of God Foundation received \$1.86 million in donations and an additional \$1.4 million in pledges (a total of \$3.26 million) on behalf of St John of God Health Care.

\$430,000 was allocated, with donors' intent, towards research projects and a further \$260,000 towards clinical equipment at St John of God Subiaco Hospital in the areas of colorectal cancer, lung and respiratory research, and oncology clinical trials at the Bendat Family Comprehensive Cancer Centre.

These donations make a real difference to health outcomes of patients, and are often life-changing.

I would particularly like to acknowledge Foundation benefactors who made significant contributions over \$50,000 this year to medical research and related clinical equipment at St John of God Subiaco Hospital. Thank you to the Bendat Family Foundation, the McIntyre family, Carcione Foundation Pty Ltd, and all of our generous donors, for the impact you continue to enable for patients and their families.

Click links above to navigate to topics.

PREVIOUS

NEXT



Our Supporters

OVERVIEW

- CEO Welcome
- Our Hospital
- Our Research
- St John of God Foundation
- Our Supporters**
- Our Team
- Our Ethics

RESEARCH AREAS

- Allied Health Research Program
- Anaesthesia and Pain Research Unit
- Breast Cancer Research Unit
- Cardiology Research Group
- Colorectal Cancer Research Group
- Collaborators' Report
- Gynaecological Cancer Research Group
- Inflammatory Bowel Disease Research Unit
- Intensive Care Unit Research Group
- Neonatal Research Group
- Neurosurgery Research Group
- Nursing and Midwifery Research Program
- Oncology Clinical Trials Unit
- Oncology Services
- Orthopaedic Surgery Research Group
- WA Thoracic Research Group

PUBLICATIONS

- 2017/18 Publications

Click links above to navigate to topics.

PREVIOUS

NEXT

KEY SUPPORTERS

We are grateful to our donors who supported St John of God Subiaco Hospital projects in the 2017/18 financial year.



VISIONARIES

Visionaries donated over \$250,000:

Bendat Family Foundation

Bendat Family Respiratory and Lung Cancer Research Program

INNOVATORS

Innovators donated between \$100,000 and \$249,999:

Anonymous

Intraoperative Radiation Therapy Device

McIntyre Family

Cooling Caps System for cancer patients

LEADERS

Leaders donated between \$50,000 and \$99,999:

Carcione Foundation Pty Ltd

Intraoperative Radiation Therapy (IORT) Device

CHAMPIONS

Champions donated between \$20,000 and \$49,999:

The Massey Charitable Trust

Cancer Research

Iannello Family

Colorectal Research with Professor Cameron Platell

Tony Fini Foundation

Cancer Research at the Bendat Family Comprehensive Cancer Centre

Jeremy Pui

Pancreatic Research with Dr Andrew Dean

COMMUNITY SUPPORTERS

Community Supporters donated between \$10,000 and \$19,999:

Arthur and Elizabeth Makin

St John of God Subiaco Hospital

FOUNDATION FRIENDS

We are extremely grateful to each and every donor for the support and generosity that they provide to the Foundation. Each donation received helps St John of God to provide the best possible care to the communities we serve.



OVERVIEW

[CEO Welcome](#)
[Our Hospital](#)
[Our Research](#)
[St John of God Foundation](#)
[Our Supporters](#)
[Our Team](#)
[Our Ethics](#)

RESEARCH AREAS

[Allied Health Research Program](#)
[Anaesthesia and Pain Research Unit](#)
[Breast Cancer Research Unit](#)
[Cardiology Research Group](#)
[Colorectal Cancer Research Group](#)
[Collaborators' Report](#)
[Gynaecological Cancer Research Group](#)
[Inflammatory Bowel Disease Research Unit](#)
[Intensive Care Unit Research Group](#)
[Neonatal Research Group](#)
[Neurosurgery Research Group](#)
[Nursing and Midwifery Research Program](#)
[Oncology Clinical Trials Unit](#)
[Oncology Services](#)
[Orthopaedic Surgery Research Group](#)
[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

Click links above to navigate to topics.

[PREVIOUS](#)
[NEXT](#)

Our Team



Professor Steve Webb (Chair)



Dr Andrew Dean



Professor Eli Gabbay



Professor Cameron Platell



Professor Christobel Saunders



Associate Professor Paul Cohen



Professor Shirley Bowen



Dino Cercarelli



Dr Eva Denholm



Bianca Pietralla

Our Research Management Team (pictured above) and Lead Investigators are committed to continually extending our research capabilities, in line with our vision of being a world leader in patient excellence.

Research Management Committee

This committee provides overall leadership and management for research at St John of God Subiaco Hospital.

Professor Steve Webb

Director Clinical Trials | Senior Staff Specialist Intensive Care Medicine | Chair Research Management Committee

Professor Shirley Bowen

Chief Executive Officer, St John of God Subiaco Hospital

Associate Professor Paul Cohen

Director Gynaecological Cancer Research | Gynaecologist

Dino Cercarelli

Research Operations Manager

Dr Andrew Dean

Head of Department Cancer Services | Consultant Oncologist

Dr Eva Denholm

Director Medical Services

Professor Eli Gabbay

Clinical Research Fellow | Respiratory Physician | Chair of the Bendat Respiratory Research and Development Fund Committee

Bianca Pietralla

Chief Executive Officer, St John of God Foundation

Professor Cameron Platell

Director Colorectal Cancer Research Group | Academic Colorectal Surgeon

Professor Christobel Saunders

Director Breast Cancer Research Unit | Breast Cancer Surgeon

Lead Investigators

Our Lead Investigators play a vital role in guiding and supporting research endeavours within our organisation. Each is an established leader in their research field.

Our Research Management Committee members are also Lead Investigators.

Mr Gavin Clark

Consultant Orthopaedic Surgeon

Dr Tim Clay

Medical Oncologist

Mr Dermot Collopy

Consultant Orthopaedic Surgeon

Professor Tomás Corcoran

Consultant Anaesthetist | Raine Foundation Clinical Research Fellow

Dr Tom van Hagen

Consultant Oncologist

Professor Ian Lawrance

Gastroenterologist

Professor Gabriel Lee

Neurosurgeon

Dr Ed Litton

Clinical Research Fellow | Staff Specialist Intensive Care Medicine

Professor Nolan McDonnell

Clinical Associate Professor Anaesthesia

Professor Brendan McQuillan

Consultant Cardiologist

Dr David Morgan

Head of Intensive Care Medicine

Dr Daphne Tsoi

Consultant Oncologist

Professor Eric Visser

Specialist Pain Medicine Physician and Anaesthesiologist | Churack Chair of Chronic Pain Education and Research

Dr Alan Wang

Consultant Orthopaedic Surgeon



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

Click links above to navigate to topics.

PREVIOUS

NEXT

Our Ethics

The Human Research Ethics Committee (HREC) at St John of God Health Care is central to overseeing the ethical and high quality portfolio of health and medical research done at St John of God Subiaco Hospital.

The HREC is supported by a Scientific Review Sub-Committee (SRC) in its review, support and monitoring of all research projects undertaken within the hospital, and is a certified HREC by the National Health and Medical Research Council.

2017/18 HIGHLIGHTS

72 NEW HEALTH AND MEDICAL RESEARCH STUDIES APPROVED FOR ST JOHN OF GOD SUBIACO HOSPITAL

- ★ Studies approved for St John of God Subiaco Hospital represented 45% of all studies approved nationally across St John of God Health Care's hospitals.
- ★ New studies came from a range of disciplines including oncology, nursing, surgical procedures and critical care.
- ★ The majority of research (43%) consisted of cancer studies into new drugs and therapies and supportive pathways for patients with various types and severity of cancer.
- ★ Investigator-initiated studies comprised the greatest volume of projects.
- ★ The majority of studies were undertaken as part of wider research collaboration with other researchers in Western Australia, Australia and overseas.
- ★ Submission process improved to streamline research submissions.
 - This work included our aligning to advancements to the National Health and Medical Research Council National Statement on Ethical Conduct in Human Research and to other key research and ethics guidelines and requirements.
- ★ Education and guidance provided to researchers in research ethics.
 - Throughout the year our Ethics Office provided a series of education and training sessions, as well as offering personalised guidance on research planning, design, compliance and ethical review.

Message from our Chair



We owe a great debt to Professor Michael Byrne who founded the discipline of medical oncology in Western Australia and retired this year from the SRC and HREC after more than ten years of continuous service; to Mr Jeffrey Williams, who served on the HREC for over six years; and to Ms Mary Rigby who also served on the HREC for three years.

We have welcomed new members Dr Samantha Bowyer and Mr Myles Murphy to the SRC, and Dr Tasnuva Kabir and Fr Conor Steadman to the HREC.

Together with our committee members, I look forward to seeing the continued expansion of high quality research at St John of God Subiaco Hospital.

Clinical Professor Dr Simon Dimmitt
Human Research Ethics Committee Chairperson St John of God Health Care

ST JOHN OF GOD HEALTH CARE HUMAN RESEARCH ETHICS COMMITTEE

2017/18 Members

- Chair:** Clinical Professor Dr Simon Dimmitt
BMedSc (Hons) MBBS FRACP FCSANZ
- Deputy Chair:** Mr Colin Keogh BSW MAPP GCLCC
- Members:**
- Ms Tracey Piani RN BA (Hons)
Psychology MBA (in progress)
 - Fr Joe Parkinson STL PhD
 - Dr Janie Brown BNurs MEd PhD
 - Dr Ben Carnley MBBS FRACP FRCPATH
 - Mr Eric Heenan BLaws (Hons) The Honorary Q.C (Retired Judge Supreme Court WA)
 - Dr Tasnuva Kabir PhD MSc MBBS
 - Mr Hamish Milne BA (Hons)
GradCertEthics MPhil MBA GAICD FAIM
 - Sr Leonie O'Brien BEd Master
Pastoral Services
 - Mr Patrick O'Connor
MPsych(clinical) MBA
 - Professor Sally Sandover BSc MPH
 - Fr Conor Steadman STL BDS(c)(Hons)
(pool member)

SCIENTIFIC REVIEW SUB-COMMITTEE

2017/18 Members

- Chair:** Professor Sally Sandover BSc MPH
- Members:**
- Dr Samantha Bowyer MBCh MRCP
FRACP MPH
 - Professor Kevin Croft PhD FRSC
 - Ms Gemma McGrath BNurs BLaws
(Hons) Master of Laws
 - Professor Leanne Monterosso
BNurs (Hons) RN RM NNT GCert
TerTeach, PhD FACNA
 - Mr Myles Murphy BPhysio GCSports
Physio MCLinPhysio
 - Dr Kylie Russell Master Health Science
(Education) BNurs PhD Grad Cert Human
Resource Management (in progress)
 - Mr John Taylor FRCP FRCS FRCS(Ed)
FRACS FRCOG FRANZCOG
 - Dr Paige Tucker BSc (Biomed Sc)
BMBS (Hons) PhD (in progress) AHPRA

ETHICS OFFICE

Ms Gorette De Jesus,
Executive Officer
Ms Karen Roberts,
Research Ethics Officer
Tel: (08) 9382 6940
Email: ethics@sjog.org.au



OVERVIEW

- CEO Welcome
- Our Hospital
- Our Research
- St John of God Foundation
- Our Supporters
- Our Team
- Our Ethics

RESEARCH AREAS

- Allied Health Research Program
- Anaesthesia and Pain Research Unit
- Breast Cancer Research Unit
- Cardiology Research Group
- Colorectal Cancer Research Group
- Collaborators' Report
- Gynaecological Cancer Research Group
- Inflammatory Bowel Disease Research Unit
- Intensive Care Unit Research Group
- Neonatal Research Group
- Neurosurgery Research Group
- Nursing and Midwifery Research Program
- Oncology Clinical Trials Unit
- Oncology Services
- Orthopaedic Surgery Research Group
- WA Thoracic Research Group

PUBLICATIONS

- 2017/18 Publications

Click links above to navigate to topics.

PREVIOUS

NEXT

Our researchers are fundamental to the future of our caring tradition.



Allied Health Research Program



Colorectal Cancer Research Group



Intensive Care Unit Research Group



Oncology Clinical Trials Unit



Anaesthesia and Pain Research Unit



Collaborators' Report



Neonatal Research Group



Oncology Services



Breast Cancer Research Unit



Gynaecological Cancer Research Group



Neurosurgery Research Group



Orthopaedic Surgery Research Group



Cardiology Research Group



Inflammatory Bowel Disease Research Unit



Nursing and Midwifery Research Program



WA Thoracic Research Group



OVERVIEW

- [CEO Welcome](#)
- [Our Hospital](#)
- [Our Research](#)
- [St John of God Foundation](#)
- [Our Supporters](#)
- [Our Team](#)
- [Our Ethics](#)

RESEARCH AREAS

Allied Health Research Program

- [Anaesthesia and Pain Research Unit](#)
- [Breast Cancer Research Unit](#)
- [Cardiology Research Group](#)
- [Colorectal Cancer Research Group](#)
- [Collaborators' Report](#)
- [Gynaecological Cancer Research Group](#)
- [Inflammatory Bowel Disease Research Unit](#)
- [Intensive Care Unit Research Group](#)
- [Neonatal Research Group](#)
- [Neurosurgery Research Group](#)
- [Nursing and Midwifery Research Program](#)
- [Oncology Clinical Trials Unit](#)
- [Oncology Services](#)
- [Orthopaedic Surgery Research Group](#)
- [WA Thoracic Research Group](#)

PUBLICATIONS

- [2017/18 Publications](#)

Allied Health Research Program

This program supports research investigations across a variety of specialties, including maternity, oncology, colorectal surgery and workforce. These projects aim to improve clinical outcomes and enhance service delivery, while at the same time build research capacity among allied health professionals.

Dietitians are qualified experts in **understanding complex disease** states and in providing personalised dietary advice to support patient recovery and promote disease prevention.

FOCUS AREAS

- Researching how post-operative nutrition education for colorectal surgery is perceived by patients and how the effectiveness of this service can be improved for patients.

2017/18 HIGHLIGHTS

- Charlene Grosse, Industry Scholarship St John of God Subiaco Hospital and Edith Cowan University, looking at the efficacy of a lacto-ovo vegetarian diet in ulcerative colitis.

KEY STAFF Senior Research Dietitian
Dr Roslyn Giglia
Manager Allied Health
Charlene Grosse

CONTACT Research unit contact details

Tel: (08) 9382 6070
Email: charlene.grosse@sjog.org.au



PROJECTS

Improving Post-Operative Nutrition Education Outcomes of Colorectal Surgery Patients

Bowel cancer is the second most common cancer in both men and women in Australia and is more common in people aged over 50. Each year the dietetics department at St John of God Subiaco Hospital receives over 300 referrals for education after colorectal surgery. The aim of this research project is to determine where gaps in the provision of post-operative nutrition education for colorectal surgical patients is occurring and how the effectiveness of this service can be improved.

Managing Unknown Food Allergy Status During Hospitalisation

A small percentage (2.5%) of inpatients at St John of God Subiaco Hospital leave hospital with an unknown food allergy status. This study will investigate why this is occurring and look at ways to improve documentation processes related to food allergies.



OVERVIEW

- [CEO Welcome](#)
- [Our Hospital](#)
- [Our Research](#)
- [St John of God Foundation](#)
- [Our Supporters](#)
- [Our Team](#)
- [Our Ethics](#)

RESEARCH AREAS

- [Allied Health Research Program](#)
- [Anaesthesia and Pain Research Unit](#)
- [Breast Cancer Research Unit](#)
- [Cardiology Research Group](#)
- [Colorectal Cancer Research Group](#)
- [Collaborators' Report](#)
- [Gynaecological Cancer Research Group](#)
- [Inflammatory Bowel Disease Research Unit](#)
- [Intensive Care Unit Research Group](#)
- [Neonatal Research Group](#)
- [Neurosurgery Research Group](#)
- [Nursing and Midwifery Research Program](#)
- [Oncology Clinical Trials Unit](#)
- [Oncology Services](#)
- [Orthopaedic Surgery Research Group](#)
- [WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

Click links above to navigate to topics.

[PREVIOUS](#)

[NEXT](#)

Anaesthesia and Pain Research Unit

Our unit is a leading research site in Western Australia for multicentre clinical trials and guidance in anaesthesia, pain and perioperative medicine.

We are committed to finding innovative ways to improve clinical practices, patient care and become a leader in the private sector for clinical excellence.

Pain is one of the most common reasons for people consulting their doctor in Australia.

*Around **400 day surgery patients** are seen for chronic pain at St John of God Subiaco Hospital every week.*

FOCUS AREAS

- Improving perioperative outcomes. Clinical Prof Tomas Corcoran is focused on perioperative outcomes research as the Chief Investigator of several clinical trials.
- Reducing the impact of chronic pain in our community. Dr Eric Visser, Churack Chair for Chronic Pain Education and Research, in partnership with the University of Notre Dame Australia (Fremantle) is tasked with reducing the impact of chronic pain in our community through research and the education of medical students in chronic pain management.
- Improving outcomes for mothers, their babies and women undergoing major gynaecological surgery. Clinical A/Prof Nolan McDonnell, Senior Research Fellow, is involved in research projects spanning obstetric anaesthesia and anaesthesia for gynaecological and gynaecological-oncology surgery.



2017/18 HIGHLIGHTS

- Exceeding patient recruitment expectations in the PADDI trial – St John of God Subiaco Hospital is the second highest recruiting hospital worldwide with over 50 sites participating. (PADDI stands for the Perioperative Administration of Dexamethasone and Infection). We are also participating in multiple PADDI sub studies.
- Beginning our first paediatric collaborative study, EMPHASIS, with Princess Margaret Hospital for Children, aimed at improving outcomes for perioperative high-risk children undergoing a tonsillectomy.
- Completing patient recruitment for the BALANCED anaesthesia study to examine the influence of anaesthetic depth on patient outcome after major surgery.
- The Nerida Dilworth Prize awarded to Dr Justin Hii at the annual Autumn Scientific Meeting ANZCA WA for Best Presentation on “The perioperative management of diabetic patients undergoing surgery; a Western Australian private hospital audit”.

KEY STAFF

Churack Chair for Chronic Pain Education and Research, in partnership with the University of Notre Dame Australia (Fremantle)
 Professor Eric Visser
Senior Research Fellow
 Clinical A/Professor Nolan McDonnell
Clinical Professor
 Professor Tomás Corcoran

Nurse Practitioner
 Jill Kelly
Research Coordinator
 Yvonne Buller
Research Nurse
 Natalie Hird
Research Nurse
 Nisha Sikotra

CONTACT

Research unit contact details

Tel: (08) 9382 9169

Email: yvonne.buller@sjog.org.au



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

PROJECTS

A survey of current labor epidural analgesia practices across Australia and New Zealand

This research is to investigate how epidural analgesia for childbirth is being managed throughout Australia and New Zealand including the drugs used, administration techniques, what administration devices are used and what the administration parameters are.

A prospective audit of opioid analgesia use, pain scores and adverse clinical events during the first seven days after discharge from day-procedure surgery

This study will provide information on baseline analgesia use following surgery, which in turn will guide the development of our 'one for the road rule' initiative targeted at resident medical officers, surgeons, anaesthetists and general practitioners, for safe discharge prescribing of opioids.

CLINICAL TRIALS

PADDI - Perioperative Administration of Dexamethasone and Infection

This trial aims to determine whether the use of intraoperative Dexamethasone, a widely used antiemetic in perioperative medicine, is associated with an unacceptable increased risk of postoperative infection. Findings of this trial have major public health implications in relation to earlier detection of wound infection.

PADDI - PONV sub-study Post-Operative Nausea and Vomiting

Patients enrolled in the PADDI trial are eligible to take part in this sub-study. PONV aims to determine exactly how effective Dexamethasone is at preventing nausea and vomiting.

PADDI - GENOMICS sub-study

Patients enrolled in the PADDI trial are eligible to take part in this sub-study. GENOMICS aims to provide evidence at a genomic level for how a single dose of Dexamethasone modifies innate and adaptive immune function.

EMPHASIS: Enhancing Management of Perioperative High risk patient through Assessment of oxygen Saturation and Sleep quality.

This study is exploring sleep quality and physical activity change within the first two weeks following tonsillectomy. It has the potential to provide detailed clinically relevant information for clinicians and parents about recovery profile after tonsillectomy.

BALANCED - the influence of two levels of anaesthetic depth on patient outcome after major surgery.

This multicentre anaesthesia study completed recruited in November 2017 after investigating the influence of two levels of anaesthetic depth on patient outcome after major surgery since 2014.

PUBLICATIONS

This is a select list of publications.

Restrictive versus Liberal Fluid Therapy for Major Abdominal Surgery

Myles PS, Bellomo R, Corcoran T, Forbes A, Peyton P, Story D, Christophi C, Leslie K, McGuinness S, Parke R, Serpell J, Chan MTV, Painter T, McCluskey S, Minto G, Wallace S. Australian and New Zealand College of Anaesthetists Clinical Trials Network and the Australian and New Zealand Intensive Care Society Clinical Trials Group.

N Engl J Med 2018; 378:2263-2274 DOI: 10.1056/NEJMoa1801601

The early in-vivo effects of a single anti-emetic dose of dexamethasone on innate immune cell gene expression and activation in healthy volunteers.

Bain CR, Draxler DF, Taylor R, Wallace S, Gouldthorpe O, Corcoran TB, Myles PS, L Medcalf R, Bozaoglu K.

Anaesthesia. 2018 Aug;73(8):955-966. doi: 10.1111/anae.14306. Epub 2018 May 28. PMID: 29806695

Perioperative Lidocaine Infusions for the Prevention of Chronic Post-Surgical Pain: A Systematic Review and Meta-Analysis of Efficacy and Safety

Bailey M, Corcoran T, Schug S, Toner A.

Pain. 2018 Sep;159(9):1696-1704. doi: 10.1097/j.pain.0000000000001273.PMID: 29757886

Safety of Perioperative Glucocorticoids in Elective Noncardiac Surgery: A Systematic Review and Meta-analysis

Toner AJ, Ganeshanathan V, Chan MT, Ho KM, Corcoran TB.

Anesthesiology. 2017 Feb;126(2):234-248. doi: 10.1097/ALN.0000000000001466. Review. PMID: 27922839

Does Furosemide Increase Oxidative Stress in Acute Kidney Injury?

Silbert BI, Ho KM, Lipman J, Roberts JA, Corcoran TB, Morgan DJ, Pavey W, Mas E, Barden AE, Mori TA.

Antioxid Redox Signal. 2017 Feb 10;26(5):221-226. doi: 10.1089/ars.2016.6845. Epub 2016 Sep 15. PMID:27530232

Hyperbaric oxygen therapy is not associated with oxidative stress assessed using plasma F2-isoprostanes and isofurans.

Corcoran T, Ting S, Mas E, Phillips M, O'Loughlin E, Barden A, Mori TA.

Prostaglandins Leukot Essent Fatty Acids. 2017 Dec;127:16-19. doi: 10.1016/j.plefa.2017.10.003. Epub 2017 Oct 7.PMID: 29156153

Intraoperative dexamethasone alters immune cell populations in patients undergoing elective laparoscopic gynaecological surgery.

Corcoran T, Paech M, Law D, Muchatuta NA, French M, Ho KM.

Br J Anaesth. 2017 Aug 1;119(2):221-230. doi: 10.1093/bja/aex154. PMID: 28854534

Intraoperative dexamethasone does not increase the risk of postoperative wound infection: a propensity score-matched post hoc analysis of the ENIGMA-II trial (EnDEX).

Corcoran T, Kasza J, Short TG, O'Loughlin E, Chan MT, Leslie K, Forbes A, Paech M, Myles P; ENIGMA-II investigators.

Br J Anaesth. 2017 Feb;118(2):190-199. doi: 10.1093/bja/aew446. PMID: 28100522

Click links above to navigate to topics.

PREVIOUS

NEXT



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

Click links above to navigate to topics.

PREVIOUS

NEXT

Breast Cancer Research Unit

Our research focuses on improving the health, care and lifestyles of those affected by breast cancer through a range of diagnostic and treatment services. These services include innovative oncoplastic and reconstruction surgery, medical oncology, plus supportive care through dedicated breast nurses, survivorship clinics, specialist physiotherapy and psychology care.

1 in 8 Australian women will be diagnosed with breast cancer before the age of 85, which is over 15,000 women per year.

Survival rates for this disease continue to improve, with research supporting early detection and better treatment.

FOCUS AREAS

- Medical and surgical oncology clinical trials. Our medical oncologists run a large number of investigator driven and industry sponsored cancer drug trials. These trials examine aspects of breast cancer prevention, diagnosis, treatments, post treatment, survivorship, fertility, end of life care, drug development, and translation of research into practice.
- Supportive care through dedicated breast nurses, survivorship clinic, exercise intervention, specialist physiotherapy and psychology care, and research enabling young breast cancer survivors to start a family.
- Health services research that can help deliver more equitable and effective cancer care to Western Australians.
- Translational research driven by our Biobank in collaboration with national and international researchers.

2017/18 HIGHLIGHTS

- Professor Christobel Saunders was honoured in 2018 as an Officer in the General Division, Order of Australia, for distinguished service to medical education in the field of surgical oncology, to the diagnosis and management of breast cancer and melanoma, as an academic, researcher and clinician.
- Professor Saunders' project, Patients First: the Continuous Improvement in Care - Cancer, was awarded \$5 million over five years from the Cancer Research Trust and other funders to conduct much-needed research into improving care pathways for cancer patients.
- 56 patients were supported by the Perth Breast Survivorship Clinic at St John of God Subiaco Hospital.
- Professor Christobel Saunders was the joint recipient of Western Australia's 2017 Premier's Science Award for Scientist of the Year. She was also awarded as WA Women's Hall of Fame Inductee for International Women's Day in 2018, for being an outstanding internationally renowned breast cancer surgeon.

KEY STAFF

Director of Breast Cancer Research Unit and Surgical Oncologist

Professor Christobel Saunders

Breast Surgeons/Senior Clinical Lecturers

Mr Lee Jackson
Dr Wen Chan Yeow

Clinical Nurse Consultants Breast Care

Gay Refeld and Joan Burgess

Medical Oncologists

Dr Tim Clay
Dr Andrew Dean
Dr Daphne Tsoi

Research Officer

Dr Niloufer Johansen, PhD

CONTACT

Research unit contact details

Tel: (08) 9382 6163

Email: Niloufer.Johansen@sjog.org.au

Email: Christobel.Saunders@uwa.edu.au



OVERVIEW

[CEO Welcome](#)

[Our Hospital](#)

[Our Research](#)

[St John of God Foundation](#)

[Our Supporters](#)

[Our Team](#)

[Our Ethics](#)

RESEARCH AREAS

[Allied Health Research Program](#)

[Anaesthesia and Pain Research Unit](#)

[Breast Cancer Research Unit](#)

[Cardiology Research Group](#)

[Colorectal Cancer Research Group](#)

[Collaborators' Report](#)

[Gynaecological Cancer Research Group](#)

[Inflammatory Bowel Disease Research Unit](#)

[Intensive Care Unit Research Group](#)

[Neonatal Research Group](#)

[Neurosurgery Research Group](#)

[Nursing and Midwifery Research Program](#)

[Oncology Clinical Trials Unit](#)

[Oncology Services](#)

[Orthopaedic Surgery Research Group](#)

[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

PROJECTS

Mechanical modulation of bone metastases in advanced breast cancer patients: Can targeted exercise suppress osteolytic tumour progression?

Bone is the most common location for metastatic breast carcinoma. This pilot study aims to establish the feasibility, safety and efficacy of individually tailored, modular multi-modal exercise programs with spinal isometric training (M3EP-SIT) in advanced breast cancer patients with bone metastases to reduce tumour growth and activity in bones with osteolytic lesions. If successful, this will provide a non-invasive, low-cost therapy in the management of advanced breast cancer and bone metastases, to improve survivorship and quality of life, which can be immediately translated into practice within community exercise clinics under supervision, nationally and worldwide.

Healthy living after cancer trial

This is telephone intervention trial promotes exercise and healthy living using the Cancer Council helpline telephone service. It is for all adult patients with non-advanced cancer. Funding has been received from the National Health and Medical Research Council Partnership Project.

National Tissue Bank of matched primary breast tumours and metastases obtained at autopsy (BROCADE study)

This study will collect tissue to examine molecular and genetic changes in breast cancers from 'warm autopsy' specimens. Funding has been received from the National Breast Cancer Foundation.

POSITIVE study

The POSITIVE study evaluates the safety of interrupting endocrine therapy for young women with hormone-sensitive breast cancer who wish to become pregnant. St John of God Subiaco Hospital is the first Australian site to be actively involved in this large international research effort, coordinated by the International Breast Cancer Study Group under the umbrella of the Breast International Group.

POSNOC

As part of a bigger international trial, St John of God Subiaco Hospital is now the first Western Australian site involved in looking at treatment after surgery for women whose early stage breast cancer has spread to one or two lymph nodes. The results are likely to improve the future treatment of women with early breast cancer.

ROLLIS Randomised Controlled Trial

St John of God Subiaco Hospital is trialling a new method called Radioguided Occult Lesion Localisation (ROLLIS) which uses low activity Iodine 125 seeds to identify impalpable breast cancers.

Perth Breast Survivorship Clinic

As of 2016, patients at St John of God Subiaco Hospital who are treated for breast cancer and are within one year post-chemotherapy and/or radiotherapy also receive free access to the Wellness after Breast Cancer Clinic.



“Putting cancer patients first is my primary focus and this project will directly improve the lives of those diagnosed with cancer, efficiently and effectively,” said Professor Christobel Saunders of the five-year Patients First project.

[Click links above to navigate to topics.](#)

[PREVIOUS](#)

[NEXT](#)



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

Click links above to navigate to topics.

PREVIOUS

NEXT

PUBLICATIONS

This is a select list of publications.

Out of pocket expenses experienced by rural Western Australians diagnosed with cancer.

Newton J, Johnson C, Hohnen H, Bulsara M, Ives A, McKiernan S, Platt V, McConigley R, Slavova-Azmanova N, Saunders C.

Supportive Care in Cancer. 2018: In Print April 2018 MS JSCC-D-17-01356R1

Timing and mode of breast care nurse consultation from the patient's perspective.

Brown, J.A, Refeld, G., & Cooper, A.

Oncology Nursing Forum (2018), 45(3), 389-398.

Influences on body image and satisfaction with intimacy in younger women following bilateral prophylactic mastectomy: A qualitative analysis.

R. Glassey, M. O'Connor, A. Ives, C. Saunders and S. Hardcastle.

Journal of Behavioural Medicine. 2017: doi.10.1002/pon.4558. [Epub ahead of print]

Cosmetic outcomes as rated by patients, doctors, nurses and BCCT. core software assessed over 5 years in a subset of patients in the TARGIT-A Trial

Corica T, Nowak A, Saunders C, Bulsara M, Taylor M, Williams N, Keshtgar M, Joseph D, Vaidya J. ' . Radiation Oncology. 2018: 13(68)

The clinical need for standardised MDM assessment processes'

Johnson CE, Slavova-Azmanova N, Saunders C. (Author Reply).

Internal Medicine Journal 2018: February 7th. doi.org/10.1111/imj.13705

Exercise following breast cancer: exploratory survival analyses of two randomised, controlled trials

Hayes SC, Steele ML, Spence RR, Gordon L, Battistuta D, Bashford J, Pyke C, Saunders C, Eakin E. Breast Cancer Res Treatment. 2018. Jan;167(2): 505-514. doi.org/10.1007/s10549-017-4541

Patient satisfaction with radioguided occult lesion localisation using iodine-125 seeds ('ROLLIS') versus conventional hookwire localisation.

Ong J, Teh J, Saunders C, Bourke A, Lizama C, Newton J, Phillips M and Taylor D. European Journal of Surgical Oncology. 2017: Dec; 43(12);2261-2269 doi :10.1016/j.ejso.2017.09.021

Influences on decision-making for young women undergoing bilateral mastectomy.

R. Glassey, C. Saunders, M. Connor, A. Ives, H. Thorne, S. Hardcastle and kConFab Investigators. Patient Education and Counseling. 2017: in Press Aug 24th. doi: 10.1016/j.pec.2017.08.008

Calcium channel blockers and breast cancer incidence: an updated systematic review and meta-analysis of the evidence

R. Moorin, J. Hughes, C. Reid, C. Saunders, B. Stricker, E. Chowdbury.

Cancer Epidemiology. 2017: Oct; 50 (Pt A); 113-124. doi: 10.1016/j.canep.2017.08.012. Epub 2017 Sep 1.



Streamlined genetic education is effective in preparing women newly diagnosed with breast cancer for decision making about treatment-focused genetic testing: a randomized controlled noninferiority trial

Quinn VF, Meiser B, Kirk J, Tucker KM, Watts KJ, Rahman B, Peate M, Saunders C, Geelhoed E, Gleeson M, Barlow-Stewart K, Field M, Harris M, Antill YC, Cicciarelli L, Crowe K, Bowen MT, Mitchell G. Genetics in Medicine. 2017: 19; 448-456. Doi :10.1038/gim.2016.130



OVERVIEW

- [CEO Welcome](#)
- [Our Hospital](#)
- [Our Research](#)
- [St John of God Foundation](#)
- [Our Supporters](#)
- [Our Team](#)
- [Our Ethics](#)

RESEARCH AREAS

- [Allied Health Research Program](#)
- [Anaesthesia and Pain Research Unit](#)
- [Breast Cancer Research Unit](#)
- [Cardiology Research Group](#)
- [Colorectal Cancer Research Group](#)
- [Collaborators' Report](#)
- [Gynaecological Cancer Research Group](#)
- [Inflammatory Bowel Disease Research Unit](#)
- [Intensive Care Unit Research Group](#)
- [Neonatal Research Group](#)
- [Neurosurgery Research Group](#)
- [Nursing and Midwifery Research Program](#)
- [Oncology Clinical Trials Unit](#)
- [Oncology Services](#)
- [Orthopaedic Surgery Research Group](#)
- [WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

Click links above to navigate to topics.

PREVIOUS

NEXT

Cardiology Research Group

Our Group focuses on improving outcomes for people with cardiovascular conditions that are public health priorities in Australia.

We target our research across the most common causes of cardiovascular disease and death, including heart failure, angina and heart attack, elevated serum cholesterol and arrhythmias.

The leading cause of death in Australia is cardiovascular disease. It is a major burden of disease across the nation.

Around 4,400 patients were admitted to our hospital in 2017/18 for cardiovascular conditions involving angina and heart attack, high-risk arrhythmia and heart failure.

FOCUS AREAS

- Our research targets the most common causes of cardiovascular hospital admission and deaths in Australia.
- We participate in global drug trials to assess the most advanced care available to patients with cardiovascular disease.

KEY STAFF

Cardiologists

A/Professor Brendan McQuillan, Dr Devind Bhullar, Dr Philip Cooke, Dr Tim Gattorna, Dr Stephen Gordon, Dr Mark Hands, Dr Johan Janssen, Dr Paul Stobie and Dr Eric Yamen

Research Officer

Dr Katayun Mohammadi

CONTACT

Research unit contact details

Tel: (08) 6462 6012
Email: katy.mohammadi@sjog.org.au



2017/18 HIGHLIGHTS

- The multicentre Victoria study launched at St John of God Subiaco Hospital in 2016 and reached a major milestone in January 2018 with 50% (2436) of the study's participants enrolled globally.
- Dr McQuillan was the conveyor and head of the imaging stream on behalf of the scientific committee for the Cardiac Society of Australia and New Zealand 2017 Annual Scientific Meeting in Perth.
- Awarded a National Health and Medical Research Council project grant in 2018 for research into the interaction between obstructive sleep apnea and cardiovascular risk factors on cardiovascular disease.
- The CLEAR Outcome study on Bempedoic acid was submitted for ethics approval in 2017. This is a multicentre, multinational phase III cardiovascular outcome trial to assess the impact of bempedoic acid – a novel LDL cholesterol lowering agent on reducing the risk of major cardiovascular events among patients with, or at high risk for, cardiovascular disease who are statin intolerant. The recruitment plan globally is for over 12,000 patients who will be followed for up to five years.



OVERVIEW

[CEO Welcome](#)

[Our Hospital](#)

[Our Research](#)

[St John of God Foundation](#)

[Our Supporters](#)

[Our Team](#)

[Our Ethics](#)

RESEARCH AREAS

[Allied Health Research Program](#)

[Anaesthesia and Pain Research Unit](#)

[Breast Cancer Research Unit](#)

[Cardiology Research Group](#)

[Colorectal Cancer Research Group](#)

[Collaborators' Report](#)

[Gynaecological Cancer Research Group](#)

[Inflammatory Bowel Disease Research Unit](#)

[Intensive Care Unit Research Group](#)

[Neonatal Research Group](#)

[Neurosurgery Research Group](#)

[Nursing and Midwifery Research Program](#)

[Oncology Clinical Trials Unit](#)

[Oncology Services](#)

[Orthopaedic Surgery Research Group](#)

[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

PROJECTS

VICTORIA- MK-1242 (Vericiguat)

VICTORIA is a multicentre, global study that aims to evaluate the efficacy and safety of study drug “Vericiguat” in improving heart failure in addition to standard of care. As of June 2018, there were 2600 participants enrolled globally and the study will soon complete recruitment. Study follow up will be continued for about 18 months after the last patient recruitment.

EMPEROR- preserved- BI 1245.110

A double-blind trial to evaluate efficacy and safety of once daily empagliflozin 10 mg compared to placebo in patients with heart failure.

Cardiology database

Since 2016, data is collected prospectively from cardiology patients admitted to the Coronary/ Cardiac Care Unit at St John of God Subiaco Hospital. The data is used to evaluate patterns of cardiology admissions, which can be used as a platform for future feasibility studies and cardiology clinical trials.

PUBLICATIONS Plasma Proprotein Convertase Subtilisin Kexin Type 9 as a Predictor of Carotid Atherosclerosis in Asymptomatic Adults.

Chan DC, Pang J, McQuillan BM, Hung J, Beilby JP, Barrett PH, Watts GF. Heart Lung Circ. 2016 May;25(5):520-5. doi: 10.1016/j.hlc.2015.10.017. Epub 2015 Nov 18.

Trends in incidence and prevalence of hospitalization for atrial fibrillation and associated mortality in Western Australia.

Briffa T, Hung J, Knuiman M, McQuillan BM, Chew DP, Eikelboom J, Hankey GJ, Teng THK, Nedkoff L, Weerasooriya R, Lui A, Stobie P., 1995–2010.

International Journal of Cardiology. 2016; 208: 19-25. doi:10.1016/j.ijcard.2016.01.196

Epidemiological and Mendelian randomization studies of dihydrotestosterone and estradiol and leukocyte telomere length in men.

Yeap BB, Knuiman MW, Divitini ML, Hui J, Arscott GM, Handelsman DJ, McLennan SV, Twigg SM, McQuillan B, Hung J, Beilby JP.

J Clin Endocrinol Metab. 2016 Mar;101(3):1299-306. doi: 10.1210/jc.2015-4139. Epub 2016 Jan 20. PMID: 26789780

A global cardiology trial into a new drug to improve heart failure, known as the VICTORIA study, launched at St John of God Subiaco Hospital in 2016. 50% of its participants were recruited by January 2018.





OVERVIEW

[CEO Welcome](#)
[Our Hospital](#)
[Our Research](#)
[St John of God Foundation](#)
[Our Supporters](#)
[Our Team](#)
[Our Ethics](#)

RESEARCH AREAS

[Allied Health Research Program](#)
[Anaesthesia and Pain Research Unit](#)
[Breast Cancer Research Unit](#)
[Cardiology Research Group](#)
[Colorectal Cancer Research Group](#)
[Collaborators' Report](#)
[Gynaecological Cancer Research Group](#)
[Inflammatory Bowel Disease Research Unit](#)
[Intensive Care Unit Research Group](#)
[Neonatal Research Group](#)
[Neurosurgery Research Group](#)
[Nursing and Midwifery Research Program](#)
[Oncology Clinical Trials Unit](#)
[Oncology Services](#)
[Orthopaedic Surgery Research Group](#)
[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

[Click links above to navigate to topics.](#)

[PREVIOUS](#)

[NEXT](#)

Colorectal Cancer Research Group

Our research group is committed to improving survival outcomes for patients with colorectal cancer.

We provide optimal medical and surgical management to colorectal cancer patients, integrated with laboratory and clinical research to provide evidence-based care.

15,000 people are diagnosed every year with colorectal cancer, the second most common cancer in Australia.

74% five-year survival rate* for patients with colorectal cancer treated at St John of God Subiaco Hospital. One of the highest survival rates in Australia.

200 patients (approximately) undergo surgery for colorectal cancer at our hospital each year.

* This figure is an average over the last 12 years.

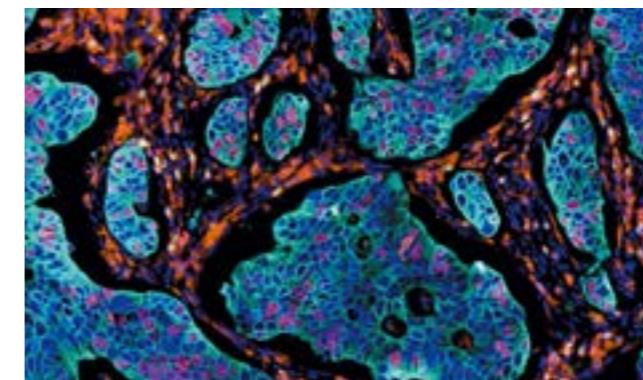
FOCUS AREAS

- Improving surgical and survival outcomes after colorectal cancer surgery.
- Conducting clinical trials in colorectal cancer surgery, which provide access to treatments that may not be available in a non-clinical trial setting.
- Research on the epidemiology of colorectal cancer, genetic and histological markers of prognosis, and factors that may identify early stage colon cancer.
- Managing a population-based screening program in Western Australia for familial bowel cancer, in cooperation with the Western Australian Genetic Counselling Service. This program has significantly increased the diagnosis of the inherited condition of Lynch Syndrome (HNPCC - hereditary non polyposis colon cancer syndrome).



2017/18 HIGHLIGHTS

- Our image showing immune cells infiltrating colorectal cancer tissue (pictured below) was selected as the cover image of the January 2018 edition of "Immunology and Cell Biology". It was obtained using methodology optimised with funding from the Tonkinson Colorectal Cancer Research Fund.
- Dr Timothy Miller awarded his PhD by The University of Western Australia for his thesis entitled 'Clinical value of cancer stem cell markers in colorectal cancer'.
- Dr Miller's work was also selected as best presentation in the Fast Forward abstract presentation session at the 2017 Australasian Gastro-Intestinal Trials Group Annual Scientific Meeting.
- Dr Chidozie Anyaegbu awarded a Suzanne Cavanagh Early Career Investigator Grant by the Cancer Council WA for his project entitled 'Illuminating the role of dendritic cells in preventing colon cancer relapse'.





OVERVIEW

[CEO Welcome](#)

[Our Hospital](#)

[Our Research](#)

[St John of God Foundation](#)

[Our Supporters](#)

[Our Team](#)

[Our Ethics](#)

RESEARCH AREAS

[Allied Health Research Program](#)

[Anaesthesia and Pain Research Unit](#)

[Breast Cancer Research Unit](#)

[Cardiology Research Group](#)

[Colorectal Cancer Research Group](#)

[Collaborators' Report](#)

[Gynaecological Cancer Research Group](#)

[Inflammatory Bowel Disease Research Unit](#)

[Intensive Care Unit Research Group](#)

[Neonatal Research Group](#)

[Neurosurgery Research Group](#)

[Nursing and Midwifery Research Program](#)

[Oncology Clinical Trials Unit](#)

[Oncology Services](#)

[Orthopaedic Surgery Research Group](#)

[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

[Click links above to navigate to topics.](#)

[PREVIOUS](#)

[NEXT](#)

PROJECTS

Do regulatory T cells inhibit the response of rectal carcinomas to neoadjuvant chemoradiotherapy?

This project is investigating whether the immune system plays a role in how well people with rectal cancer respond to chemoradiotherapy (CRT) with a particular focus on regulatory T cells (Tregs), a subset of immune cells that suppress immune responses. The research aims to enable a better prediction of treatment response, which would allow selection of the most appropriate treatment for individual patients.

Cancer stem cells as prognostic markers in colorectal cancer

This project is assessing the prognostic value of a number of markers associated with cancer stem-like cells in colon cancer so that patients with a higher chance of poor outcomes can be accurately identified for more intensive treatment.

Detecting bacterial species in archived colorectal tissue

This pilot study is about determining the feasibility of assessing the presence of bacteria species in archived colorectal tissue. The data will then be used in a subsequent study to investigate the association between the presence and abundance of bacterial species and treatment response.

Could immune checkpoint blockade improve response to chemoradiotherapy in locally advanced rectal cancer?

Drugs that stimulate immune cells to attack cancer are now routinely used in melanoma and lung cancer. Many of these drugs target molecules known as 'immune checkpoints'. One such checkpoint molecule is PD-1, which is triggered by a molecule called PD-L1. This project aims to determine whether the PD-1/PD-L1 interaction influences response to chemoradiotherapy in rectal cancer.

Long-term outcomes of surgical management of rectal prolapse - a single colorectal unit experience

Rectal prolapse often impacts significantly on the quality of life for patients. Various surgical options for rectal prolapse are available but none have been shown to be superior. This research investigates the long-term recurrence rate of all approaches, its associated morbidities and type of reoperation after a recurrence in a single colorectal unit.

Illuminating the role of dendritic cells in preventing colon cancer relapse

Current standard treatment for patients with colon cancer that has spread to lymph nodes is surgery followed by chemotherapy. However, around 20% of patients still relapse. Dendritic cells (DCs) are a special group of immune cells that coordinate the body's immune responses, instructing other immune cells on when to attack and when not to. This study will look at whether the type of DCs in bowel cancer samples helps to identify 'high-risk' patients who may not respond well to chemotherapy.



Minimally invasive management of pilonidal sinus at a single centre

This research is comparing the rate of healing in patients undergoing incision, drainage, derroofing and curettage of pilonidal sinus disease with those undergoing more invasive surgery.

Long term outcomes of positive resection margin following rectal resection

This study involves performing a survival analysis of prospectively collected data on rectal resections performed at St John of God Subiaco Hospital. The research aims to discern the significance of positive resection margins with relation to overall survival and recurrence free survival.

The utility of routine MSI testing in colorectal cancer patients over a 10 year period

A review of routine microsatellite instability (MSI) of Hereditary Nonpolyposis Colorectal Cancer (HNPCC). The research aims to determine the utility of routine MSI testing in the diagnosis of HNPCC, and its associated risks, such as the risk of having metachronous/other HNPCC cancers and patient mortality.

Rectal cancer stem cells, the stroma and inflammation

The response to neoadjuvant (preoperative) chemoradiotherapy for advanced rectal cancer varies widely depending on the patient. Currently, there are no well-defined histologic markers or clinical predictors of response. This study aimed to identify predictors of rectal cancer response to chemoradiotherapy (CRT), which can be translated into everyday clinical practice in diagnostic oncology and histopathology.

An analysis of the long term consequences of anastomotic leaks

Australia has a high rate of colorectal cancer and it contributes to 10% of cancer-related deaths. Anastomotic leaks are one of the most dreaded complications of colorectal surgery. The purpose of the study was to determine the rate of complications and consequences of anastomotic leaks in patients undergoing an ultra-low anterior resection with a de-functioning loop ileostomy for rectal cancer.

Anal squamous cell carcinoma – are we improving outcomes?

Anal squamous cell carcinoma (SCC) is a rare malignancy. The purpose of this study was to review a single institution's experience of clinical outcome following treatment for anal SCC.

Long term outcomes of surgery for colorectal neoplasia: a twenty year study

This study analysed prospectively collected data on colorectal resections carried out over a ten-year period between 1996 and 2006 for colorectal neoplasia. This research was aimed at discerning predictors of long-term survival following colorectal resection.



OVERVIEW

[CEO Welcome](#)

[Our Hospital](#)

[Our Research](#)

[St John of God Foundation](#)

[Our Supporters](#)

[Our Team](#)

[Our Ethics](#)

RESEARCH AREAS

[Allied Health Research Program](#)

[Anaesthesia and Pain Research Unit](#)

[Breast Cancer Research Unit](#)

[Cardiology Research Group](#)

[Colorectal Cancer Research Group](#)

[Collaborators' Report](#)

[Gynaecological Cancer Research Group](#)

[Inflammatory Bowel Disease Research Unit](#)

[Intensive Care Unit Research Group](#)

[Neonatal Research Group](#)

[Neurosurgery Research Group](#)

[Nursing and Midwifery Research Program](#)

[Oncology Clinical Trials Unit](#)

[Oncology Services](#)

[Orthopaedic Surgery Research Group](#)

[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

PUBLICATIONS

This is a select list of publications.

Influence of primary site on metastatic distribution and survival in stage IV colorectal cancer.

Suthanathan AE, Bhandari M, Platell C. *ANZ J Surg* 2018 May; 88(5):445-449. DOI: 10.1111/ans.13969. PMID: 2851279.

Comparing pathological complete response rate using oral capecitabine versus infusional 5-fluorouracil with preoperative radiotherapy in rectal cancer treatment.

Jootun N, Evans T, Mak J, Makin G, Platell C. *ANZ J Surgery* 2018 Jan; 88(1-2):62-65. DOI: 10.1111/ans.14192. PMID: 28982208.

Exploration of information and support needs in relation to health concerns, diet and physical activity in colorectal cancer survivors.

Hardcastle SJ, Maxwell-Smith C, Hagger MS, O'Connor M, Platell C. *Eur J Cancer Care* 2018 Jan; 27(1). DOI: 10.1111/ecc.12679. PMID: 28337818.

The prognostic value of cancer stem-like cell markers SOX2 and CD133 in stage III colon cancer is modified by expression of the immune-related markers

FoxP3, PD-L1 and CD3. Miller TJ, McCoy MJ, Hemmings C, Bulsara MK, Iacopetta B, Platell CF. *Pathology* 2017 Dec;49(7):721-730. DOI: 10.1016/j.pathol.2017.08.007. PMID: 29102042.

Neoadjuvant chemoradiotherapy for rectal cancer: how important is tumour regression?

McCoy MJ, Hemmings C, Hillary S, Penter C, Bulsara MK, Zeps N, Platell CF. *ANZ J Surgery* 2017 Dec;87(12):E233-E239. DOI: 10.1038/bjc.2015.427. PMID: 26631340.

Optimizing Patient Risk Stratification for Colonoscopy Screening and Surveillance of Colorectal Cancer: The Role for Linked Data.

Preen DB, Lansdorp-Vogelaar I, Ee HC, Platell C, Cenin DR, Troeung L, Bulsara M, O'Leary P. *Front Public Health* 2017 Sep 8;5:234. DOI: 10.3389/fpubh.2017.00234. PMID: 28944221.

KEY STAFF

Director of Colorectal Cancer Research Group

Professor Cameron Platell

Postdoctoral Research Fellow

Dr Melanie McCoy

Clinical Research Nurse

Cheryl Penter

Research Officers

Tracey Lee-Pullen and
Dr Chidozie Anyaegbu

Graduate Research Assistants

Dr Timothy Miller, Stephanie Austin and Megan Clarke

Associate Investigators

St John of God Subiaco Hospital:

Dr Jennifer Ryan, Mr Paul Salama,
Dr Daphne Tsoi, Dr Thomas van Hagen,
Dr Ru-Wen The and Dr Tim Clay.

St John of God Murdoch Hospital:

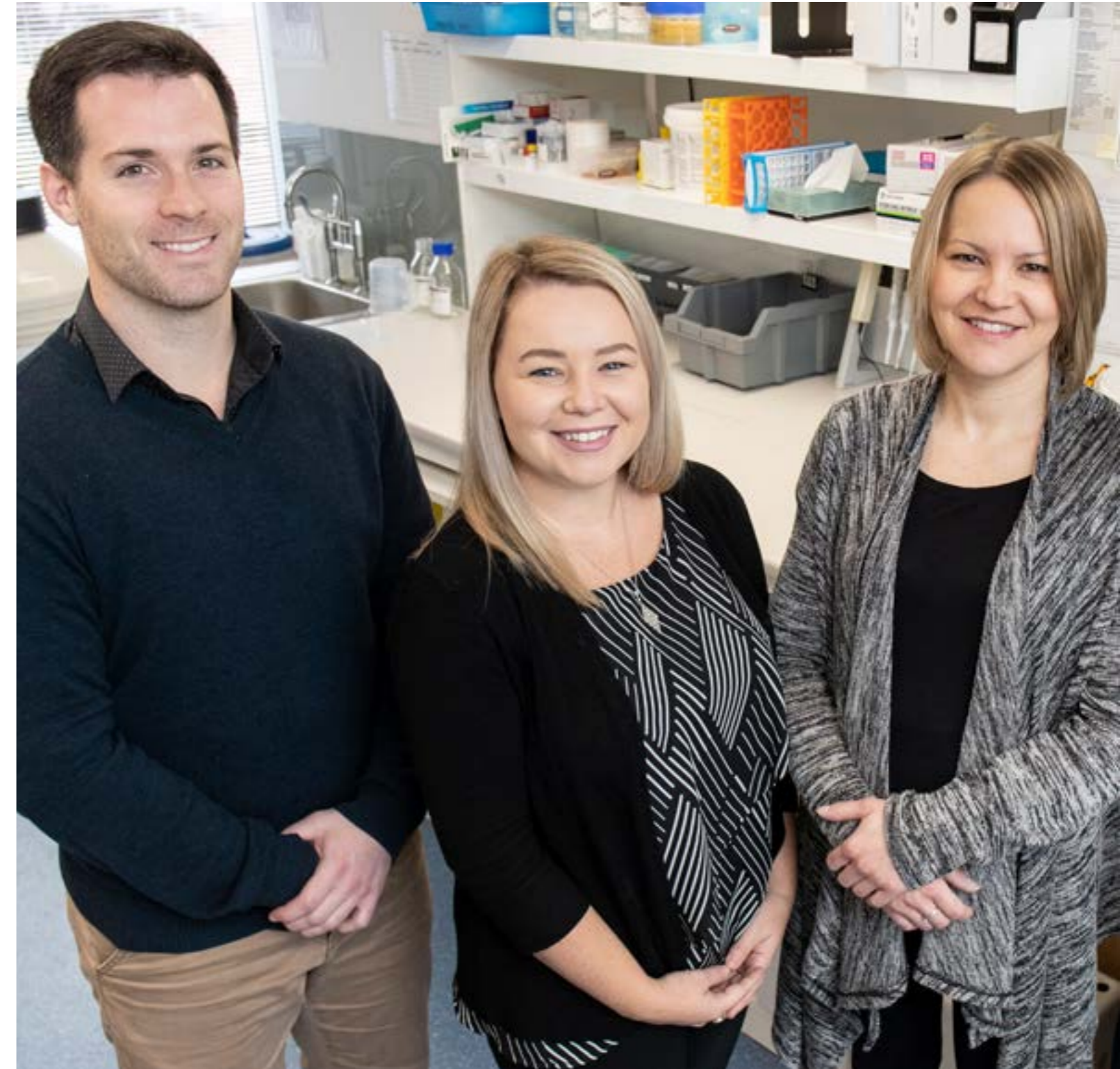
Mr Gregory Makin, Mr Nigel Barwood,
Dr Sanjay Mukhedkar and Dr Kynan Feeney.

CONTACT

Research unit contact details

Tel: (08) 9213 2108

Email: melanie.mccoy@uwa.edu.au
cameron.platell@uwa.edu.au



[Click links above to navigate to topics.](#)

[PREVIOUS](#)

[NEXT](#)



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

[Click links above to navigate to topics.](#)

PREVIOUS

NEXT

Collaborators' Report

Wearable Activity Technology And Action-Planning (WATAAP) to promote physical activity in cancer survivors: Randomised controlled trial protocol

Collaborator: Sarah Hardcastle

SJG Subiaco Hospital authors: Paul Cohen, Cameron Platell, Patrick Tan, Michael Levitt, Paul Salama, Stuart Salfinger

External authors: Gregory Makin, Jason Tan, Ganendra Raj Kader Ali Mohan, Robert Kane, Dana Hince, Ruth Jiménez-Castuera

Colorectal and gynaecological cancer survivors are at cardiovascular risk due to comorbidities and sedentary behaviour, warranting a feasible intervention to increase physical activity. The Health Action Process Approach (HAPA) is a promising theoretical framework for health behaviour change, and wearable physical activity trackers offer a novel means of self-monitoring physical activity for cancer survivors.

Factors influencing non-participation in an exercise program and attitudes towards physical activity amongst cancer survivors.

Collaborator: Sarah Hardcastle

SJG Subiaco Hospital author: Paul Cohen
External authors: Chloe Maxwell-Smith, Sviatlana Kamarova, Stephanie Lamb, Lesley Millar

The purposes of this study are to investigate factors influencing non-participation in a structured exercise program for cancer survivors and to explore survivors' experiences and attitudes in relation to physical activity participation

Knowledge, attitudes, and practice of oncologists and oncology healthcare providers in promoting physical activity to cancer survivors: an international survey

Collaborator: Sarah Hardcastle

SJG Subiaco Hospital authors: Andrew Dean, Paul A Cohen

External authors: Robert Kane, Paola Chivers, Dana Hince, Dominic Higgs

A study to investigate knowledge, attitudes, and practices of oncologists towards physical activity (PA) in cancer survivors, and the association between oncologists' own PA behaviour and PA promotion.

Heightened perception of breast cancer risk in young women at risk of familial breast cancer

Collaborator: Sarah Hardcastle

SJG Subiaco Hospital author: Christobel Saunders
External authors: Rachael Glassey, Moira O'Connor, Angela Ives, kConFab Investigators, Sarah O'Sullivan

A study to explore the factors that influence perceived personal risk of developing breast cancer (in younger women (<35) who are considering or have undergone bilateral prophylactic mastectomy.

BREAST CANCER

Sexuality and quality of life of breast cancer survivors after bilateral salpingo-oophorectomy: a case-control cross-sectional study

Collaborator: Gynaecological Cancer Research Group at St John of God Subiaco Hospital

SJG Subiaco Hospital authors: Paul Cohen, Christobel Saunders

External authors: Paige Tucker, Lee Jackson

The removal of the ovaries and fallopian tubes is a major surgical procedure with both short- and long-term potential adverse effects. Several studies have investigated the psychological and menopausal effects of bilateral salpingo-oophorectomy, and have reported high rates of sexual issues following the surgery.

The primary aim of this observational study is to compare sexual function and quality of life in women with breast cancer who have undergone the removal of their ovaries and fallopian tubes with those who have intact ovaries, to gain a greater understanding of the effects of bilateral salpingo-oophorectomy and to assist in the counselling of women who may be considering the procedure.

COLORECTAL CANCER

Behavioural intervention trial to improve physical activity in cancer survivors at cardiovascular risk

Collaborator: Sarah Hardcastle

SJG Subiaco Hospital authors: Paul Cohen, Cameron Platell, Ganendra Raj Kader Ali Mohan

External authors: Chloe Maxwell-Smith, Sarah Hardcastle

Cancer survivors are at increased risk of secondary cancers, cardiovascular disease and other comorbidities. Wearable activity technology holds great potential as a self-monitoring tool to increase physical activity in survivors. The Fitbit™ has demonstrated effectiveness for increasing physical activity in overweight and obese adults.

This study aims to determine whether a pragmatic intervention package using wearable activity technology, coupled with action-planning, goal-setting and coping planning is effective for increasing physical activity and reducing sedentary behaviour in gynaecological and colorectal cancer survivors at cardiovascular risk. A secondary aim is to assess the acceptability of this intervention that could be incorporated into routine after-care for survivors.

GYNAECOLOGICAL CANCER

A Phase II Randomised Clinical Trial of Mirena® ± Metformin ± Weight Loss Intervention in Patients with Early Stage Cancer of the Endometrium

Collaborator: Andreas Obermair (Queensland Centre for Gynaecological Cancer, Royal Brisbane and Women's Hospital, University of Queensland)

SJG Subiaco Hospital authors: Paul Cohen, Stuart Salfinger, Ganendra Raj Kader Ali Mohan

External author: Andreas Obermair

Endometrial cancer is a cancer arising from the endometrium (the lining of the uterus). Endometrial hyperplasia with atypia is the medical term for unusual or excessive growth in the inner lining of the uterus of cells that look different from normal, but do not have all the features of cancer cells.

Currently the standard treatment for cancer or endometrial hyperplasia with atypia is a total hysterectomy and removal of both ovaries, which carries significant side effects for women of all ages. This study aims to investigate whether endometrial cancer and endometrial hyperplasia with atypia can be effectively

treated either with a Mirena intrauterine system, Mirena with Metformin or Mirena with weight loss, thus sparing patients major surgery.

A Phase III randomised clinical trial comparing laparoscopic or robotic radical hysterectomy versus abdominal radical hysterectomy in patients with early stage cervical cancer (LACC)

Collaborator: Pedro Ramirez

SJG Subiaco Hospital authors: Ganendra Raj Kader Ali Mohan, Stuart Salfinger, Paul Cohen

External authors: Pedro T. Ramirez, The University of Texas MD Anderson Cancer Center, Houston, Texas, USA.

The standard treatment for early cervical cancer is a radical hysterectomy which may be performed by laparotomy or laparoscopic ("keyhole") surgery. Preliminary data has shown that laparoscopic treatment of early cervical cancer may have potential advantages for patients, and that no difference exists in the prognosis of patients with cervical cancer whether they had laparoscopic or open surgery.

We want to compare both techniques to demonstrate that they are equally effective in terms of prognosis but that laparoscopy is superior with respect to quality of life, treatment-related morbidity of surgery and disease status.

Targeting mTOR signaling in human ovarian cancer

Collaborator: Pradeep Tanwar

SJG Subiaco Hospital author: Paul Cohen

External author: Pradeep Tanwar

This study aims to analyse the status of mTOR signalling in serous ovarian cancer and investigate the functional evidence for the role of mTOR signalling in the pathogenesis of serous ovarian cancer. An improved understanding of the involvement of mTOR in serous ovarian carcinogenesis will provide a rationale for using mTOR inhibitors in patients with alterations in this signalling pathway and may be immensely beneficial for ovarian cancer patients. Funded by an ARC Future Fellowship.



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

[Click links above to navigate to topics.](#)

PREVIOUS

NEXT

Mindfulness based cognitive behavioural therapy to treat fear of recurrence in ovarian cancer survivors (FROCS): a pilot study.

Collaborator: Kellie Bennett, Behavioural Science Unit, Queen Elizabeth II Medical Centre, UWA

SJG Subiaco Hospital authors: Paul Cohen, Nik Zeps, Stuart Salfinger, Ganendra Raj Kader Ali Mohan

External authors: Kellie Bennett, Toni Musiello, Suzie Brans, Anna Petterson

This study aims to determine the acceptability and efficacy of mindfulness based cognitive therapy as a treatment for fear of cancer recurrence in ovarian cancer survivors. It will ascertain the prevalence and severity of fear of cancer recurrence in ovarian cancer survivors in Western Australia, and assess whether there is a correlation between this fear and psychological wellbeing. Funded by a St John of God Foundation grant.

Behavioural Intervention Trial to Improve Physical Activity in Cancer Survivors at Cardiovascular Risk

Collaborator: Sarah Hardcastle

SJG Subiaco Hospital authors: Paul Cohen, Cameron Platell, Ganendra Raj Kader Ali Mohan

External authors: Sarah Hardcastle, Chloe Maxwell-Smith, Nik Zeps

This project invited cancer survivors to participate in a 12-week behavioural intervention to increase physical activity levels. Participants were randomised into intervention and control groups. The intervention group was required to attend two group sessions to help them set goals, plan and monitor their behaviour.

Each participant in this group received a device to monitor their physical activity for the 24-week trial. The control group received physical activity recommendations. Physical activity, health indicators and attitudes were measured at 12 weeks (end of intervention), and at 24 weeks.

A prospective audit of sentinel node biopsy for vulval carcinoma in Australia and New Zealand

Collaborator: Peter Sykes, University of Otago, Christchurch, New Zealand.

SJG Subiaco Hospital author: Paul Cohen

External authors: Peter Sykes, Bryony Simcock, Lois Eva, Simone Petrich, Cecile Bergzol, Alison Brand, Orla McNally, Penny Blomfield, Lewis Perrin, Diane Kenwright, Ole Mogenson, Rachael van der Griend, Peter Sykes.

This study aims to document the utility and safety of sentinel node dissection for vulval cancer in Australia and New Zealand.

Tumour profiling of coded samples.

Collaborator: Susan Ramus (Women's and Children's Health, NSW)

SJG Subiaco Hospital author: Paul Cohen

External authors: Susan Ramus

We are part of an international consortium of studies performing tumour profiling on ovarian tumours. This study aims to identify prognostic markers and improved classification of ovarian cancers, which would be expected to improve outcomes for some ovarian cancer patients through better selection of targeted treatments and the development of novel treatment targets.

Unravelling mucinous tumours of the ovary and intestinal tract: diagnosis, classification and molecular profiling.

Collaborator: Susan Ramus (Women's and Children's Health, NSW)

SJG Subiaco Hospital authors: Paul Cohen, Bonnie Zhang, Sanela Bilic

External authors: Nichola S. Meagher, Susan Ramus, Linyuan Wang, et al

Mucinous cancers are rare subtypes of cancer affecting different organs, most commonly colon, appendix and ovary. The diagnosis of mucinous ovarian cancer is challenging, with uncertainty about whether it started in the ovary or elsewhere in the gastrointestinal tract. This makes treatment recommendations difficult.

The aim of this study is to analyse the histopathological and molecular profiles of ovarian and intestinal mucinous tumours, compared with non-mucinous ovarian tumours to elucidate diagnostic and potential prognostic markers

Advanced Single Cell Cancer Genomics in Western Australia

Collaborator: Alistair Forrest, The University of Western Australia

SJG Subiaco Hospital authors: Paul Cohen, Stuart Salfinger, Ganendra Raj Kader Ali Mohan

External authors: Alistair Forrest, Yu Yu

Cancer genomics has revolutionized our understanding of the myriad genetic lesions that cause cancer, and for some cancers such as melanoma, a single mutation can be translated directly into a therapeutic choice and improved outcome. But, for most tumours the situation is much more complex.

Our multidisciplinary team of surgeons, oncologists, pathologists, cancer biologists, immunologists, genomic scientists and computational biologists from all of the major universities, hospitals and medical research institutes across Perth has come together to establish high throughput single cell profiling of numerous cancers (breast, mesothelioma, brain, melanoma, lung, head and neck, liver, colorectal, leukaemia, and gynaecologic).

We will profile thousands of individual cells from each patient's cancer, survey the genes active in single cells then build a unique molecular atlas of hundreds of cancer samples. These single cell profiles will allow us to better study the tumour microenvironment, tumour heterogeneity, identify new biomarkers including circulating tumour cells and better predict response to therapy and relapse.

WA Gynaecological Oncology Biospecimen Bank

Collaborator: Yee Leung (King Edward Memorial Hospital)

The WA Gynaecologic Oncology (WAGO) Biospecimen Bank was developed to provide ethically obtained biospecimens, cross referenced with a health information database for research. This infrastructure enables researchers to define the clinico-pathological, molecular and therapeutic factors impacting on morbidity and mortality of patients presenting to gynaecologic oncologists operating within Western Australia.

Development of therapeutic targets and prognostic biomarkers for recurrent ovarian cancers

Collaborator: Yu Yu (Curtin University of Technology)

SJG Subiaco Hospital authors: Paul Cohen, Stuart Salfinger, Ganendra Raj Kader Ali Mohan, Sanela Bilic

External authors: Yu Yu, Adeline Tan, Colin Stewart, Yee Leung

Ovarian cancer is one of the most lethal female cancers. It is estimated that 1,580 Australian women will be diagnosed with ovarian cancer in 2017. The majority of patients have advanced disease at time of diagnosis, and despite best treatment including cytoreductive surgery and platinum-based adjuvant chemotherapy, most will relapse and ultimately die of their disease. Recent epidemiological and clinical data suggest that ovarian cancer is immunogenic. There is a clear relationship between a declining anti-tumour immune response and cancer recurrence.

Our hypothesis is that increasing immune dysfunction plays a significant role in ovarian cancer recurrence and that appropriate immune activation using immunotherapy will promote favourable responses to chemotherapy. This study will examine tumour specific autoantibody and cytokine profiles to identify 'immune signatures' as potential prognostic biomarkers, and select specific targets for development of a novel immunotherapy approach.

INFLAMMATORY BOWEL DISEASE

Controlled trial of a decision aid for ulcerative colitis patients: Enhancing patients' quality of life, empowerment, quality of decision making and disease control

Collaborator: South Western Sydney Health Network and University of New South Wales

SJG Subiaco Hospital authors: Ian Lawrance, Daniel Lightowler

External authors: Susan Connor, Jane Andrews, Afaf Girgis, Corey Siegel, Alexandra Sechi, Andrew Kim

The study will review the use of a patient decision making aid designed for ulcerative colitis patients allowing them to become empowered in making decisions within their disease management.

Vedolizumab Drug Levels in Pregnancy

Collaborator: St Vincent's Hospital Melbourne and the University of Melbourne

SJG Subiaco Hospital author: Ian Lawrance

External authors: Sally Bell

The study will examine Vedolizumab drug levels throughout pregnancy and within cord blood.



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

NEONATAL

A Phase 3, Randomised, Observer-Blind, Placebo-Controlled, Group-Sequential Study to Determine the Immunogenicity & Safety of a Respiratory Syncytial Virus (RSV) F Nanoparticle Vaccine with Aluminum in Healthy Third-trimester Pregnant Women; and Safety and Efficacy of Maternally Transferred Antibodies in Preventing RSV Disease in their Infants

Collaborator: Peter Richmond (Telethon Kids Institute)

SJG Subiaco Hospital author: Michael Gannon

External authors: Tanya Stoney, Gabriela Willis, Rachel West, Gladymar Perez (all Telethon Kids Institute)

The goal of this study is to determine whether an RSV (Respiratory Syncytial Virus) vaccine given to pregnant women during the third trimester of pregnancy can protect newborn babies from RSV infections. Similar clinical studies have given investigational vaccines to pregnant women and have been proven to protect newborn babies against tetanus, pertussis (whooping cough) and influenza.

The PLAN Project: Pregnancy Lifestyle Activity and Nutrition

Collaborators: Rai-Chi Huang (Telethon Kids Institute), Lawrie Beilin (UWA), Kym Guelfi (UWA), Susan Prescott (UWA), Lisa Gibson (Telethon Kids Institute), Gina Ambrosini (UWA)

SJG Subiaco Hospital author: Helen McAllister

We know that we are facing an obesity epidemic with 75% of the Australian population projected to be overweight or obese by 2030. Maternal excess weight gain during early (not middle or late) pregnancy has been identified as a critical window of opportunity for short term interventions to break the 'transmission' of obesity from one generation to the next.

This trial will focus on early pregnancy weight gain in order to break the cycle of obesity with the aim of reducing offspring adiposity and improve their future obesity trajectory. The proposed study also has a focus on improving the mother's health during their pregnancy.

NEUROSURGERY

Real time sensing and navigation of screw placement during spine surgery

Collaborators : Christopher Hodgkinson and Jacob Snedker

Conducted a systematic review of real-time position sensing of pedicle-screw placement

Converting CT Scan into 3D models

Collaborators: Pei Wen Voon and Joshua Manzie

SJG Subiaco Hospital author: Gabriel Lee

Converted lumbar spine CT scans into a 3D model, which was subsequently imported to Microsoft HoloLens. The Hologram of the model was automatically registered to the physical object that was 3D printed.

ORTHOPAEDICS

A follow-up, longitudinal study of the clinical and radiographic outcomes of participants that receive a Triathlon Custom Fit Knee® using Stryker ShapeMatch® Technology. Extension Study

Collaborator: Stryker Orthopaedics

SJG Subiaco Hospital author: Gavin Clark

A longitudinal follow up of patients who had a total knee replacement using the Stryker Shapematch cutting block system. This project follows the patients over 5 years, and studies patients' clinical results, outcome measures and radiological findings.

Prospective Data Acquisition from Mako Total Knee Arthroplasty Procedures Perth, Australia Mako TKA Data Acquisition Project 2.0

Collaborator: Stryker Orthopaedics

SJG Subiaco Hospital authors: Gavin Clark, Dermot Collopy
Preoperative, Intraoperative, postoperative data collection of patients who have undergone a total knee replacement using Stryker's Robotic Assisted Arm technology – Makoplasty. This project captures patients reported outcomes measures, intraoperative surgical data, and radiological findings in order to study this new technology.

A post marketing survivorship study of the Paragon hip and global cup system in primary hip replacement.

Collaborator: Global Orthopaedics

SJG Subiaco Hospital author: Dermot Collopy

A study to establish a control data set for a potential future study, reviewing revision rate of Paragon hip stem and global cup. This study involves 14 surgeons across Australia and 1400 planned patients.

Mako Registry 15- a prospective enrolment of patients undergoing a UKA/Bi-compartmental knee replacement into a registry database

Collaborator: Stryker Orthopaedics

SJG Subiaco Hospital authors: Dermot Collopy, Gavin Clark

All patients undergoing this Mako surgery have been entered into the database. As of 2018, data from 207 patients has been entered on the registry (ongoing).

WA THORACIC RESEARCH GROUP

The incidence and impact of obstructive sleep apnoea in patients undergoing bariatric surgery

Collaborator: Taunton Hospital, United Kingdom

SJG Subiaco Hospital authors: Eli Gabbay, Miranda Smith, David Morgan

This multicentre study will explore the cardiorespiratory impacts of bariatric surgery across three sites in WA and UK.



Click links above to navigate to topics.

PREVIOUS

NEXT



OVERVIEW

CEO Welcome
Our Hospital
Our Research
St John of God Foundation
Our Supporters
Our Team
Our Ethics

RESEARCH AREAS

Allied Health Research Program
Anaesthesia and Pain Research Unit
Breast Cancer Research Unit
Cardiology Research Group
Colorectal Cancer Research Group
Collaborators' Report
Gynaecological Cancer Research Group
Inflammatory Bowel Disease Research Unit
Intensive Care Unit Research Group
Neonatal Research Group
Neurosurgery Research Group
Nursing and Midwifery Research Program
Oncology Clinical Trials Unit
Oncology Services
Orthopaedic Surgery Research Group
WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

Click links above to navigate to topics.

PREVIOUS

NEXT

Gynaecological Cancer Research Group

Our research encompasses basic science, histopathology, molecular genetics, surgical innovation, perioperative care, medical oncology, psycho-oncology and supportive care.

Given the large number of patients seeking treatment for gynaecological cancers at St John of God Subiaco Hospital, we are well placed to undertake translational research.

The 3rd most commonly diagnosed cancer in women in Australia is gynaecological cancer, including ovarian, endometrial, cervical and uterine cancers.

50% of all Western Australian gynaecological cancer cases are treated at St John of God Subiaco Hospital.

FOCUS AREAS

- Serving as a national recruiting site for surgical trials and novel chemotherapy drug trials to treat women with gynaecological cancers.
- Improving patient care and outcomes through the latest gynaecological surgical techniques and innovations, medical oncology services and a range of supportive care.
- Engaging in translational research using tissue specimens obtained through the Western Australian Gynaecologic Oncology Biospecimen Bank.
- Supporting population health studies and epidemiology of gynaecological cancers in Western Australia using data linkage.



2017/18 HIGHLIGHTS

- EXCISE Study: St John of God Subiaco Hospital is the lead site and sponsor for this pilot study that aims to compare two treatments for removing precancerous cells (adenocarcinoma in situ) from the cervix. It is the first time the hospital has taken the sponsor role for a clinical trial.
- TRACEBACK study: In February 2017, the Australian Government announced \$2.96 million to fund the ground-breaking collaboration study in which the WA Gynaecological Research Group is taking part. This study is expected to identify many women with previously undetected BRCA gene mutations, allowing more families to become aware of their heightened risk while also providing current and future generations

the opportunity to adopt strategies to reduce their cancer risk.

- The Australian Gynaecological Cancer Foundation announced Dr Aimee Powell as the 2018 Cindy Sullivan Fellowship recipient. Dr Powell is an Early Career Postdoctoral Research Fellow with St John of God Subiaco Hospital and the Institute for Health Research, established by The University of Notre Dame Australia. Her research project is entitled "Aboriginal women at increased risk of cervical cancer incidence and mortality: Quantifying the risk in an era of national prevention programs". The fellowship takes the form of a two-year grant of \$100,000 per year with an additional \$10,000 per year for research support.



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

PROJECTS

The Case for Pre-operative Very Low Calorie Diets (VLCDs) in Obese Endometrial Cancer Patients

The rationale of the study is to document the feasibility, tolerability and efficacy of a Very Low Calorie Diet (VLCD) in obese endometrial cancer patients by assessing compliance and weight loss. A secondary objective is to measure patients' metabolic profiles prior to, and following, the intervention to provide data to inform further research.

Development of therapeutic targets and prognostic biomarkers for recurrent ovarian cancers

Ovarian cancer is the sixth most common cause of cancer death in Australian women and it is the most common cause of death from a gynaecological cancer. We hypothesise that there are important molecular differences between primary (untreated) and post-chemotherapy (refractory/relapsing) biospecimens that provide insights into the mechanisms of chemoresistance. By investigating these differences in matched primary and relapse samples in the same patients, we may be able to derive new biomarkers and therapeutic targets to reduce the burden of recurrent ovarian cancers.

Exploring attitudes to conception in partners and young women with gynaecological cancers treated by fertility sparing surgery

Gynaecological cancers in young women of childbearing age constitute 16% of all cancers in young females. They are associated with good survival outcomes but high rates of patient anxiety, depression and desire for future fertility. There has been gradual development of fertility preserving surgical options for women who have early stage cervical, endometrial and ovarian cancers. No studies have investigated the role of partners in this decision making. Our findings may lead to improvements in the care and support offered to partners of reproductive-age gynaecological cancer patients.

RRM2 as a Predictive Marker in Vulval Intraepithelial Neoplasia (VIN)

Vulval intraepithelial neoplasia (VIN) can progress to cancer, persist or regress itself. RRM2 may be useful to distinguish more aggressive disease that warrants intensive therapy. It may also act as a predictive marker for VIN recurrence after initial treatment.

EXCISE Study (EXcisional treatment Comparison for In Situ Endocervical adenocarcinoma)

St John of God Subiaco Hospital is the lead site for a pilot study to compare loop electrosurgical excision procedure to 'cold knife cone biopsy' for the treatment of cervical adenocarcinoma in situ. This important study will be the first time the hospital has been a lead site (sponsor) for an international clinical trial.

The FROCS Study: Fear of Recurrence in Ovarian Cancer Survivors

The Fear of Recurrence in Ovarian Cancer Survivors study is a research study examining if a mindfulness based cognitive therapy course is helpful in assisting women with ovarian cancer to manage their worries and fears about their cancer recurrence.

CLINICAL TRIALS

A Phase III Randomized Clinical Trial of Total Laparoscopic or Robotic Radical Hysterectomy versus Total Abdominal Radical Hysterectomy in Patients with Early Stage Cervical Cancer

Principal Investigator: A/Prof Paul Cohen
Closed for recruitment.

feMMe: A Phase 2 Randomised Clinical Trial of Mirena® ± Metformin ± Weight Loss Intervention in Patients with Early Stage Cancer of the Endometrium

Principal Investigator: A/Prof Paul Cohen
Open for recruitment: since August 2015.

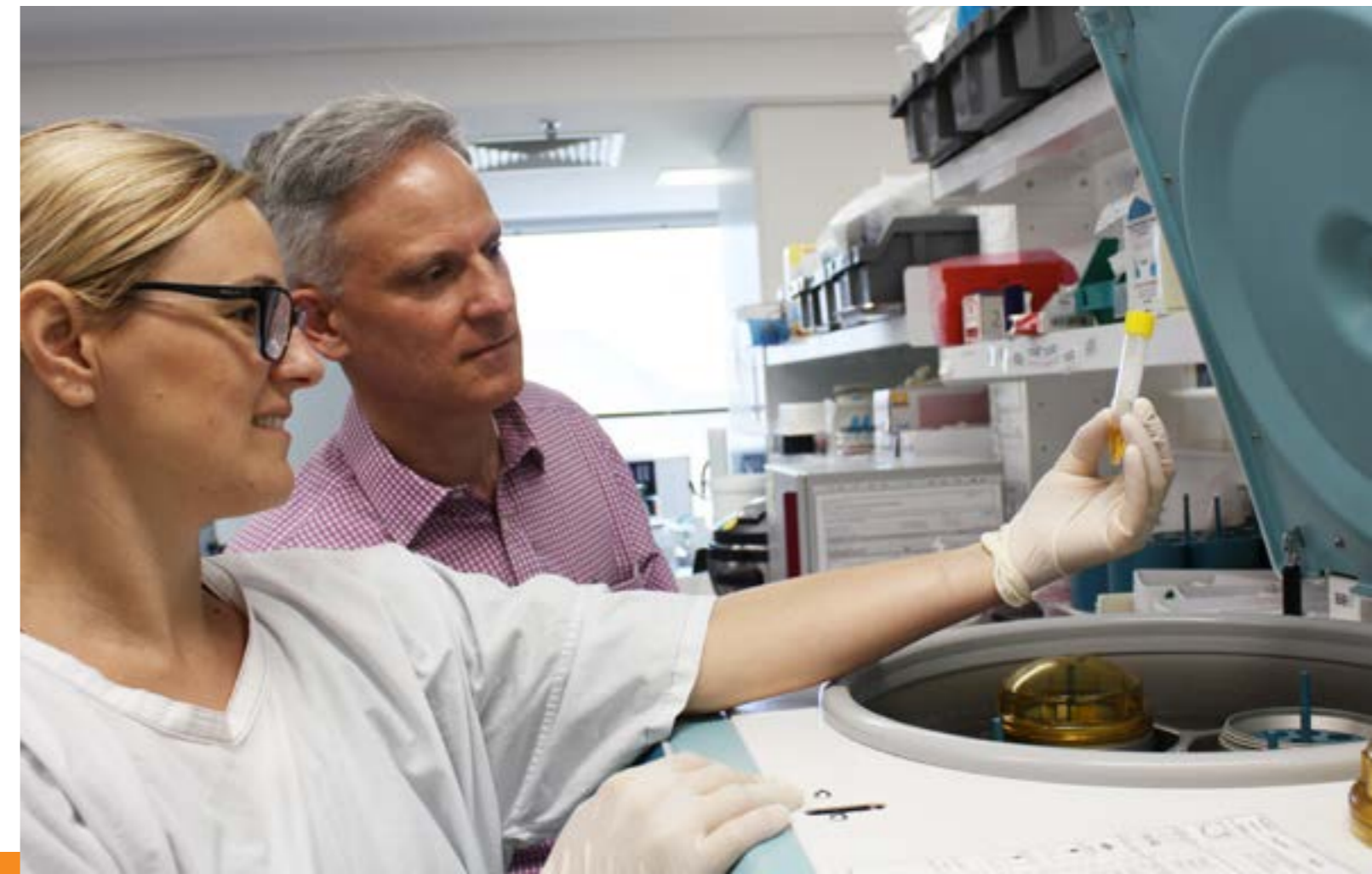
EXCISE: Excisional treatment in women with cervical adenocarcinoma-in-situ (AIS)

Principal Investigator: A/Prof Paul Cohen
Open for recruitment: since April 2017.

A prospective randomised controlled non-inferiority trial to compare AIS persistence/ recurrence after loop electrosurgical excision procedure to cold knife cone biopsy

The Case for Pre-operative Very Low Calorie Diets (VLCDs) in Obese Endometrial Cancer Patients

Principal Investigator: Dr Chloe Ayres
Open for recruitment: since October 2017.





OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

**Gynaecological Cancer
Research Group**

Inflammatory Bowel Disease
Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery
Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery
Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

PUBLICATIONS

*This is a select list of
publications.*

Risk of persistent or recurrent cervical neoplasia in patients with 'pure' adenocarcinoma-in-situ (AIS) or mixed AIS and high-grade cervical squamous neoplasia (cervical intra-epithelial neoplasia grades 2 and 3 (CIN 2/3)): A population-based study.

Codde E, Munro A, Stewart C, Spilsbury K, Bowen S, Codde J, Steel N, Leung Y, Tan J, Salfinger SG, Mohan GR, Cohen PA.

BJOG. 2018 Jan;125(1):74-79. doi: 10.1111/1471-0528.14808. Epub 2017 Aug 2. PMID: 28678394

Effective Physical Activity Promotion to Survivors of Cancer Is Likely to Be Home Based and to Require Oncologist Participation.

Hardcastle SJ, Cohen PA.

J Clin Oncol. 2017 Nov 10;35(32):3635-3637. doi: 10.1200/JCO.2017.74.6032. Epub 2017 Sep 15. PMID: 28915086

Dose escalation/expansion study to investigate the safety, pharmacokinetics, food effect, and antitumor activity of BGB-290 in patients with advanced solid tumors.

Lickliter J, Mileshkin L, Voskobuonic M, Millward M, Freimund A, Meniawy T, Tang T et al. Annals of Oncology, Volume 28, Issue suppl 5, 1 September 2017, mdx367.003 doi:10.1093/annonc/mdx367.003

Preliminary results from a subset of patients (pts) with advanced ovarian cancer (OC) in a dose-escalation/expansion study of BGB-A317, an anti-PD-1 monoclonal antibody (mAb).

Meniawy TM, Richardson G, Townsend A, et al. 2017

Annals of Oncology, Volume 28, Issue suppl 5, 1 September 2017, mdx367.023, doi:10.1093/annonc/mdx367.023

Homologous Recombination DNA Repair Pathway Disruption and Retinoblastoma Protein Loss Are Associated with Exceptional Survival in High-Grade Serous Ovarian Cancer.

Garsed DW, Alsop K, Fereday S, et al.

Clinical Cancer Res. 2018 Feb 1;24(3):569-580. doi: 10.1158/1078-0432.CCR-17-1621. Epub 2017 Oct 23. PMID: 29061645

Factors influencing non-participation in an exercise program and attitudes towards physical activity amongst cancer survivors.

Hardcastle, S.J., Maxwell-Smith, C., Kamarova, S. et al.

Support Care Cancer (2018) 26: 1289. doi:10.1007/s00520-017-3952-9

Questioning the value of margin status in treated cervical precancer.

Cohen PA. 2017.

The Lancet Oncology November 2017, doi: 10.1016/S1470-2045(17)30839-218(12).

PUBLICATIONS

Investigating barriers to genetic counselling and germline mutation testing in women with suspected Hereditary Breast and Ovarian Cancer Syndrome and Lynch syndrome.

Shaw J, Bulsara C, Cohen PA et al.

Patient Education and Counseling. Volume 101, Issue 5, May 2018, Pages 938-944 doi:10.1016/j.pec.2017.12.011

Activity Behaviors and Physiological Characteristics of Women With Advanced-Stage Ovarian Cancer: A Preliminary Cross-sectional Investigation.

Schofield C, Newton RU, Cohen PA, Galvão DA, McVeigh JA, Hart NH, Mohan GR, Tan J, Salfinger SG, Straker LM, Peddle-McIntyre CJ.

Int J Gynecol Cancer. 2018 Mar;28(3):604-613. doi: 10.1097/IGC.0000000000001197. PMID 29369120

Health-related quality of life and pelvic floor dysfunction in advanced-stage ovarian cancer survivors: associations with objective activity behaviors and physiological characteristics.

Schofield C, Newton RU, Cohen PA, Galvão DA, McVeigh JA, Mohan GR, Tan J, Salfinger SG, Straker LM, Peddle-McIntyre CJ.

Support Care Cancer. 2018 Jul;26(7):2239-2246. doi: 10.1007/s00520-018-4069-5. Epub 2018 Feb 1. PMID: 29392481

KEY STAFF

Director Gynaecological Cancer Research Group, supported by the Jako Group

Associate Professor Paul Cohen

Gynaecological Oncologists

Dr Stuart Salfinger

Dr Ganendra Raj Kader Ali Mohan

Pathologists

Dr Adeline Tan

Professor Colin Stewart

Medical Oncologists

Dr Andrew Dean

Dr Martin Buck

Dr Tarek Meniawy

Project Manager

Sanela Bilic

Post-doctoral Research Fellow

Dr Aime Powell PhD

Research Officers

Stephanie Jeffares

Maria Beilin

Graduate Research Assistant

Dr Bonnie Zhang

Clinical Trials Pharmacist

Naomi Van Hagen

CONTACT

Research unit contact details

Tel: (08) 6258 3523

Email: paul.cohen@uwa.edu.au

Click links above to navigate to topics.

PREVIOUS

NEXT



OVERVIEW

- [CEO Welcome](#)
- [Our Hospital](#)
- [Our Research](#)
- [St John of God Foundation](#)
- [Our Supporters](#)
- [Our Team](#)
- [Our Ethics](#)

RESEARCH AREAS

- [Allied Health Research Program](#)
- [Anaesthesia and Pain Research Unit](#)
- [Breast Cancer Research Unit](#)
- [Cardiology Research Group](#)
- [Colorectal Cancer Research Group](#)
- [Collaborators' Report](#)
- [Gynaecological Cancer Research Group](#)
- [Inflammatory Bowel Disease Research Unit](#)
- [Intensive Care Unit Research Group](#)
- [Neonatal Research Group](#)
- [Neurosurgery Research Group](#)
- [Nursing and Midwifery Research Program](#)
- [Oncology Clinical Trials Unit](#)
- [Oncology Services](#)
- [Orthopaedic Surgery Research Group](#)
- [WA Thoracic Research Group](#)

PUBLICATIONS

- [2017/18 Publications](#)

Click links above to navigate to topics.

PREVIOUS

NEXT

Inflammatory Bowel Disease Research Unit

Australia has one of the highest prevalence in the world of Inflammatory Bowel Disease (IBD), which is recognised as an emerging global disease.

Our research unit aims to improve patient care for those suffering from Crohn's disease and ulcerative colitis – the two major types of Inflammatory Bowel Disease. It spans basic science research, clinical research and international clinical trials which investigate novel therapies for the treatment of Inflammatory Bowel Disease.

More than 80,000

Australians live with Crohn's disease and ulcerative colitis, with numbers expected to increase to more than 100,000 by 2022. This is reflective of the increase in IBD patients requiring complex drug applications and treatments through Medicare Australia.

Over 300 patients with IBD are now managed by our hospital's qualified IBD Nurse/Co-ordinator at St John of God Subiaco Hospital.

FOCUS AREAS

- Our use of biologics has increased rapidly over the past 12 months ensuring our IBD patients receive better treatment outcomes.
- Basic science research into chronic inflammation-induced intestinal changes that occur in Inflammatory Bowel Disease and the subsequent complications of fibrosis and carcinogenesis. (Investigation has been undertaken in both human and animal models).
- Conducting clinical research studies and clinical trials into new medications, including rectal tacrolimus for use in resistant proctitis and perianal Crohn's disease.
- Our unit's work is supported by three Inflammatory Bowel Disease (IBD) nurses, an IBD research and clinical fellow, clinical trial research staff, specialist gastroenterologists, colorectal surgeons, pharmacists, dietician, physiotherapist, clinical psychologist, histopathologists and radiologists.



2017/18 HIGHLIGHTS

- Two new Inflammatory Bowel Disease clinical trials opened for patient recruitment.
- In collaboration with authors from the ANZ IBD Consortium, Prof Ian Lawrance published in the July 2017 edition of Nature.
- Dr Siva Pulusu attended training for intestinal ultrasound qualifications in Leuenberg, Germany and Calgary, Canada and is now the first qualified gastroenterologist to perform this investigation in Western Australia.
- The compounding aseptic pharmacy at St John of God Subiaco Hospital, with the guidance of Prof Ian Lawrance, has been instrumental in allowing external gastroenterologists to utilise the service for treatment of their patients with rectal tacrolimus.

KEY STAFF

Head of the Centre for Inflammatory Bowel Diseases
 Prof Ian Lawrance
Gastroenterologist
 Dr Siva Pulusu

IBD Co-ordinator
 Jill Philpott
IBD Clinical Nurse
 Steph Chislett
IBD Clinical Nurse
 Daniel Lightowler

CONTACT

Research unit contact details

Tel: (08) 9382 6205
 Email: IBD@sjog.org.au



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

CLINICAL TRIALS

A Phase 2a, randomized, double-blind, placebo controlled study to evaluate the efficacy, safety, tolerability and pharmacokinetics of PF-06687234 as add on therapy to infliximab in active ulcerative colitis subjects who are not in remission (BUILD UC)

A Phase 3 Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Vedolizumab Subcutaneous as Maintenance Therapy in Subjects With Moderately to Severely Active Crohn's Disease Who Achieved Clinical Response Following Open-Label Vedolizumab Intravenous Therapy

A Phase 3b Open-Label Study to Determine the Long-term Safety and Efficacy of Vedolizumab Subcutaneous in Subjects with Ulcerative Colitis and Crohn's Disease
Vedolizumab SC Long-Term Open-Label Extension Study

A Phase 2A, Double-Blind, Randomized, Placebo-Controlled, Parallel Group Study To Evaluate the Efficacy and Safety of Oral PF-06651600 and PF-06700841 as Induction and Open Label Extension Treatment in Subjects with Moderate to Severe Crohn's Disease

Induction Study #2 - A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study of Oral Ozanimod as Induction Therapy for Moderately to Severely Active Crohn's Disease

A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study of Oral Ozanimod as Maintenance Therapy for Moderately to Severely Active Crohn's Disease

A Phase 3, Multicenter, Open-Label Extension Study of Oral Ozanimod for Moderately to Severely Active Crohn's Disease

PUBLICATIONS

This is a select list of publications.

Non-synonymous polymorphism in guanine monophosphate synthetase is a risk factor for unfavourable thiopurine metabolite ratios in patients with IBD.

Roberts RL, Wallace MC, Seinen ML, van Bodegraven AA, Krishnaprasad K, Jones GT, van Rij AM, Baird A, Lawrance IC, Prosser R, Bampton P, Grafton R, Simms LA, Studd C, Bell SJ, Kennedy MA, Halliwell J, Geary RB, Radford-Smith G, Andrews JM, McHugh PC, Barclay ML. *Inflamm Bowel Dis.* 2018 Nov 29;24(12):2606-2612. doi: 10.1093/ibd/izy163. PMID: 29788244

Anti-TNF therapeutic drug monitoring in post-operative Crohn's disease.

Wright EK, Kamm MA, De Cruz P, Hamilton AL, Selvaraj F, Princen F, Gorelik A, Liew D, Prideaux L, Lawrance IC, Andrews JM, Bampton PA, Jakobovits SL, Florin TH, Gibson PR, Debinski H, Macrae FA, Samuel D, Kronborg I, Radford-Smith G, Geary RB, Selby W, Bell SJ, Brown SJ, Connell WR.

J Crohns Colitis. 2018 May 25;12(6):653-661. doi: 10.1093/ecco-jcc/jjy003. PMID: 29385469

PUBLICATIONS

Emu Oil Improves Clinical Indicators of Disease in a Mouse Model of Colitis-Associated Colorectal Cancer.

Chartier LC, Howarth GS, Lawrance IC, Trinder D, Barker SJ, Mashtoub S.

Dig Dis Sci. 2018 Jan;63(1):135-145. doi: 10.1007/s10620-017-4876-4. Epub 2017 Dec 6. PMID: 29214422

Fine-mapping inflammatory bowel disease loci to single variant resolution.

Huang H, Fang M, Jostins L, Umičević Mirkov M, Boucher G, Anderson CA, Andersen V, Cleyen I, Cortes A, Crins F, D'Amato M, Deffontaine V, Dmitrieva J, Docampo E, Elansary M, Farh KK, Franke A, Gori AS, Goyette P, Halfvarson J, Haritunians T, Knight J, Lawrance IC, et al. *Nature.* 2017 Jul 13;547(7662):173-178. doi: 10.1038/nature22969. Epub 2017 Jun 28. PMID: 28658209

Performance of risk prediction for inflammatory bowel disease based on genotyping platform and genomic risk score method.

Chen GB, Lee SH, Montgomery GW, Wray NR, Visscher PM, Geary RB, Lawrance IC, Andrews JM, Bampton P, Mahy G, Bell S, Walsh A, Connor S, Sparrow M, Bowdler LM, Simms LA, Krishnaprasad K; International IBD Genetics Consortium, Radford-Smith GL, Moser G.

BMC Med Genet. 2017 Aug 29;18(1):94. doi: 10.1186/s12881-017-0451-2. PMID: 28851283

A multi-centre double blind randomised placebo-controlled study of the use of rectal tacrolimus in the treatment of resistant ulcerative proctitis.

IC Lawrance, A Baird, D Lightowler, G Radford-Smith, JM Andrews, S Connor.

Journal of Crohn's and Colitis, Volume 11, Issue suppl_1, 1 February 2017, Pages S4–S5, doi.org/10.1093/ecco-jcc/jjx002.006

Dysplasia and Colorectal Cancer Surveillance in inflammatory bowel disease.

Pulusu SSR, Lawrance IC.

Expert Rev Gastroenterol Hepatol. 2017 Aug;11(8):711-722. doi: 10.1080/17474124.2017.1327347. Epub 2017 May 16. Review. PMID: 28475382

Infliximab vs. adalimumab in Crohn's disease: results from 327 patients in an Australian and New Zealand observational cohort study.

Doecke JD, Hartnell F, Bampton P, Bell S, Mahy G, Grover Z, Lewindon P, Jones LV, Sewell K, Krishnaprasad K, Prosser R, Marr D, Fischer J, R Thomas G, Tehan JV, Ding NS, Cooke SE, Moss K, Sechi A, De Cruz P, Grafton R, Connor SJ, Lawrance IC, Geary RB, Andrews JM, Radford-Smith GL; Australian and New Zealand Inflammatory Bowel Disease Consortium.

Aliment Pharmacol Ther. 2017 Feb;45(4):542-552. doi: 10.1111/apt.13880. Epub 2016 Dec 19. PMID: 27995633

Serological Antibodies in Relation to outcome in post-operative Crohn's disease.

Hamilton AL, Kamm MA, De Cruz P, Wright EK, Selvaraj F, Princen F, Gorelik A, Liew D, Lawrance IC, Andrews JM, Bampton PA, Sparrow MP, Florin TH, Gibson PR, Debinski H, Geary RB, Macrae FA, Leong RW, Kronborg I, Radford-Smith G, Selby W, Bell SJ, Brown SJ, Connell WR.

J Gastroenterol Hepatol. 2017 Jun;32(6):1195-1203. doi: 10.1111/jgh.13677. PMID: 27976801

Click links above to navigate to topics.

PREVIOUS

NEXT



OVERVIEW

- [CEO Welcome](#)
- [Our Hospital](#)
- [Our Research](#)
- [St John of God Foundation](#)
- [Our Supporters](#)
- [Our Team](#)
- [Our Ethics](#)

RESEARCH AREAS

- [Allied Health Research Program](#)
- [Anaesthesia and Pain Research Unit](#)
- [Breast Cancer Research Unit](#)
- [Cardiology Research Group](#)
- [Colorectal Cancer Research Group](#)
- [Collaborators' Report](#)
- [Gynaecological Cancer Research Group](#)
- [Inflammatory Bowel Disease Research Unit](#)
- [Intensive Care Unit Research Group](#)
- [Neonatal Research Group](#)
- [Neurosurgery Research Group](#)
- [Nursing and Midwifery Research Program](#)
- [Oncology Clinical Trials Unit](#)
- [Oncology Services](#)
- [Orthopaedic Surgery Research Group](#)
- [WA Thoracic Research Group](#)

PUBLICATIONS

- [2017/18 Publications](#)

Click links above to navigate to topics.

PREVIOUS

NEXT

Intensive Care Unit Research Group

Our research aims to improve the treatments and support provided to intensive care patients, where small differences in their care can make a large difference to their outcome.

We contribute to national and international clinical trials, as well as conducting our own research studies to address the needs of patients admitted to St John of God Subiaco Hospital.

Around 1600 patients admitted to the intensive care unit at St John of God Subiaco Hospital in 2017/18, making it one of the busiest private intensive care units in Australia.

FOCUS AREAS

- Contributing to national and international clinical trials on intensive care medicine.
- Investigating the processes and outcomes associated with bariatric surgery, using clinical quality registry data.
- Delivering the highest quality care to patients undergoing cardiothoracic surgery.
- Elevating supportive care for the next of kin of patients admitted to the hospital's intensive care unit.
- Researching the importance of sleep to a patient's recovery from critical illness.



2017/18 HIGHLIGHTS

- Recruitment advancing well for the ROCIT trial to investigate the administration of probiotic therapy in critically ill adults.
- Nearly 500 responses received for our multicentre intensive care unit survey investigating the sources of health information used by patients' next of kin.

KEY STAFF

Research Fellow and Consultant Intensivist

Dr Ed Litton

Consultant Intensivists

A/Professor Kwok Ho

Dr David Morgan

Professor Steve Webb

Research Officers

Janet Ferrier

Marlene Kolybaba

Julie Ewa

CONTACT

Research unit contact details

Email: ed_litton@hotmail.com



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

PROJECTS

SIQ - A multicenter survey of the sources of health information used by surrogate decision makers of patients admitted to the Intensive Care Unit

The project is being conducted at thirteen hospitals around Australia, in the intensive care units. The findings of this study will facilitate a greater understanding of the resources used by patients surrogate decision makers when generating their knowledge of health. This in turn will allow health care providers to tailor information to patients and next of kin via a medium through which they are most receptive.

WEAN SAFE: Worldwide assessment of separation of patients from ventilator assistance

WEAN SAFE aims to describe, in a large population of intensive care unit patients, the current procedures for weaning, the applicability of existing classification systems to 'real world' weaning from invasive mechanical ventilation to describe centres/management/patient characteristics associated to duration of weaning.

ROMICU: Hospital length-of-stay and mortality in patients with metastatic and haematological malignancies requiring intensive care admission following elective surgery.

A retrospective audit.

CLINICAL TRIALS

The ROCIT Trial: Restoration of gut microflora in Critical Illness

This study will determine whether critically ill patients admitted to an intensive care unit or high dependency unit, early and sustained administration of probiotic therapy is associated with decreased infection and improved outcomes.

PROMEDIC: Prophylactic Melatonin for the Prevention of Delirium in Intensive Care

Delirium is associated with significant morbidity and mortality. Melatonin may improve sleep and reduce the incidence and severity of delirium. The information gathered from this study will help researchers determine if melatonin is safe and effective at decreasing the incidence of delirium and improve outcomes for intensive care unit patients hence improving the quality of patient care.

PLUS: Plasma-Lyte 148® versUs Saline Study

This study will allow doctors to make informed decisions about which type of fluid is optimal for ICU patients, which in turn will contribute to improved outcomes for intensive care unit patients.

SPICE III: Sedation Practice in Intensive Care Evaluation.

Early deep sedation is poorly accounted for in clinical trials and is linked to poor outcomes, including mortality. SPICE is designed to investigate whether dexmedetomidine facilitates rousable sedation, shortens time on "life-support", attenuates delirium and improves outcomes compared with usual care.

PUBLICATIONS

Cardiac Surgery and the Low Hanging Fruit of Perioperative Nutritional Interventions.

Litton, E., Ridley, E. J., & Delaney, A.

2018 Journal of Cardiothoracic and Vascular Anesthesia, 32(3), 1254-1255.

DOI: 10.1053/j.jvca.2017.12.045

Preventing Delirium in the Intensive Care Unit.

Delaney A, Hammond N, Litton E.

JAMA 2018 Feb 20;319(7):659-660. DOI: 10.1001/jama.2018.0159. PubMed PMID: 29466573.

Intravenous Iron Therapy in Patients Undergoing Cardiovascular Surgery: A Narrative Review.

Lim J, Miles L, Litton E. J.

Journal of Cardiothoracic and Vascular Anesthesia 2018;32:1439-51. DOI: 10.1053/j.jvca.2017.11.005

Out-of-office hours' elective surgical intensive care admissions and their associated complications.

Morgan DJR, Ho KM, Ong YJ, Kolybaba ML.

ANZ J Surg. 2017 Nov;87(11):886-892. DOI: 10.1111/ans.14027. Epub 2017 Jun 12. PMID: 28608513

Quality sleep using earplugs in the intensive care unit: the QUIET pilot randomised controlled trial.

Litton E, Elliott R, Ferrier J, Webb SAR.

Crit Care Resusc.2017 Jun;19(2) :128-133. PubMed PMID: 28651508.

Primary prevention in the intensive care unit: a prospective single-centre study of the risk factors for invasive pneumococcal disease.

Chapman AR, Litton EL.

Anaesth Intensive Care. 2017 Jul;45(4):448-452. PMID: 28673213

Using Clinically Accessible Tools to Measure Sound Levels and Sleep Disruption in the ICU: A Prospective Multicenter Observational Study.

Litton E, Elliott R, Thompson K, Watts N, Seppelt I, Webb SAR.

ANZICS Clinical Trials Group and The George Institute for Global Health. Crit Care Med. 2017 Jun;45(6):966-971. DOI: 10.1097/CCM.0000000000002405. PubMed PMID: 28362644.

Predicting Intensive Care Unit Length of Stay After Cardiac Surgery.

Litton E, McCann M, van Haren F. J

Cardiothorac Vasc Anesth. 2018 Apr 6. pii: S1053-0770 (18) 30237-4. DOI: 10.1053/j.jvca.2018.04.010. [Epub ahead of print] PubMed PMID: 29752055.

Prevention is better than cure, but both require high quality evidence

Webb, SAR, Litton, E

Lancet 2017; 389: 572

Click links above to navigate to topics.

PREVIOUS

NEXT



OVERVIEW

CEO Welcome
Our Hospital
Our Research
St John of God Foundation
Our Supporters
Our Team
Our Ethics

RESEARCH AREAS

Allied Health Research Program
Anaesthesia and Pain Research Unit
Breast Cancer Research Unit
Cardiology Research Group
Colorectal Cancer Research Group
Collaborators' Report
Gynaecological Cancer Research Group
Inflammatory Bowel Disease Research Unit
Intensive Care Unit Research Group
Neonatal Research Group
Neurosurgery Research Group
Nursing and Midwifery Research Program
Oncology Clinical Trials Unit
Oncology Services
Orthopaedic Surgery Research Group
WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

Click links above to navigate to topics.

PREVIOUS

NEXT

Neonatal Research Group

Our unit is the largest private neonatal unit in the state and provides intensive care to newborn babies born from 30 weeks gestation.

We are currently participating in several collaborative studies with the Telethon Institute for Child Health Research, mainly in the areas of infection, immunisation and vaccine responses.

Some newborn babies need extra care, particularly in the first month after their birth. They may have been born prematurely or are unwell and need specialised medical support within a dedicated care unit or neonatal nursery.

Our neonatal unit is **one of only three level 5 units** in the state. We care for babies born from 30 weeks gestation, with provision of intensive care including non-invasive and mechanical ventilation.

FOCUS AREAS

- Participating in clinical trials relating to neonatal special care.
- We participate in several collaborative studies with the Telethon Institute for Child Health Research, mainly in the areas of infection, immunisation and vaccine responses.
- Systematic reviews of common neonatal management and clinical issues.

KEY STAFF Director of Neonatal Paediatrics
Dr Joanne Colvin

Consultant Neonatologist
Dr Mangesh Deshmukh

CONTACT **Research unit contact details**

Tel: (08) 9382 6111

Email: joanne.colvin@sjog.org.au



PROJECTS

- (OPTIMUM): Optimising Immunisation Using Mixed Schedules
The rise in allergic diseases, particularly food allergy, over recent decades in Australia has coincided with a change from the routine use of whole cell pertussis (whooping cough) vaccine to acellular pertussis vaccine in infants. The aim of this study is to determine if altering the initial DTP (diphtheria-tetanus-pertussis) vaccine in the infant vaccination schedule to whole cell pertussis may allow a more balanced immune response, and protection from subsequent allergic disease.
- (PRIME) Protective Vaccine Responses in Infants after Maternal Pertussis Vaccination

In Australia, whooping cough (pertussis) vaccination is currently recommended during every pregnancy, as it is a safe and

effective way of protecting young babies from severe disease. This study will evaluate if whooping cough vaccination during pregnancy affects the baby's immune (antibody) response to future infant and toddler vaccinations and will assess how long mum's immunity lasts after whooping cough vaccination in pregnancy.

- RSV MEDI8897
The aim of this study is to assess the effectiveness of a single dose of an injectable antibody (MEDI8897), given to healthy preterm infants born between 29 and 34 weeks gestation, in reducing their later presentation and hospitalisation with respiratory infections due to respiratory syncytial virus.



OVERVIEW

[CEO Welcome](#)

[Our Hospital](#)

[Our Research](#)

[St John of God Foundation](#)

[Our Supporters](#)

[Our Team](#)

[Our Ethics](#)

RESEARCH AREAS

[Allied Health Research Program](#)

[Anaesthesia and Pain Research Unit](#)

[Breast Cancer Research Unit](#)

[Cardiology Research Group](#)

[Colorectal Cancer Research Group](#)

[Collaborators' Report](#)

[Gynaecological Cancer Research Group](#)

[Inflammatory Bowel Disease Research Unit](#)

[Intensive Care Unit Research Group](#)

[Neonatal Research Group](#)

[Neurosurgery Research Group](#)

[Nursing and Midwifery Research Program](#)

[Oncology Clinical Trials Unit](#)

[Oncology Services](#)

[Orthopaedic Surgery Research Group](#)

[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

- PUBLICATIONS**
- Wastage of standardized parenteral nutrition solution - a challenge for neonatal units.**
Deshmukh M, Grzejszczyk J, Mehta S, Patole S.
J Matern Fetal Neonatal Med. 2018 Apr 1:1-4. doi: 10.1080/14767058.2018.1455088. [Epub ahead of print] PMID: 29606021
- Antenatal corticosteroids in impending preterm deliveries before 25 weeks' gestation.**
Deshmukh M, Patole S
Archives of Disease in Childhood - Fetal and Neonatal Edition (2017). doi: 10.1136/archdischild-2017-313840
- Antenatal corticosteroids for neonates born before 25 Weeks - A systematic review and meta-analysis.**
Deshmukh M, Patole S.
PLoS One. 2017 May 9;12(5):e0176090. doi: 10.1371/journal.pone.0176090. eCollection 2017 PMID: 28486556
- Probiotics for the management of neonatal hyperbilirubinemia: a systematic review of randomized controlled trials.**
Deshmukh J, Deshmukh M, Patole S.
J Matern Fetal Neonatal Med. 2019 Jan;32(1):154-163. doi: 10.1080/14767058.2017.1369520. Epub 2017 Aug 31. PMID: 28823200
- Strategies for managing transient tachypnoea of the newborn - a systematic review.**
Buchiboyina A, Jasani B, Deshmukh M, Patole S.
J Matern Fetal Neonatal Med. 2017 Jul;30(13):1524-1532. doi: 10.1080/14767058.2016.1193143. Epub 2016 Oct 20. PMID: 27762156
- Strategies for medical management of pediatric eosinophilic esophagitis - a systematic review.**
Chawla N, Deshmukh M, Sharma A, Patole S.
J Pediatr Gastroenterol Nutr. 2016 Dec;63(6):e152-e157.PMID: 27306106
- Meconium evacuation for facilitating feed tolerance in preterm neonates: a systematic review and meta-analysis.**
Deshmukh M, Balasubramanian H, Patole S.
Neonatology. 2016;110(1):55-65. doi: 10.1159/000444075. Epub 2016 Apr 7 PMID: 27050644



[Click links above to navigate to topics.](#)

[PREVIOUS](#)

[NEXT](#)



OVERVIEW

CEO Welcome
Our Hospital
Our Research
St John of God Foundation
Our Supporters
Our Team
Our Ethics

RESEARCH AREAS

Allied Health Research Program
Anaesthesia and Pain Research Unit
Breast Cancer Research Unit
Cardiology Research Group
Colorectal Cancer Research Group
Collaborators' Report
Gynaecological Cancer Research Group
Inflammatory Bowel Disease Research Unit
Intensive Care Unit Research Group
Neonatal Research Group
Neurosurgery Research Group
Nursing and Midwifery Research Program
Oncology Clinical Trials Unit
Oncology Services
Orthopaedic Surgery Research Group
WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

Neurosurgery Research Group

Our neurosurgery research focuses on improving care and treatment options for patients needing surgery on the nervous system, particularly the brain or spine.

We are also involved in developing medical technologies to improve the safety of surgery.

1619 patients were admitted for neurosurgery in 2017/18 at St John of God Subiaco Hospital.

Neurosurgeons provide surgery to people for a range of **central nervous system conditions** including trauma, tumours, vascular malformations/aneurysms, infection, epilepsy and movement disorders.

FOCUS AREAS

- Our neurosurgery research focuses on projects which will have clinical benefits for patients.
- We collaborate with researchers from Curtin University, The University of Western Australia and the Harry Perkins Institute of Medical Research.
- Plans are underway to establish a bioengineering laboratory to develop novel medical technologies which will enhance the safety of surgeries performed on the brain and spine.
- The unit is participating in the CSIRO's ON Prime program, providing an opportunity to accelerate the validation of the unit's research and defining of its real world application.



PROJECTS

Enhancement of surgical navigation in image guided neurosurgery

Research into image-guided surgery providing new revolutionary opportunities for complex anatomic situations. Image guided surgery improves surgical accuracy, safety and reduces operation time, ultimately resulting in better patient outcomes

PUBLICATIONS

Holographic Spinal Scan Projection through Microsoft HoloLens'

Voon PW, Wan Kg, Lee GYF, Cui L
IJCEE 2018 Vol.10(4): 274-283 ISSN: 1793-8163
doi:10.17706/IJCEE.2018.10.4.274-283

KEY STAFF

Principal Investigator
Professor Gabriel Lee

CONTACT

Research unit contact details

Tel: (08) 9389 8515
Email: glee.neurosurgery@bigpond.com



OVERVIEW

[CEO Welcome](#)
[Our Hospital](#)
[Our Research](#)
[St John of God Foundation](#)
[Our Supporters](#)
[Our Team](#)
[Our Ethics](#)

RESEARCH AREAS

[Allied Health Research Program](#)
[Anaesthesia and Pain Research Unit](#)
[Breast Cancer Research Unit](#)
[Cardiology Research Group](#)
[Colorectal Cancer Research Group](#)
[Collaborators' Report](#)
[Gynaecological Cancer Research Group](#)
[Inflammatory Bowel Disease Research Unit](#)
[Intensive Care Unit Research Group](#)
[Neonatal Research Group](#)
[Neurosurgery Research Group](#)
[Nursing and Midwifery Research Program](#)
[Oncology Clinical Trials Unit](#)
[Oncology Services](#)
[Orthopaedic Surgery Research Group](#)
[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

Nursing and Midwifery Research Program

Our nursing and midwifery research program uses an evidence-based approach to improving clinical care, service delivery and health outcomes.

We encourage nurses and midwives to investigate and trial new processes which could benefit patient care, with projects spanning maternity, oncology, preoperative care and general nursing care.

Nurses and midwives are uniquely placed to identify areas for research to improve patient care and experience, as the professions with the most frequent patient contact.

2017/18 HIGHLIGHTS

- Six publications exploring a range of subjects, including how clinical nurses and midwives engage in clinical research and patients experience specific medical procedures.
- Presentations at local and interstate conferences.

FOCUS AREAS

- Improving outcomes for patients, their families and caregivers, by supporting nursing and midwifery research projects across St John of God Subiaco Hospital.
- Supporting an active culture of nursing and midwifery research within the hospital.
- Enabling clinical nurses and midwives to initiate and conduct research projects across specialties such as maternity, oncology and preoperative care.
- Sharing our research findings, which we do by presenting at external conferences, by hosting our own annual Nursing and Midwifery Research Symposium, and through journal publications.



PROJECTS

The effectiveness of a preoperative consult with a Breast Care Nurse in women undergoing breast surgery in a private tertiary hospital

This research aimed to understand the difference in patient outcomes between those patients who experienced a preoperative face-to-face consultation with a Breast Care Nurse and those who did not. Specifically, the study sought to understand the possible benefits of an opportunity for preoperative counselling and education with the Breast Care Nurse.

Neonatal admission to a high dependency unit and its impact on maternal pain scores and analgesic requirements

This study aimed to determine if postnatal women whose babies were admitted to the neonatal intensive care unit, self-reported lower postpartum pain scores and required decreased administration of analgesia, compared to women whose babies remained with them.

Improving the clinical skills and knowledge of midwives and nurses caring for late preterm neonates in a postnatal ward setting

This study measured whether there was any enhancement in the clinical knowledge and clinical skills of nurses and midwives caring for late preterm neonates outside of the neonatal unit following the delivery of a targeted education intervention.

An intervention to improve patient understanding and use of preoperative chlorhexidine washes

This study aims to improve patient understanding and use of preoperative chlorhexidine washes.

Exploring resilience in Western Australian nurses working in a faith based organization: A mixed methods study

This study is exploring resilience in the context of nurses working in a faith based organisation.



OVERVIEW

- [CEO Welcome](#)
- [Our Hospital](#)
- [Our Research](#)
- [St John of God Foundation](#)
- [Our Supporters](#)
- [Our Team](#)
- [Our Ethics](#)

RESEARCH AREAS

- [Allied Health Research Program](#)
- [Anaesthesia and Pain Research Unit](#)
- [Breast Cancer Research Unit](#)
- [Cardiology Research Group](#)
- [Colorectal Cancer Research Group](#)
- [Collaborators' Report](#)
- [Gynaecological Cancer Research Group](#)
- [Inflammatory Bowel Disease Research Unit](#)
- [Intensive Care Unit Research Group](#)
- [Neonatal Research Group](#)
- [Neurosurgery Research Group](#)
- [Nursing and Midwifery Research Program](#)
- [Oncology Clinical Trials Unit](#)
- [Oncology Services](#)
- [Orthopaedic Surgery Research Group](#)
- [WA Thoracic Research Group](#)

PUBLICATIONS

2017/18 Publications

[Click links above to navigate to topics.](#)

[PREVIOUS](#)

[NEXT](#)



- PUBLICATIONS**
- Timing and mode of breast care nurse consultation from the patient's perspective.**
Brown J, Refeld G, Cooper A.
Oncol Nurs Forum. 2018 May 1;45(3):389-398. doi: 10.1188/18.ONF.389-398. PMID: 29683115
- Maximising nurses' and midwives' response rates to surveys.**
Cooper AL, Brown J.
Nurse Res. 2017 Dec 18;25(3):31-35. doi: 10.7748/nr.2017.e1494. PMID: 29251446
- Journal clubs: Engaging clinical nurses and midwives in research.**
Cooper AL, Brown JA.
J Contin Educ Nurs. 2018 Mar 1;49(3):141-144. doi: 10.3928/00220124-20180219-09. PMID: 29498402
- Exploring patient experience and understanding of Chlorhexidine Gluconate preoperative washes: A cross-sectional survey.**
Cooper, A. L., Brown, J. A., Salathiel, J., Gollner, S., Childs, F., Boucher, E., Morris, D., Riggall-Southworth, B., Balinski, L., Riches, K., Dennis, T., Timmings, F.
Infection, Disease & Health. 2017 Mar doi:10.1016/j.idh.2017.02.002
- Exploring the patient experience of living with a peripherally inserted central catheter (PICC): A pilot study.**
Cooper, A. L., Kelly, C. M., & Brown, J. A.
The Australian Journal of Cancer Nursing 18, 2017 June, 10 - 14.
- The prevalence of peripheral intravenous cannulae and pattern of use: A point prevalence in a private hospital setting .**
Wong K, Cooper A, Brown J, Boyd L, Levinson M.
J Clin Nurs. 2018 Jan;27(1-2):e363-e367. doi: 10.1111/jocn.13961. Epub 2017 Dec 6. PMID: 28699240

KEY STAFF Nurse Researcher
Alannah Cooper

CONTACT [Research unit contact details](#)

Tel: (08) 9382 6012
Email: alannah.cooper@sjog.org.au

“Our involvement in research is essential to improving patient care and the ongoing advancement of nursing and midwifery.”

Alannah Cooper, Nurse Researcher





OVERVIEW

CEO Welcome
Our Hospital
Our Research
St John of God Foundation
Our Supporters
Our Team
Our Ethics

RESEARCH AREAS

Allied Health Research Program
Anaesthesia and Pain Research Unit
Breast Cancer Research Unit
Cardiology Research Group
Colorectal Cancer Research Group
Collaborators' Report
Gynaecological Cancer Research Group
Inflammatory Bowel Disease Research Unit
Intensive Care Unit Research Group
Neonatal Research Group
Neurosurgery Research Group
Nursing and Midwifery Research Program
Oncology Clinical Trials Unit
Oncology Services
Orthopaedic Surgery Research Group
WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

Click links above to navigate to topics.

PREVIOUS

NEXT

Oncology Clinical Trials Unit

We are one of the largest oncology clinical trial units in Australia, committed to offering research-based health care to patients within their treatment options. Our current suite of clinical trials are available for patients with cancers including breast, lung, oesophageal, urothelial, colorectal, pancreatic and ovarian cancer.

30 oncology clinical trials were underway this year at St John of God Subiaco Hospital in various phases of recruitment, treatment and follow-up.

2017/18 HIGHLIGHTS

- Thirty active oncology clinical trials underway in various phases of recruitment and follow up.
- Highest recruiter of participants globally for a metastatic pancreatic cancer trial, incorporating all the elements of the current best treatment options for advanced front-line pancreatic cancer.
- Success in expediting the start-up phase of trials, enabling earlier site activation and maximising of the recruitment period.

Over 700 patients have consented to participating in an oncology clinical trial at our hospital, if eligible, since 2010. Over 80 of those patients were from 2017/18.

FOCUS AREAS

- Conducting oncology clinical trials to investigate new treatments, interventions or tests to improve the prevention, detection, treatment or management of cancer.
- Offering opportunities and support for patients undergoing cancer treatment that may not otherwise be available in a non-clinical trial setting.
- Working with medical oncologists who identify suitable patients who may choose to participate in a clinical trial, where the potential to receive a new treatment option is added to their existing standard of care practice.



KEY STAFF

Medical Oncologists

Dr Andrew Dean, Dr Martin Buck, Dr Tim Clay, Dr Tom van Hagen, Dr Tarek Meniawy and Dr Daphne Tsoi

Surgical Oncologists

Professor Christobel Saunders
Dr Paul Cohen

Medical Registrar

Dr Meabh McNulty

Research Operations Manager

Dino Cercarelli

Senior Clinical Trial and Data Management Officer

Skye Ridley

Clinical Trial and Data Management Officers

Laura Debry, Luke Hanrahan, Martha Jaworski, Kathryn Jajko, Lenka Leskova, Amanda Taylor, Grace Till and Taryn Quartermaine

Clinical Trial Nurse, Oncology

Shauna Gaffey

Research staff

Dr Niloufer Johansen, Research Officer (Breast)

Stephanie Jeffares, Research Officer (Gynaecology Cancer)

Andrew Mews, Research Data Scientist

Angela Garbin, Research Assistant

Project Manager, Clinical Trial Development

Dr Jo Youd

Clinical Trial Liaison Officer

Dr Angela Baird

Medical Secretary

Bek Groom

Clinical Trials Pharmacists

Naomi van Hagen

Ashleigh De Marie

CONTACT

Research unit contact details

Tel: (08) 6465 9204

Email: clinicaltrials.subiaco@sjog.org.au



OVERVIEW

[CEO Welcome](#)

[Our Hospital](#)

[Our Research](#)

[St John of God Foundation](#)

[Our Supporters](#)

[Our Team](#)

[Our Ethics](#)

RESEARCH AREAS

[Allied Health Research Program](#)

[Anaesthesia and Pain Research Unit](#)

[Breast Cancer Research Unit](#)

[Cardiology Research Group](#)

[Colorectal Cancer Research Group](#)

[Collaborators' Report](#)

[Gynaecological Cancer Research Group](#)

[Inflammatory Bowel Disease Research Unit](#)

[Intensive Care Unit Research Group](#)

[Neonatal Research Group](#)

[Neurosurgery Research Group](#)

[Nursing and Midwifery Research Program](#)

[Oncology Clinical Trials Unit](#)

[Oncology Services](#)

[Orthopaedic Surgery Research Group](#)

[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

CLINICAL TRIALS

Identification of markers for diagnosis and prognosis of cancer	Principal Investigator: Dr Tom van Hagen <i>Open for recruitment: since February 2015</i>
Aspirin for Dukes C and High Risk Dukes B Colorectal Cancers: An International; Multi-centre, Double Blind, Randomised Placebo Controlled Phase III Trial	Principal Investigator: Dr Tom van Hagen <i>Open for recruitment: since August 2014</i>
A Phase 3 Open-Label, Randomized, Multicenter Study of NKTR-102 versus Treatment of Physician's Choice (TPC) in Patients with Metastatic Breast Cancer Who Have Stable Brain Metastases and Have Been Previously Treated with an Anthracycline, a Taxane, and Capecitabine	Principal Investigator: Dr Daphne Tsoi <i>Open for recruitment: since September 2017</i>
Phase 1b Multi-indication Study of Anetumab Ravtansine (BAY 94-9343) in Patients with Mesothelin Expressing Advanced or Recurrent Malignancies	Principal Investigator: Dr Tim Clay <i>Open for recruitment: since November 2017</i>
Phase 1b Multi-indication Study of Anetumab Ravtansine (BAY 94-9343) in Patients with Mesothelin Expressing Advanced or Recurrent Malignancies	Principal Investigator: Dr Andrew Dean <i>Open for recruitment: since November 2017</i>
A Randomized trial of durvalumab and tremelimumab ± platinum-based chemotherapy in patients with high-risk, metastatic (stage IV) squamous or non-squamous non-small cell lung cancer (NSCLC)	Principal Investigator: Dr Tim Clay <i>Open for recruitment: since April 2018</i>
Pattern of use and safety/effectiveness of Nivolumab in routine oncology practice (Nivo Pass)	Principal Investigator: Dr Tim Clay <i>Open for recruitment: since October 2017</i>
Randomized blinded Phase 3 Assessment of Second-or Third Line Chemotherapy with Docetaxel + Plinabulin Compared to Docetaxel alone + placebo in Patients with Advanced Non-Small Cell Lung Cancer with at Least 1 Large Lung Lesion	Principal Investigator: Dr Tim Clay <i>Open for recruitment: since November 2017</i>
Phase III randomized study for the treatment of recurrent or metastatic platinum-refractory cervical carcinoma with a new Anti-PD-1 therapy	Principal Investigator: Dr Andrew Dean <i>Open for recruitment since February 2018</i>
A Phase II, open-label, multicenter trial to investigate the clinical activity and safety of avelumab (MSB0010718C) in subjects with Merkel Cell Carcinoma	Principal Investigator: Dr Tom van Hagen <i>Open for recruitment since September 2017</i>
A Randomised Phase III Double-Blind Placebo-Controlled Study of Regorafenib in Refractory Advanced Oesophago-Gastric Cancer	Principal Investigator: Dr Tom van Hagen <i>Open for recruitment since January 2017</i>

A Randomised Placebo Controlled Phase 2b/3 study of ABT-414 with Concurrent Chemoradiation and Adjuvant Temozolomide in Subjects with Newly Diagnosed Glioblastoma with EGFR Amplification	Principal Investigator: Dr Daphne Tsoi <i>Open for recruitment since August 2016</i>
A Phase III, Randomized, Double-blind Study to Evaluate Pembrolizumab plus Chemotherapy vs Placebo plus Chemotherapy as Neoadjuvant Therapy and Pembrolizumab vs Placebo as Adjuvant Therapy for Triple Negative Breast Cancer (TNBC)	Principal Investigator: Dr Daphne Tsoi <i>Open for recruitment since July 2017</i>
A Randomized, Open-Label, Phase 3 Study of Abemaciclib combined with Standard Adjuvant Endocrine Therapy versus Standard Endocrine Therapy Alone in Patients with High Risk Early Stage Hormone Receptor Positive, Human Epidermal Receptor 2 Negative Breast Cancer	Principal Investigator: Dr Daphne Tsoi <i>Open for recruitment since August 2017</i>
A Randomised Phase II Study of nab-paclitaxel in Combination with Carboplatin as First Line Treatment of Gastrointestinal Neuroendocrine Carcinomas	Principal Investigator: Dr Tom van Hagen <i>Opened for recruitment since February 2017</i>
A Randomized, Open-label Phase 2 Study of Nanoliposomal Irinotecan (nal-IRI)-containing Regimens versus nab-Paclitaxel plus Gemcitabine in Patients with Previously Untreated, Metastatic Pancreatic Adenocarcinoma	Principal Investigator: Dr Andrew Dean <i>Opened for recruitment since September 2015</i>
A Multicenter Phase 2, open-label trial of intratumoral PIL-12 plus electroporation in combination with intravenous pembrolizumab in patients with stage III/IV melanoma who are progressing on either pembrolizumab or nivolumab treatment	Principal Investigator: Dr Tom van Hagen <i>Opened for recruitment since October 2017</i>
A Multicenter, Open-label Phase 2 Study of Rucaparib in Patients with Metastatic Castration-resistant Prostate Cancer Associated with Homologous Recombination Deficiency	Principal Investigator: Dr Tim Clay <i>Opened for recruitment since November 2017</i>
A Multicenter, Randomized, Phase 3 Study of Rucaparib versus Physician's Choice as 2nd Line Treatment Following Androgen Receptor Directed Therapy for Patients with Metastatic Castration-Resistant Prostate Cancer Associated with a Deleterious BRCA or ATM Mutation	Principal Investigator: Dr Tim Clay <i>Opened for recruitment since December 2017</i>

[Click links above to navigate to topics.](#)

[PREVIOUS](#)

[NEXT](#)



OVERVIEW

[CEO Welcome](#)

[Our Hospital](#)

[Our Research](#)

[St John of God Foundation](#)

[Our Supporters](#)

[Our Team](#)

[Our Ethics](#)

RESEARCH AREAS

[Allied Health Research Program](#)

[Anaesthesia and Pain Research Unit](#)

[Breast Cancer Research Unit](#)

[Cardiology Research Group](#)

[Colorectal Cancer Research Group](#)

[Collaborators' Report](#)

[Gynaecological Cancer Research Group](#)

[Inflammatory Bowel Disease Research Unit](#)

[Intensive Care Unit Research Group](#)

[Neonatal Research Group](#)

[Neurosurgery Research Group](#)

[Nursing and Midwifery Research Program](#)

[Oncology Clinical Trials Unit](#)

[Oncology Services](#)

[Orthopaedic Surgery Research Group](#)

[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

[Click links above to navigate to topics.](#)

[PREVIOUS](#)

[NEXT](#)

A randomised, multi-centre, open-label, phase III study of adjuvant lapatinib, trastuzumab, their sequence and their combination in patients with HER2/ErbB2 positive primary breast cancer.	Principal Investigator: Dr Daphne Tsoi <i>Closed to recruitment</i>	A Phase 2 Open-label, single-arm, multicentre study to evaluate efficacy and safety of Pembrolizumab monotherapy in subjects with advance recurrent ovarian cancer	Principal Investigator: Dr Andrew Dean <i>Closed to recruitment</i>
A Phase 3, Multicenter, Open-label, Randomized study of nab®-Paclitaxel Plus Gemcitabine versus Gemcitabine alone as adjuvant therapy in subjects with surgically resected pancreatic adenocarcinoma.	Principal Investigator: Dr Andrew Dean <i>Closed to recruitment</i>	A Phase III Study of Pembrolizumab (MK-3475) vs. Chemotherapy in Microsatellite Instability-High Colorectal Adenocarcinoma	Principal Investigator: Dr Andrew Dean <i>Closed to recruitment</i>
A Multicenter, Randomized, Double-Blind, Placebo-Controlled Phase 3 Study of Rucaparib as Switch Maintenance Following Platinum-Based Chemotherapy in Patients with Platinum-Sensitive, High-Grade Serous or Endometrioid Epithelial Ovarian, Primary Peritoneal or Fallopian Tube Cancer	Principal Investigator: Dr Andrew Dean <i>Closed to recruitment</i>	An international phase III randomised trial of dose-fractionated chemotherapy compared to standard three-weekly chemotherapy, following immediate primary surgery or as part of delayed primary surgery, for women with newly diagnosed epithelial ovarian, fallopian tube or primary peritoneal cancer	Principal Investigator: Dr Andrew Dean <i>Closed to recruitment</i>
An Australian Translational Study to Evaluate the Prognostic Role of Inflammatory Markers in Patients with Metastatic Colorectal Cancer Treated with Bevacizumab (Avastin TM).	Principal Investigator: Dr Tom van Hagen <i>Closed to recruitment</i>	Phase III, Randomised Double-Blind, Placebo-Controlled Study to Investigate Efficacy & Safety of MPDL3280A (Anti-PD-L1 Antibody) in Combination with Nab-Paclitaxel vs MPDL3280A Placebo with Nab-Paclitaxel in Patients with Previously Untreated Metastatic Triple Negative Breast Cancer	Principal Investigator: Dr Daphne Tsoi <i>Closed to recruitment</i>
A Randomized, Placebo-Controlled, Double-Blind, Phase 3 Study Evaluating Safety and Efficacy of the Addition of Veliparib Plus Carboplatin Versus the Addition of Carboplatin to Standard Neoadjuvant Chemotherapy Versus Standard Neoadjuvant Chemotherapy in Subjects with Early Stage Triple Negative Breast Cancer.	Principal Investigator: Dr Daphne Tsoi <i>Closed to recruitment</i>	A Randomized, Double-Blind, Placebo-Controlled, Phase 3 Study of Fulvestrant with or without Abemaciclib, a CDK4/6 Inhibitor, for Women with Hormone Receptor Positive, HER2 Negative Locally Advanced or Metastatic Breast Cancer	Principal Investigator: Dr Daphne Tsoi <i>Closed to recruitment</i>
A Randomized, Open-Label Study Comparing the Combination of YONDELIS® and DOXIL®/CAELYX® With DOXIL®/CAELYX® Monotherapy for the Treatment of Advanced-Relapsed Epithelial Ovarian, Primary Peritoneal, or Fallopian Tube Cancer	Principal Investigator: Dr Andrew Dean <i>Closed to recruitment</i>	A Phase II Study of Atezolizumab or Placebo in combination with KADCYLA in patients with HER2-Positive locally advanced or metastatic breast cancer who have received prior Trastuzumab and Taxane Based therapy.	Principal Investigator: Dr Daphne Tsoi <i>Closed to recruitment</i>
A Phase III, randomised, double-blind study of adjuvant immunotherapy Nivolumab (Nivo) combined with Ipilimumab (Ipi) versus Ipilimumab or Nivolumab Monotherapy after complete resection of Stage IIIb/c/d or stage IV Melanoma in subjects who are at high risk of recurrence	Principal Investigator: Dr Tom van Hagen <i>Closed to recruitment</i>	A Phase III study of Pembrolizumab vs. Physicians' choice Paclitaxel or Docetaxel in 2L Subjects with Advanced/Metastatic Adenocarcinoma and Squamous Cell Carcinoma of the Esophagus	Principal Investigator: Dr Andrew Dean <i>Closed to recruitment</i>
A Randomized, Double-Blind, Placebo-Controlled, Multi-Center Phase 3 Study of Denosumab as Adjuvant Treatment for Women with Early-Stage Breast Cancer at High Risk of Recurrence	Principal Investigator: Dr Daphne Tsoi <i>Closed to recruitment</i>		
A Phase II, open-label, multicenter trial to investigate the clinical activity and safety of avelumab (MSB0010718C) in subjects with Merkel Cell Carcinoma	Principal Investigator: Dr Tom van Hagen <i>Closed to recruitment</i>		



OVERVIEW

[CEO Welcome](#)

[Our Hospital](#)

[Our Research](#)

[St John of God Foundation](#)

[Our Supporters](#)

[Our Team](#)

[Our Ethics](#)

RESEARCH AREAS

[Allied Health Research Program](#)

[Anaesthesia and Pain Research Unit](#)

[Breast Cancer Research Unit](#)

[Cardiology Research Group](#)

[Colorectal Cancer Research Group](#)

[Collaborators' Report](#)

[Gynaecological Cancer Research Group](#)

[Inflammatory Bowel Disease Research Unit](#)

[Intensive Care Unit Research Group](#)

[Neonatal Research Group](#)

[Neurosurgery Research Group](#)

[Nursing and Midwifery Research Program](#)

[Oncology Clinical Trials Unit](#)

[Oncology Services](#)

[Orthopaedic Surgery Research Group](#)

[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

Click links above to navigate to topics.

[PREVIOUS](#)

[NEXT](#)

A prospective randomized Phase III trial of carboplatin/ gemcitabine/bevacizumab vs. carboplatin/pegylated liposomal doxorubicin/bevacizumab in patients with platinum-sensitive recurrent ovarian cancer.	Principal Investigator: Dr Andrew Dean <i>Closed to recruitment</i>
A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study of Ramucirumab plus Docetaxel Versus Placebo plus Docetaxel in Patients with Locally Advanced or Unresectable or Metastatic Urothelial Carcinoma who Progressed on or after Platinum-Based Therapy	Principal Investigator: Dr Tim Clay <i>Closed to recruitment</i>
Short Course Oncology Therapy – A Study of Adjuvant Chemotherapy in Colorectal Cancer	Principal Investigator: Dr Tom van Hagen <i>Closed to recruitment</i>
A Phase III Trial Evaluating the Role of Ovarian Function Suppression and the Role of Exemestane as Adjuvant Therapies for Premenopausal Women with Endocrine Responsive Breast Cancer (tamoxifen versus ovarian function suppression + tamoxifen versus ovarian function suppression + exemestane)	Principal Investigator: Dr Daphne Tsoi <i>Closed to recruitment</i>
A Phase 3 Placebo-Controlled Study of Carboplatin/Paclitaxel with or without Concurrent and Continuation Maintenance Veliparib (PARP inhibitor) in Subjects with Previously Untreated Stages III or IV High-Grade Serous Epithelial Ovarian, Fallopian Tube, or Primary Peritoneal Cancer	Principal Investigator: Dr Andrew Dean <i>Closed to recruitment</i>
A phase 1, dose-finding and signal seeking study of the safety and efficacy of intravenous cavatak alone and in combination with pembrolizumab in patients with late stage solid tumours (NSCLC, prostate cancer, melanoma and bladder cancer)	Principal Investigator: Dr Tim Clay <i>Closed to recruitment</i>
A Phase 3, randomised, Open-Label study comparing Pexa-Vec (Vaccinia GM-CSF/Thymidine Kinase Deactivated Virus) Followed by Sorafenib versus Sorafenib in patients with Advanced Hepatocellular Carcinoma (HCC) without prior systemic therapy	Principal Investigator: Dr Tom van Hagen <i>Closed to recruitment</i>





OVERVIEW

[CEO Welcome](#)
[Our Hospital](#)
[Our Research](#)
[St John of God Foundation](#)
[Our Supporters](#)
[Our Team](#)
[Our Ethics](#)

RESEARCH AREAS

[Allied Health Research Program](#)
[Anaesthesia and Pain Research Unit](#)
[Breast Cancer Research Unit](#)
[Cardiology Research Group](#)
[Colorectal Cancer Research Group](#)
[Collaborators' Report](#)
[Gynaecological Cancer Research Group](#)
[Inflammatory Bowel Disease Research Unit](#)
[Intensive Care Unit Research Group](#)
[Neonatal Research Group](#)
[Neurosurgery Research Group](#)
[Nursing and Midwifery Research Program](#)
[Oncology Clinical Trials Unit](#)
[Oncology Services](#)
[Orthopaedic Surgery Research Group](#)
[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

Click links above to navigate to topics.

PREVIOUS

NEXT

Oncology Services

Our Oncology Services team provides education, clinical expertise and support for patients and their loved ones in the prevention, diagnosis and treatment of cancer. We provide professional, multidisciplinary care delivered with compassion and expertise through the Bendat Family Comprehensive Cancer Centre, located onsite at St John of God Subiaco Hospital.

23,591 patient admissions for oncology-related services at St John of God Subiaco Hospital in 2017/18.

2017/18 HIGHLIGHTS

- One of only four hospitals involved in patient recruitment for the NOMINATOR Pilot Study – a national trial to examine whether a cancer's genetic sequence may be the key to matching people with rare cancers to the right anti-cancer treatments.

FOCUS AREAS

- Providing holistic oncology services to support the physical, emotional and psychological wellbeing of our patients, including their surgical and medical needs.
- Bringing together clinicians from a range of disciplines associated with cancer treatment to offer services including:
 - Cancer-related surgery
 - Treatment with chemotherapy as well as targeted and immunotherapies
 - Cancer research and clinical trials
 - Cancer specific multidisciplinary team meetings
 - Allied health support including social workers, dieticians, case occupational therapists, physiotherapists and pharmacists
 - Pain management
 - Pastoral services
 - Specialist nurses in breast cancer care
 - Palliative care and oncology support



PROJECTS

Patients Receiving Neoadjuvant Chemotherapy for High-Grade Serous Tubo-Ovarian Carcinoma; Does Radiological Response Correlate with the CRS in Determining Prognosis?

This project is investigating if radiological response following neoadjuvant chemotherapy and prior to interval debulking surgery predicts the chemotherapy response score and if it is associated with progression-free survival as well as overall survival in women who have been diagnosed with advanced high grade serous carcinoma of the ovary, fallopian tube or peritoneum.

KEY STAFF **Head of Department, Cancer Services**
 Dr Andrew Dean
Medical Registrar
 Dr Meabh McNulty, Dr Dom Higgs

Project Manager – Clinical Trials Development
 Dr Jo Youd

CONTACT **Research unit contact details**

Tel: (08) 6465 9204



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

[Click links above to navigate to topics.](#)

PREVIOUS

NEXT

PUBLICATIONS

This is a select list of publications.

Rucaparib maintenance treatment for recurrent ovarian carcinoma after response to platinum therapy (ARIEL3): a randomised, double-blind, placebo-controlled, phase 3 trial.

Coleman RL, Oza AM, Lorusso D, Aghajanian C, Oaknin A, Dean A, Colombo N, Weberpals JI, Clamp A, Scambia G, Leary A, Holloway RW, Gancedo MA, Fong PC, Goh JC, O'Malley DM, Armstrong DK, Garcia-Donas J, Swisher EM, Floquet A, Konecny GE, McNeish IA, Scott CL, Cameron T, Maloney L, Isaacson J, Goble S, Grace C, Harding TC, Raponi M, Sun J, Lin KK, Giordano H, Ledermann JA; ARIEL3 investigators.

Lancet. 2017 Oct 28;390(10106):1949-1961. doi: 10.1016/S0140-6736(17)32440-6. Epub 2017 Sep 12. PMID:28916367

Subgroup analysis by baseline pain intensity (BPI) and analgesic use (BAU) in NAPOLI-1: A phase III study of liposomal irinotecan (nal-IRI)±5-fluorouracil/leucovorin (5-FU/LV) in patients (pts) with metastatic pancreatic ductal adenocarcinoma (mPDAC) previously treated with gemcitabine-based therapy.

Teresa Mercade Macarulla, Jens T. Siveke, Andrew Peter Dean, Richard Hubner, Jean-Frédéric Blanc, David Cunningham, Li-Tzong Chen, Beloo Mirakhur, Jie Chen, Floris A de Jong, and Andrea Wang-Gillam

Journal of Clinical Oncology 2018 36:4_suppl, 379-379

Publication title: Abstract A084: DENALI: a 3-arm double-blind randomized phase 2 study of carboplatin, pemetrexed, and placebo (CPP) versus carboplatin, pemetrexed, and either 1 or 2 truncated courses of demcizumab (CPD) in patients with non-squamous non-small cell lung cancer (NSCLC).

Hughes, Brett, Andrew Dean, Ben Markman, Luke Dreisbach, Mariano Provencio, Libero Ciuffreda, Rachel Dear et al.

Molecular Cancer Therapeutics January 1 2018 (17) (1 Supplement) A084

Evaluation of rucaparib in platinum-sensitive recurrent ovarian carcinoma (rOC) in patients (pts) with or without residual bulky disease at baseline in the ARIEL3 study.

Carol Aghajanian, Robert L. Coleman, Amit M. Oza, Domenica Lorusso, Ana Oaknin, Andrew Peter Dean, Nicoletta Colombo, Johanne I Weberpals, Andrew R. Clamp, Giovanni Scambia, Alexandra Leary, Robert W. Holloway, Peter C.C. Fong, Jeffrey C. Goh, David M. O'Malley, Susana N. Banerjee, Kenton Wride, Teresa Cameron, and Jonathan A. Ledermann

Journal of Clinical Oncology 2018 36:15_suppl, 5537-5537

Use of FDG PET scanning to evaluate 5-FU myocardial toxicity as a global metabolic effect rather than vascular spasm.

Andrew Peter Dean, Dom Higgs, Peter Robins, Paul Stobie, Philip Craven, Ciara Daly, and Samantha Carija

Journal of Clinical Oncology 2018 36:4_suppl, 792-792

Knowledge, attitudes, and practice of oncologists and oncology health care providers in promoting physical activity to cancer survivors: an international survey.

Hardcastle SJ, Kane R, Chivers P, Hince D, Dean A, Higgs D, Cohen PA.

Support Care Cancer. 2018 May 8. doi: 10.1007/s00520-018-4230-1. [Epub ahead of print] PMID: 29740694

Exploratory analysis of percentage of genomic loss of heterozygosity (LOH) in patients with platinum-sensitive recurrent ovarian carcinoma (rOC) in ARIEL3.

Ana Oaknin, Jonathan A. Ledermann, Amit M. Oza, Domenica Lorusso, Carol Aghajanian, Andrew Peter Dean, Nicoletta Colombo, Johanne I Weberpals, Andrew R. Clamp, Giovanni Scambia, Alexandra Leary, Robert W. Holloway, David M. O'Malley, Iain A. McNeish, Elizabeth M. Swisher, Teresa Cameron, Sandra Goble, James Sun, Kevin K. Lin, and Robert L. Coleman

Journal of Clinical Oncology 2018 36:15_suppl, 5545-5545



A phase 1/2, open-label dose-escalation study of liposomal irinotecan (nal-IRI) plus 5-fluorouracil/leucovorin (5-FU/LV) and oxaliplatin (OX) in patients with previously untreated metastatic pancreatic cancer (mPAC).

Andrew Peter Dean, Zev A. Wainberg, Ramesh K. Ramanathan, Patrick McKay Boland, Kabir Mody, Bin Zhang, Bruce Belanger, Floris A de Jong, and Stephan Braun

Journal of Clinical Oncology 2018 36:15_suppl, 4111-4111

Prognostic effect of primary tumor location in the NAPOLI-1 phase 3 study in metastatic pancreatic ductal adenocarcinoma (mPDAC).

Mercadé, T. Macarulla, A. Wang-Gillam, L. Chen, J. Blanc, K. Lee, G. Bodoky, A. Dean et al
Annals of Oncology, Volume 29, Issue suppl_5, 1 June 2018, mdy151.149,

The effect of best response to prior anticancer therapy on efficacy outcomes in the NAPOLI-1 trial of patients with metastatic pancreatic ductal adenocarcinoma (mPDAC) previously treated with gemcitabine-based therapy

Mercadé, T. Macarulla, A. Wang-Gillam, L. Chen, J. Blanc, K. Lee, G. Bodoky, A. Dean et al
Annals of Oncology 2018 29, no. suppl_5 (2018): mdy151-151.



OVERVIEW

- [CEO Welcome](#)
- [Our Hospital](#)
- [Our Research](#)
- [St John of God Foundation](#)
- [Our Supporters](#)
- [Our Team](#)
- [Our Ethics](#)

RESEARCH AREAS

- [Allied Health Research Program](#)
- [Anaesthesia and Pain Research Unit](#)
- [Breast Cancer Research Unit](#)
- [Cardiology Research Group](#)
- [Colorectal Cancer Research Group](#)
- [Collaborators' Report](#)
- [Gynaecological Cancer Research Group](#)
- [Inflammatory Bowel Disease Research Unit](#)
- [Intensive Care Unit Research Group](#)
- [Neonatal Research Group](#)
- [Neurosurgery Research Group](#)
- [Nursing and Midwifery Research Program](#)
- [Oncology Clinical Trials Unit](#)
- [Oncology Services](#)
- [Orthopaedic Surgery Research Group](#)
- [WA Thoracic Research Group](#)

PUBLICATIONS

- [2017/18 Publications](#)

Orthopaedic Surgery Research Group

Our orthopaedic research is conducted to audit clinical outcomes, better understand disease and injury, and investigate new technologies which may lead to further improvements in patient treatment. We develop our research in partnership with universities and medical device companies.

Joint replacements are growing, as the population lives longer and technology improves.

Over 600 joint replacements were performed by Perth Hip and Knee Clinic surgeons at St John of God Subiaco Hospital in 2017/18.

2017/18 HIGHLIGHTS

- The Perth Hip and Knee Research Registry was established in August 2017 and as of June 30, 2018 had registered over 160 total hip replacements and 400 knee replacements. Patients on the registry are enrolled through St John of God Subiaco and Midland hospitals.
- Data from the registry is currently being analysed, with the first publication due early 2019.

FOCUS AREAS

- Translating orthopaedic research findings on robotic joint replacement into clinical practice, so patients can receive the best and most up-to-date treatments available.
- Improving patient care and clinical outcomes for patients undergoing joint replacement by utilising the latest orthopaedic technology.
- Collecting patient data preoperatively, intra operatively and post operatively to improve future patient care and outcomes.



KEY STAFF **Orthopaedic Surgeons**
 Dr Gavin Clark
 Dr Dermot Collopy
 Dr Allan Wang

Physiotherapists, Research Assistants
 Beth Tippett
 Elise McNeill
Clinical Nurse
 Ashlee Connelly

CONTACT **Research unit contact details**

Tel: (08) 6489 1777
 Email: clark@hipknee.com.au | research.collopy@hipknee.com.au

Click links above to navigate to topics.

PREVIOUS

NEXT



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications



PROJECTS

Perth Hip & Knee Research Registry

A registry of patients preoperative, intraoperative and postoperative clinical data for patients who have undergone joint surgery, used to reflect on current practices, find trends and patterns to shape patient care and outcomes, and to assist in future principal investigator studies.

Mako TKR and conventional TKR data collection and comparison

All patients undergoing TKR (Total Knee Reconstruction) with Dr Collopy at St John of God Subiaco Hospital have data collected pre and post-operatively in an orthopaedic database to compare measurable outcomes of conventional and robotic-assisted procedures.

ROMICU: Hospital length-of-stay and mortality in patients with metastatic and haematological malignancies requiring intensive care admission following elective surgery.

A retrospective audit.

CLINICAL TRIALS

A prospective, randomised controlled trial evaluating total knee replacement with the Stryker Triathlon Primary Total Knee System, compared to bi-compartmental knee replacement with Restoris MCK Multi-compartmental Knee System performed using Stryker's robotic-arm assisted surgery system, Mako

This trial compares a two-section (bi-compartmental) knee replacement to total knee replacement surgery to understand if patients who only have a bi-compartmental knee replacement will function and perform as well, or better than, those having a total knee replacement.

PUBLICATIONS

This is a select list of publications.

Progressive Scholarly Acceptance (PSA) Analysis of Global Trends in Robotic Orthopaedic Research: A New Innovation Assessment Metric for use in Orthopaedic Bibliometric Research

Cundy TP, Harley SJD, Marcus HJ, Hughes-Hallett A, Khurana S.

J Robot Surg. 2018 Mar; 12(1):109-115. doi: 10.1007/s11701-017-0703-3. Epub 2017 Apr 28. Review. PMID:28455800

Stable migration of peri-apatite-coated uncemented tibial components in a multicentre study

Dunbar MJ, Laende EK, Collopy D, Richardson CG.

Bone Joint J. 2017 Dec; 99-B(12):1596-1602. doi: 10.1302/0301-620X.99B12.BJJ-2016-1118.R2. PMID:29212682

3D uniaxial mechanical stimulation induces tenogenic differentiation of tendon-derived stem cells through a PI3K/AKT signaling pathway.

Wang T, Thien C, Wang C, Ni M, Gao J, Wang A, Jiang Q, Tuan RS, Zheng Q, Zheng MH.

FASEB J. 2018 Sep;32(9):4804-4814. doi: 10.1096/fj.201701384R. Epub 2018 Mar 29. PMID: 29596022

In vitro loading models for tendon mechanobiology.

Wang T, Chen P, Zheng M, Wang A, Lloyd D, Leys T, Zheng Q, Zheng MH.

J Orthop Res. 2018 Feb; 36(2):566-575. doi: 10.1002/jor.23752. Epub 2017 Nov 2. Review. PMID:28960468

Subacromial shoulder pain: study finds limited benefits from surgery.

Wang, A W, Nogrady, B .

Medicine Today, Vol. 19, No. 1, 01.2018, p. 9-10.

A midterm evaluation of postoperative platelet-rich plasma injections on arthroscopic supraspinatus repair: a randomized controlled trial.

Ebert JR, Wang A, Smith A, Nairn R, Breidahl W, Zheng MH, Ackland T.

Am J Sports Med. 2017 Nov; 45(13):2965-2974. doi: 10.1177/0363546517719048. Epub 2017 Aug 14. PMID: 28806095

High-resolution study of the 3D collagen fibrillary matrix of Achilles tendons without tissue labelling and dehydrating.

Wu JP, Swift BJ, Becker T, Squelch A, Wang A, Zheng YC, Zhao X, Xu J, Xue W, Zheng M, Lloyd D, Kirk TB.

J Microsc. 2017 Jun; 266(3):273-287. doi: 10.1111/jmi.12537. Epub 2017 Mar 2. PMID: 28252807

Three dimensional microstructural network of elastin, collagen, and cells in Achilles tendons.

Pang X, Wu JP, Allison GT, Xu J, Rubenson J, Zheng MH, Lloyd DG, Gardiner B, Wang A, Kirk TB.

J Orthop Res. 2017 Jun; 35(6):1203-1214. doi: 10.1002/jor.23240. Epub 2017 May 2. PMID: 27002477

A Systematic Review of EMG Studies in Normal Shoulders to Inform Postoperative Rehabilitation Following Rotator Cuff Repair.

Edwards P, Ebert J, Littlewood, C, Ackland, T, Wang, A.

Journal of Orthopaedic & Sports Physical Therapy, 2017 Volume: 47 Issue:12 Pages:931–944 DOI: 10.2519/jospt.2017.7271

AKT activation by uni-axial mechanical stimulation is essential for repair of micro damages in tendon during daily activities.

Zheng, M H, Wang, A W.

Journal of Science and Medicine in Sport, Vol. 20, No. supp 3, 2017, p. 39. DOI: 0.1016/j.jsams.2017.09.271



OVERVIEW

- [CEO Welcome](#)
- [Our Hospital](#)
- [Our Research](#)
- [St John of God Foundation](#)
- [Our Supporters](#)
- [Our Team](#)
- [Our Ethics](#)

RESEARCH AREAS

- [Allied Health Research Program](#)
- [Anaesthesia and Pain Research Unit](#)
- [Breast Cancer Research Unit](#)
- [Cardiology Research Group](#)
- [Colorectal Cancer Research Group](#)
- [Collaborators' Report](#)
- [Gynaecological Cancer Research Group](#)
- [Inflammatory Bowel Disease Research Unit](#)
- [Intensive Care Unit Research Group](#)
- [Neonatal Research Group](#)
- [Neurosurgery Research Group](#)
- [Nursing and Midwifery Research Program](#)
- [Oncology Clinical Trials Unit](#)
- [Oncology Services](#)
- [Orthopaedic Surgery Research Group](#)

[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

Click links above to navigate to topics.

[PREVIOUS](#)

[NEXT](#)

WA Thoracic Research Group

We are the largest respiratory and respiratory oncology research group in Western Australia's private health sector.

Our research extends across respiratory and thoracic oncology, spanning primary lung malignancy, interstitial lung disease, mesothelioma, pulmonary hypertension, pulmonary thromboembolic disease, respiratory complications of connective tissue disorders and respiratory issues in bariatric surgery.

1 in 17 Australians are at risk of developing lung cancer.

Lung cancer is the leading cause of cancer death in Australia.

200 new patients (approximately) are diagnosed annually with lung cancer at St John of God Subiaco Hospital.

FOCUS AREAS

- The collection of biospecimens and clinical data from patients with known or suspected thoracic malignancies, facilitating future research which may lead to earlier detection of disease in patients.
- Exploring novel markers for diagnosis and bespoke therapy response.
- Working closely with the University of Notre Dame Australia (Fremantle), where Professor Gabbay is the Professor of Medicine, as well as the medical school at The University of Western Australia.
- Annual appointment of Research Fellows interested in respiratory medicine and respiratory oncology to provide them with an opportunity to gain valuable skills and experience in research.
- Coordinating and participating in multicentre research studies in thoracic research - locally, nationally and internationally.



2017/18 HIGHLIGHTS

- A generous donation by Mr Jack Bendat in 2017 established the Bendat Respiratory Research and Development Fund to advance research and clinical excellence in respiratory medicine and cancer related pathologies.
- Research presented at The Thoracic Society of Australia and New Zealand's annual conference, the Clinical Oncology Society of Australia's 44th Annual Scientific Meeting and The Australian Society of Medical Research WA Scientific Symposium.

KEY STAFF

Chief Investigators

Professor Eli Gabbay, Dr Tim Clay

Bendat Research Fellows

Dr Rohen Skiba, Dr Ciara Daly, Dr Phil Craven

Research Nurse

Nisha Sikotra

CONTACT

Research unit contact details

Tel: (08) 9382 9172

Email: nisha.sikotra@sjog.org.au



OVERVIEW

- [CEO Welcome](#)
- [Our Hospital](#)
- [Our Research](#)
- [St John of God Foundation](#)
- [Our Supporters](#)
- [Our Team](#)
- [Our Ethics](#)

RESEARCH AREAS

- [Allied Health Research Program](#)
- [Anaesthesia and Pain Research Unit](#)
- [Breast Cancer Research Unit](#)
- [Cardiology Research Group](#)
- [Colorectal Cancer Research Group](#)
- [Collaborators' Report](#)
- [Gynaecological Cancer Research Group](#)
- [Inflammatory Bowel Disease Research Unit](#)
- [Intensive Care Unit Research Group](#)
- [Neonatal Research Group](#)
- [Neurosurgery Research Group](#)
- [Nursing and Midwifery Research Program](#)
- [Oncology Clinical Trials Unit](#)
- [Oncology Services](#)
- [Orthopaedic Surgery Research Group](#)

[WA Thoracic Research Group](#)

PUBLICATIONS

[2017/18 Publications](#)

[Click links above to navigate to topics.](#)

[PREVIOUS](#)

[NEXT](#)

PROJECTS

WATRG Biospecimen Bank

The WATRG Biospecimen Bank involves the collection and storage of donated specimens from patients with suspected or known thoracic malignancy for future use in research. The biobank infrastructure was established to enable the study of anatomical and molecular pathologic features of various thoracic disease states and correlation with clinical factors including demographics, environmental exposures, response to treatment, and outcomes of clinical care including response to treatment, rates of remission of disease and survival.

Management of patients with febrile neutropenia in a private hospital setting

Febrile neutropenia is a medical emergency which poses a significant morbidity and mortality risk to patients receiving chemotherapy. This research aims to obtain a better understanding of current practices of management of febrile neutropenia patients in a private institution and to identify whether management of these patients is in line with standard guidelines.

IVC Filters use at St John of God Subiaco Hospital 2014-2016

A study investigating inferior vena cava filter use at St John of God Subiaco Hospital over three years. The study reviewed indications for insertion, appropriateness of insertion, retrieval rates, complication rates and long-term outcomes of their use.

The role of tumour markers in the assessment of primary lung malignancies

This research reviewed the role of tumour markers in the assessment of primary lung malignancy with particular focus on circulating tumour DNA, a novel "liquid biopsy" as a screening tool to aid in the detection of lung cancer at an earlier and potentially curable stage. The group is collecting its own biobank of liquid samples to study this.

Mesothelioma – a patient journey

Malignant Pleural Mesothelioma (MPM) is a malignancy that arises from the pleura of the lungs. This study examined the patients admitted to St John of God Subiaco Hospital with MPM between 2012 and 2016, to review their epidemiology, presentation, diagnosis and management, including referral elsewhere. This data will then be compared with guidelines set out by the Lung Foundation Australia for the diagnosis and treatment of MPM, to assess the hospital's adherence to national standards.

The epidemiology of cardiorespiratory complications in systemic sclerosis

The group is leading a multicentre study which explores cardiorespiratory complications in systemic sclerosis. It is the largest database of systemic sclerosis in the world and has been run out of St John of God Subiaco Hospital over the past four years.

The management of pulmonary arterial hypertension

The group has an established record of clinical trials in pulmonary hypertension exploring new therapies and new combination of therapies.



PUBLICATIONS

Inferior vena cava filters (IVCFs): a review of uses and application to international guidelines at a single Australian center; implications of venous thromboembolism associated with malignancy.

Craven, P., Daly, C., Oates, R., Sikotra, N., Clay, T., & Gabbay, E. (2018) Pulmonary Circulation, 8(2), 2045894018776505.

Effect of pneumocystis jirovecii pneumonia (PJP) on morbidity and mortality in oncology patients: A single centre experience.

Clay TD, Daly C, Craven P, Sikotra N, Cheruvu S, Gabbay E, Arellano A Journal of Clinical Oncology 2018 36:15_suppl, e22088-e22088.



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

Publications

ANAESTHESIA & PAIN RESEARCH UNIT

Restrictive versus liberal fluid therapy in major abdominal surgery (RELIEF): rationale and design for a multicentre randomised trial.

Myles P, Bellomo R, Corcoran T, Forbes A, Wallace S, Peyton P, Christophi C, Story D, Leslie K, Serpell J, McGuinness S, Parke R, Australian, New Zealand College of Anaesthetists Clinical Trials N, the A, New Zealand Intensive Care Society Clinical Trials G. *BMJ Open* 2017;7:e015358. doi: 10.1136/bmjopen-2016-015358

Detailed assessment of benefits and risks of retrievable inferior vena cava filters on patients with complicated injuries: the da Vinci multicentre randomised controlled trial study protocol.

Ho KM, Rao S, Honeybul S, Zellweger R, Wibrow B, Lipman J, Holley A, Kop A, Geelhoed E, Corcoran T. *BMJ Open*. 2017 Jul 12;7(7):e016747. doi: 10.1136/bmjopen-2017-016747. PMID: 28706106

Restrictive versus Liberal Fluid Therapy for Major Abdominal Surgery

Myles PS, Bellomo R, Corcoran T, Forbes A, Peyton P, Story D, Christophi C, Leslie K, McGuinness S, Parke R, Serpell J, Chan MTV, Painter T, McCluskey S, Minto G, Wallace S. Australian and New Zealand College of Anaesthetists Clinical Trials Network and the Australian and New Zealand Intensive Care Society Clinical Trials Group. *N Engl J Med* 2018; 378:2263-2274 DOI: 10.1056/NEJMoa1801601

The early in-vivo effects of a single anti-emetic dose of dexamethasone on innate immune cell gene expression and activation in healthy volunteers.

Bain CR, Draxler DF, Taylor R, Wallace S, Gouldthorpe O, Corcoran TB, Myles PS, L Medcalf R, Bozaoglu K. *Anaesthesia*. 2018 Aug;73(8):955-966. doi: 10.1111/anae.14306. Epub 2018 May 28. PMID: 29806695

Perioperative Lidocaine Infusions for the Prevention of Chronic Post-Surgical Pain: A Systematic Review and Meta-Analysis of Efficacy and Safety

Bailey M, Corcoran T, Schug S, Toner A. *Pain*. 2018 Sep;159(9):1696-1704. doi: 10.1097/j.pain.0000000000001273. PMID: 29757886

Safety of Perioperative Glucocorticoids in Elective Noncardiac Surgery: A Systematic Review and Meta-analysis

Toner AJ, Ganeshanathan V, Chan MT, Ho KM, Corcoran TB. *Anesthesiology*. 2017 Feb;126(2):234-248. doi: 10.1097/ALN.0000000000001466. Review. PMID: 27922839

Does Furosemide Increase Oxidative Stress in Acute Kidney Injury?

Silbert BI, Ho KM, Lipman J, Roberts JA, Corcoran TB, Morgan DJ, Pavey W, Mas E, Barden AE, Mori TA. *Antioxid Redox Signal*. 2017 Feb 10;26(5):221-226. doi: 10.1089/ars.2016.6845. Epub 2016 Sep 15. PMID:27530232

Hyperbaric oxygen therapy is not associated with oxidative stress assessed using plasma F2-isoprostanes and isofurans.

Corcoran T, Ting S, Mas E, Phillips M, O'Loughlin E, Barden A, Mori TA.

BREAST CANCER RESEARCH UNIT

Prostaglandins Leukot Essent Fatty Acids. 2017 Dec;127:16-19. doi: 10.1016/j.plefa.2017.10.003. Epub 2017 Oct 7. PMID: 29156153

Intraoperative dexamethasone alters immune cell populations in patients undergoing elective laparoscopic gynaecological surgery.

Corcoran T, Paech M, Law D, Muchatuta NA, French M, Ho KM. *Br J Anaesth*. 2017 Aug 1;119(2):221-230. doi: 10.1093/bja/aex154. PMID: 28854534

Intraoperative dexamethasone does not increase the risk of postoperative wound infection: a propensity score-matched post hoc analysis of the ENIGMA-II trial (EnDEX).

Corcoran T, Kasza J, Short TG, O'Loughlin E, Chan MT, Leslie K, Forbes A, Paech M, Myles P; ENIGMA-II investigators. *Br J Anaesth*. 2017 Feb;118(2):190-199. doi: 10.1093/bja/aew446. PMID: 28100522

Pre-hydrated sterile acellular dermal matrix allograft in breast reconstruction: review of a single unit's experience.

James J, Corrigan B, Saunders C. *ANZ J Surg*. 2018 Apr;88(4):369-373. doi: 10.1111/ans.13857. Epub 2017 Jul 20. PMID: 28727237

Perceived influence on psychological consultation on psychological well-being, body image and intimacy following bilateral prophylactic mastectomy: A qualitative analysis.

Glasse R, Hardcastle SJ, O'Connor M, Ives A; kConFab Investigators, Saunders C. *Psychooncology*. 2018 Feb;27(2):633-639. doi: 10.1002/pon.4558. Epub 2017 Oct 16. PMID: 28945295

Wide-field quantitative micro-elastography of human breast tissue.

Allen WM, Kennedy KM, Fang Q, Chin L, Curatolo A, Watts L, Zilkens R, Chin SL, Dessauvagie BF, Latham B, Saunders CM, Kennedy BF. *Biomed Opt Express*. 2018 Feb 9;9(3):1082-1096. doi: 10.1364/BOE.9.001082. eCollection 2018 Mar 1. PMID: 29541505

Pregnancy outcomes after a breast cancer diagnosis: a systematic review and meta-analysis

Gertstl B, Sullivan E, Ives A, Saunders CM, Wand H, Anazodo A. *Clin Breast Cancer*. 2018 Feb;18(1):e79-e88. doi: 10.1016/j.clbc.2017.06.016. Epub 2017 Jul 10. Review. PMID: 28797766

Arm morbidity: comparison of completion axillary dissection undertaken sentinel node biopsy or as 2nd operation.

Ballal H, Hunt C, Bharat C, Murray K, Kamyab R, Saunders C. *ANZ Journal of Surgery*. 2018. 2nd February doi:10.1111/ans.14382

Correction to: Exercise following breast cancer: exploratory survival analyses of two randomised, controlled trials.

Hayes SC, Steele ML, Spence RR, Gordon L, Battistutta D, Bashford J, Pyke C, Saunders C, Eakin E.

Breast Cancer Res Treat. 2018 Jan;167(2):505-514. doi: 10.1007/s10549-017-4541-9. Epub 2017 Oct 23. Erratum in: *Breast Cancer Res Treat*. 2017 Nov 10;: PMID: 29063309

Click links above to navigate to topics.

PREVIOUS

NEXT



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

BREAST CANCER RESEARCH UNIT

Continued

Switching between endocrine therapies for primary breast cancer: Frequency and timing in Australian clinical practice.

Kemp-Casey A, Roughead EE, Saunders C, Boyle F, Bulsara M, Preen DB. Asia Pac J Clin Oncol. 2017 Apr;13(2):e161-e170. doi: 10.1111/ajco.12600. Epub 2016 Oct 14. PMID: 27739214

Label-free optical imaging technologies for rapid translation and use during intraoperative surgical and tumour margin assessment.

S. Boppart, J. Quincy Brown, C. Farah, E. Kho, L. Marcu, C. Saunders and H. Sterenborg. Journal of Biomedical Optics. 2017. Dec;23(2);1-10. doi: 10.1117/1.JBO.23.2.021104

Influences on body image and satisfaction with intimacy in younger women following bilateral prophylactic mastectomy: A qualitative analysis.

R. Glassey, M. O'Connor, A. Ives, C. Saunders and S. Hardcastle.

Journal of Behavioural Medicine. 2017: doi:10.1002/pon.4558. [Epub ahead of print]

Pre-hydrated sterile acellular dermal matrix allograft in breast reconstruction: review of a single unit's experience.

James J, Corrigan B, Saunders C.

ANZ J Surg. 2018 Apr;88(4):369-373. doi: 10.1111/ans.13857. Epub 2017 Jul 20. PMID: 28727237

Juvenile melanomas; Western Australian Melanoma Advisory Service experience.

Xu JX, Koek S, Lee S, Hanikeri M, Lee M, Beer T, Saunders C.

Australas J Dermatol. 2017 Nov;58(4):299-303. doi: 10.1111/ajd.12661. Epub 2017 Aug 15. PMID: 28809039

Out of pocket expenses experienced by rural Western Australians diagnosed with cancer.

Newton J, Johnson C, Hohnen H, Bulsara M, Ives A, McKiernan S, Platt V, McConigley R, Slavova-Azmanova N, Saunders C.

Supportive Care in Cancer. 2018: In Print April 2018 MS JSCC-D-17-01356R1

Timing and mode of breast care nurse consultation from the patient's perspective.

Brown, J.A, Refeld, G., & Cooper, A.

Oncology Nursing Forum (2018), 45(3), 389-398.

Influences on body image and satisfaction with intimacy in younger women following bilateral prophylactic mastectomy: A qualitative analysis.

R. Glassey, M. O'Connor, A. Ives, C. Saunders and S. Hardcastle.

Journal of Behavioural Medicine. 2017: doi:10.1002/pon.4558. [Epub ahead of print]

Cosmetic outcomes as rated by patients, doctors, nurses and BCCT.core software assessed over 5 years in a subset of patients in the TARGIT-A Trial

Corica T, Nowak A, Saunders C, Bulsara M, Taylor M, Williams N, Keshtgar M, Joseph D, Vaidya J. ' . Radiation Oncology. 2018: 13(68)

The clinical need for standardised MDM assessment processes'

Johnson CE, Slavova-Azmanova N, Saunders C. (Author Reply).

Internal Medicine Journal 2018: February 7th. doi.org/10.1111/imj.13705

BREAST CANCER RESEARCH UNIT

Continued

Exercise following breast cancer: exploratory survival analyses of two randomised, controlled trials

Hayes SC, Steele ML, Spence RR, Gordon L, Battistuta D, Bashford J, Pyke C, Saunders C, Eakin E. Breast Cancer Res Treatment. 2018. Jan;167(2): 505-514. doi.org/10.1007/s10549-017-4541

Patient satisfaction with radioguided occult lesion localisation using iodine-125 seeds ('ROLLIS') versus conventional hookwire localisation.

Ong J, Teh J, Saunders C, Bourke A, Lizama C, Newton J, Phillips M and Taylor D. European Journal of Surgical Oncology. 2017: Dec; 43(12);2261-2269 doi :10.1016/j.ejso.2017.09.021

Influences on decision-making for young women undergoing bilateral mastectomy.

R. Glassey, C. Saunders, M. Connor, A. Ives, H. Thorne, S. Hardcastle and kConFab Investigators.

Patient Education and Counseling. 2017: in Press Aug 24th. doi: 10.1016/j.pec.2017.08.008

Calcium channel blockers and breast cancer incidence: an updated systematic review and meta-analysis of the evidence

R. Moorin, J. Hughes, C. Reid, C. Saunders, B. Stricker, E. Chowdbury.

Cancer Epidemiology. 2017: Oct; 50 (Pt A); 113-124. doi: 10.1016/j.canep.2017.08.012. Epub 2017 Sep 1.

Streamlined genetic education is effective in preparing women newly diagnosed with breast cancer for decision making about treatment-focused genetic testing: a randomized controlled noninferiority trial

Quinn VF, Meiser B, Kirk J, Tucker KM, Watts KJ, Rahman B, Peate M, Saunders C, Geelhoed E, Gleeson M, Barlow-Stewart K, Field M, Harris M, Antill YC, Cicciarelli L, Crowe K, Bowen MT, Mitchell G.

Genetics in Medicine. 2017: 19; 448-456. Doi :10.1038/gim.2016.130

CARDIOLOGY RESEARCH GROUP

Plasma Proprotein Convertase Subtilisin Kexin Type 9 as a Predictor of Carotid Atherosclerosis in Asymptomatic Adults.

Chan DC, Pang J, McQuillan BM, Hung J, Beilby JP, Barrett PH, Watts GF.

Heart Lung Circ. 2016 May;25(5):520-5. doi: 10.1016/j.hlc.2015.10.017. Epub 2015 Nov 18.

Trends in incidence and prevalence of hospitalization for atrial fibrillation and associated mortality in Western Australia.

Briffa T, Hung J, Knuiman M, McQuillan BM, Chew DP, Eikelboom J, Hankey GJ, Teng THK, Nedkoff L, Weerasooriya R, Lui A, Stobie P., 1995–2010.

International Journal of Cardiology. 2016; 208: 19-25. doi:10.1016/j.ijcard.2016.01.196

Epidemiological and Mendelian randomization studies of dihydrotestosterone and estradiol and leukocyte telomere length in men.

Yeap BB, Knuiman MW, Divitini ML, Hui J, Arscott GM, Handelsman DJ, McLennan SV, Twigg SM, McQuillan B, Hung J, Beilby JP.

J Clin Endocrinol Metab. 2016 Mar;101(3):1299-306. doi: 10.1210/jc.2015-4139. Epub 2016 Jan 20. PMID: 26789780

Click links above to navigate to topics.

PREVIOUS

NEXT



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

COLORECTAL CANCER RESEARCH GROUP

Influence of primary site on metastatic distribution and survival in stage IV colorectal cancer.

Suthanathan AE, Bhandari M, Platell C. *ANZ J Surg* 2018 May; 88(5):445-449. DOI: 10.1111/ans.13969. PMID: 2851279.

Comparing pathological complete response rate using oral capecitabine versus infusional 5-fluorouracil with preoperative radiotherapy in rectal cancer treatment.

Jootun N, Evans T, Mak J, Makin G, Platell C. *ANZ J Surgery* 2018 Jan; 88(1-2):62-65. DOI: 10.1111/ans.14192. PMID: 28982208.

Exploration of information and support needs in relation to health concerns, diet and physical activity in colorectal cancer survivors.

Hardcastle SJ, Maxwell-Smith C, Hagger MS, O'Connor M, Platell C. *Eur J Cancer Care* 2018 Jan; 27(1). DOI: 10.1111/ecc.12679. PMID: 28337818.

The prognostic value of cancer stem-like cell markers SOX2 and CD133 in stage III colon cancer is modified by expression of the immune-related markers

FoxP3, PD-L1 and CD3. Miller TJ, McCoy MJ, Hemmings C, Bulsara MK, Iacopetta B, Platell CF. *Pathology* 2017 Dec;49(7):721-730. DOI: 10.1016/j.pathol.2017.08.007. PMID: 29102042.

Neoadjuvant chemoradiotherapy for rectal cancer: how important is tumour regression?

McCoy MJ, Hemmings C, Hillary S, Penter C, Bulsara MK, Zeps N, Platell CF. *ANZ J Surgery* 2017 Dec;87(12):E233-E239. DOI: 10.1038/bjc.2015.427. PMID: 26631340.

Optimizing Patient Risk Stratification for Colonoscopy Screening and Surveillance of Colorectal Cancer: The Role for Linked Data.

Preen DB, Lansdorp-Vogelaar I, Ee HC, Platell C, Cenin DR, Troeung L, Bulsara M, O'Leary P. *Front Public Health* 2017 Sep 8;5:234. DOI: 10.3389/fpubh.2017.00234. PMID: 28944221.

GYNAECOLOGICAL CANCER RESEARCH GROUP

Risk of persistent or recurrent cervical neoplasia in patients with 'pure' adenocarcinoma-in-situ (AIS) or mixed AIS and high-grade cervical squamous neoplasia (cervical intra-epithelial neoplasia grades 2 and 3 (CIN 2/3)): A population-based study.

Codde E, Munro A, Stewart C, Spilsbury K, Bowen S, Codde J, Steel N, Leung Y, Tan J, Salfinger SG, Mohan GR, Cohen PA.

BJOG. 2018 Jan;125(1):74-79. doi: 10.1111/1471-0528.14808. Epub 2017 Aug 2. PMID: 28678394

Effective Physical Activity Promotion to Survivors of Cancer Is Likely to Be Home Based and to Require Oncologist Participation.

Hardcastle SJ, Cohen PA.

J Clin Oncol. 2017 Nov 10;35(32):3635-3637. doi: 10.1200/JCO.2017.74.6032. Epub 2017 Sep 15. PMID: 28915086

GYNAECOLOGICAL CANCER RESEARCH GROUP

Continued

Dose escalation/expansion study to investigate the safety, pharmacokinetics, food effect, and antitumor activity of BGB-290 in patients with advanced solid tumors.

Lickliter J, Mileskin L, Voskobuonic M, Millward M, Freimund A, Meniawy T, Tang T et al. *Annals of Oncology*, Volume 28, Issue suppl 5, 1 September 2017, mdx367.003 doi:10.1093/annonc/mdx367.003

Preliminary results from a subset of patients (pts) with advanced ovarian cancer (OC) in a dose-escalation/expansion study of BGB-A317, an anti-PD-1 monoclonal antibody (mAb).

Meniawy TM, Richardson G, Townsend A, et al. 2017

Annals of Oncology, Volume 28, Issue suppl 5, 1 September 2017, mdx367.023, doi:10.1093/annonc/mdx367.023

Homologous Recombination DNA Repair Pathway Disruption and Retinoblastoma Protein Loss Are Associated with Exceptional Survival in High-Grade Serous Ovarian Cancer.

Garsed DW, Alsop K, Fereday S, et al.

Clinical Cancer Res. 2018 Feb 1;24(3):569-580. doi: 10.1158/1078-0432.CCR-17-1621. Epub 2017 Oct 23. PMID: 29061645

Factors influencing non-participation in an exercise program and attitudes towards physical activity amongst cancer survivors.

Hardcastle, S.J., Maxwell-Smith, C., Kamarova, S. et al.

Support Care Cancer (2018) 26: 1289. doi:10.1007/s00520-017-3952-9

Questioning the value of margin status in treated cervical precancer.

Cohen PA. 2017.

The Lancet Oncology November 2017,doi: 10.1016/S1470-2045(17)30839-218(12).

Investigating barriers to genetic counselling and germline mutation testing in women with suspected Hereditary Breast and Ovarian Cancer Syndrome and Lynch syndrome.

Shaw J, Bulsara C, Cohen PA et al.

Patient Education and Counseling. Volume 101, Issue 5, May 2018, Pages 938-944 doi:10.1016/j.pec.2017.12.011

Activity Behaviors and Physiological Characteristics of Women With Advanced-Stage Ovarian Cancer: A Preliminary Cross-sectional Investigation.

Schofield C, Newton RU, Cohen PA, Galvão DA, McVeigh JA, Hart NH, Mohan GR, Tan J, Salfinger SG, Straker LM, Peddle-McIntyre CJ.

Int J Gynecol Cancer. 2018 Mar;28(3):604-613. doi: 10.1097/IGC.0000000000001197. PMID 29369120

Health-related quality of life and pelvic floor dysfunction in advanced-stage ovarian cancer survivors: associations with objective activity behaviors and physiological characteristics.

Schofield C, Newton RU, Cohen PA, Galvão DA, McVeigh JA, Mohan GR, Tan J, Salfinger SG, Straker LM, Peddle-McIntyre CJ.

Support Care Cancer. 2018 Jul;26(7):2239-2246. doi: 10.1007/s00520-018-4069-5. Epub 2018 Feb 1. PMID: 29392481

Click links above to navigate to topics.

PREVIOUS

NEXT



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

GYNAECOLOGICAL CANCER RESEARCH GROUP

Continued

A Physiological Profile of Ovarian Cancer Survivors to Inform Tailored Exercise Interventions and the Development of Exercise Oncology Guidelines.

Schofield C, Newton RU, Galvão DA, Cohen PA, Peddle-McIntyre CJ.

Int J Gynecol Cancer. 2017 Sep;27(7):1560-1567. doi: 10.1097/IGC.0000000000001044. Review. PMID: 29036032

Sensitive droplet digital PCR method for detection of TERT promoter mutations in cell free DNA from patients with metastatic melanoma.

McEvoy AC, Calapre L, Pereira MR, Giardina T, Robinson C, Khattak MA, Meniawy TM, Pritchard AL, Hayward NK, Amanuel B, Millward M, Ziman M, Gray ES.

Oncotarget. 2017 Aug 18;8(45):78890-78900. doi: 10.18632/oncotarget.20354. eCollection 2017 Oct 3. PMID: 29108273

Excisional treatment in women with cervical adenocarcinoma in situ (AIS): a prospective randomised controlled non-inferiority trial to compare AIS persistence/recurrence after loop electrosurgical excision procedure with cold knife cone biopsy: protocol for a pilot study.

Cohen PA, Brand A, Sykes P, Wrede DCH, McNally O, Eva L, Rao A, Champion M, Stockler M, Powell A, Codde J, Bulsara MK, Anderson L, Leung Y, Farrell L, Stoyles P.

BMJ Open. 2017 Aug 28;7(8):e017576. doi: 10.1136/bmjopen-2017-017576. PMID: 28851799

Sexual Function and the Information Needs of Women after Risk-Reducing Salpingo-Oophorectomy

John, St & E Tucker, Paige & Jewell, Thomas & Bulsara, Max & Tan, Jason & Salfinger, Stuart & Rka, Ganendra & Green, Helena & Cohen, Paul.

JSM Sexual Medicine (2017) 2. 1011.

1182PA first-in-human study of a novel monoclonal antibody INCSHR01210 directed against programmed cell death protein 1 (PD-1) in patients with advanced or metastatic cancer

J. Lickliter, H. Gan, B. Gao, P. Grimison, J. Zou, H. Kallender, K. Sun, X. Chen, A. Behren, P. Fernandez-Penas, A. Nagrial, M. Voskoboynik, K. Woods, M. Millward, T. Meniawy

Annals of Oncology, Volume 28, Issue suppl_5, 1 September 2017, mdx376.047, https://doi.org/10.1093/annonc/mdx376.047

Outcomes in women undergoing robotic-assisted laparoscopic hysterectomy compared to conventional laparoscopic hysterectomy at a tertiary hospital in Western Australia.

Rajadurai VA, Tan J, Salfinger SG, Cohen PA.

Aust N Z J Obstet Gynaecol. 2018 Aug;58(4):443-448. doi: 10.1111/ajo.12749. Epub 2017 Nov 23. PMID: 29168558

Advanced Training of Gynecologic Surgeons and Incidence of Intra-Operative Complications Following Total Laparoscopic Hysterectomy: a Retrospective Study of More Than Two Thousand Cases at a Single Institution.

McDonnell RM, Hollingworth JL, Chivers P, Cohen PA, Salfinger SG.

J Minim Invasive Gynecol. 2018 Jul - Aug;25(5):810-815. doi: 10.1016/j.jmig.2017.12.005. Epub 2017 Dec 15. PMID: 29253636

GYNAECOLOGICAL CANCER RESEARCH GROUP

Continued

Do Groin Drains Reduce Postoperative Morbidity in Women Undergoing Inguinofemoral Lymphadenectomy for Vulvar Cancer?

Pontre J, Harding J, Chivers P, Loughlin L, Leung Y, Salfinger SG, Tan J, Mohan GR, Cohen PA.

Int J Gynecol Cancer. 2018 Jan;28(1):183-187. doi: 10.1097/IGC.0000000000001146. PMID: 29252926

Reply to S.C. Adams et al, C. Lopez et al, and R.U. Newton et al

Hardcastle SJ, Cohen PA.

J Clin Oncol. 2018 Mar 20;36(9):928-930. doi: 10.1200/JCO.2017.76.8218. Epub 2018 Jan 26. No abstract available. PMID: 29373095

Increasing physical activity in cancer survivors at cardiovascular risk using Fitbits: Randomized controlled trial.

Maxwell-Smith CM, Cohen P, Platel C, Tan P, Tan J, Salama P, Levitt M, Makin GB, Salfinger S, Ganendra RKM, Kane R, Hince D, and Hardcastle SJ

Journal of Clinical Oncology 2018 36:7_suppl, 93-93

Wearable Activity Technology And Action-Planning (WATAAP) to promote physical activity in cancer survivors: Randomised controlled trial protocol

Maxwell-Smith C, Cohen PA, Platell C, Tan P, Levitt, M, Salama P, Makin GR, Tan J, Salfinger S, Ganendra RKM, et al International Journal of Clinical and Health Psychology, doi:10.1016/j.ijchp.2018.03.003

Knowledge, attitudes, and practice of oncologists and oncology health care providers in promoting physical activity to cancer survivors: an international survey.

Hardcastle SJ, Kane R, Chivers P, Hince D, Dean A, Higgs D, Cohen PA.

Support Care Cancer. 2018 May 8. doi: 10.1007/s00520-018-4230-1. [Epub ahead of print] PMID: 29740694

Ipilimumab- and nivolumab-associated enterocolitis with florid necrotising granulomatous inflammation: a novel manifestation of 'immunomodulatory' enterocolitis.

Paton DJW, Warburton L, Chung K, Meniawy TM, M. Priyanthi Kumarasinghe

Pathology. 2018 doi:10.1016/j.pathol.2017.11.094

INFLAMMATORY BOWEL DISEASE RESEARCH UNIT

Emu Oil Improves Clinical Indicators of Disease in a Mouse Model of Colitis-Associated Colorectal Cancer.

Chartier LC, Howarth GS, Lawrance IC, Trinder D, Barker SJ, Mashtoub S.

Dig Dis Sci. 2018 Jan;63(1):135-145. doi: 10.1007/s10620-017-4876-4. Epub 2017 Dec 6. PMID: 29214422

Fine-mapping inflammatory bowel disease loci to single variant resolution.

Huang H, Fang M, Jostins L, Umičević Mirkov M, Boucher G, Anderson CA, Andersen V, Cleyne I, Cortes A, Crins F, D'Amato M, Deffontaine V, Dmitrieva J, Docampo E, Elansary M, Farh KK, Franke A, Gori AS, Goyette P, Halfvarson J, Haritunians T, Knight J, Lawrance IC, et al Nature. 2017 Jul 13;547(7662):173-178. doi: 10.1038/nature22969. Epub 2017 Jun 28. PMID: 28658209

Click links above to navigate to topics.

PREVIOUS

NEXT



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

INFLAMMATORY BOWEL DISEASE RESEARCH UNIT

Continued

Performance of risk prediction for inflammatory bowel disease based on genotyping platform and genomic risk score method.

Chen GB, Lee SH, Montgomery GW, Wray NR, Visscher PM, Geary RB, Lawrance IC, Andrews JM, Bampton P, Mahy G, Bell S, Walsh A, Connor S, Sparrow M, Bowdler LM, Simms LA, Krishnaprasad K; International IBD Genetics Consortium, Radford-Smith GL, Moser G.

BMC Med Genet. 2017 Aug 29;18(1):94. doi: 10.1186/s12881-017-0451-2. PMID: 28851283

A multi-centre double blind randomised placebo-controlled study of the use of rectal tacrolimus in the treatment of resistant ulcerative proctitis.

IC Lawrance, A Baird, D Lightowler, G Radford-Smith, JM Andrews, S Connor. Journal of Crohn's and Colitis, Volume 11, Issue suppl_1, 1 February 2017, Pages S4–S5, doi.org/10.1093/ecco-jcc/jjx002.006

Dysplasia and Colorectal Cancer Surveillance in inflammatory bowel disease.

Pulusu SSR, Lawrance IC.

Expert Rev Gastroenterol Hepatol. 2017 Aug;11(8):711-722. doi: 10.1080/17474124.2017.1327347. Epub 2017 May 16. Review. PMID: 28475382

Infliximab vs. adalimumab in Crohn's disease: results from 327 patients in an Australian and New Zealand observational cohort study.

Doecke JD, Hartnell F, Bampton P, Bell S, Mahy G, Grover Z, Lewindon P, Jones LV, Sewell K, Krishnaprasad K, Prosser R, Marr D, Fischer J, R Thomas G, Tehan JV, Ding NS, Cooke SE, Moss K, Sechi A, De Cruz P, Grafton R, Connor SJ, Lawrance IC, Geary RB, Andrews JM, Radford-Smith GL; Australian and New Zealand Inflammatory Bowel Disease Consortium.

Aliment Pharmacol Ther. 2017 Feb;45(4):542-552. doi: 10.1111/apt.13880. Epub 2016 Dec 19. PMID: 27995633

Serological Antibodies in Relation to outcome in post-operative Crohn's disease.

Hamilton AL, Kamm MA, De Cruz P, Wright EK, Selvaraj F, Princen F, Gorelik A, Liew D, Lawrance IC, Andrews JM, Bampton PA, Sparrow MP, Florin TH, Gibson PR, Debinski H, Geary RB, Macrae FA, Leong RW, Kronborg I, Radford-Smith G, Selby W, Bell SJ, Brown SJ, Connell WR.

J Gastroenterol Hepatol. 2017 Jun;32(6):1195-1203. doi: 10.1111/jgh.13677. PMID: 27976801

INTENSIVE CARE UNIT RESEARCH GROUP

Adverse outcomes after planned surgery with anticipated intensive care admission in out-of-office-hours time periods: a multicentre cohort study'.

Morgan DJ, Ho KM, Kolybaba ML, Ong YJ; ANZICS Centre for Outcome and Resource Evaluation.

Br J Anaesth. 2018 Jun;120(6):1420-1428. doi: 10.1016/j.bja.2018.02.063. Epub 2018 Apr 13. PMID: 29793607

Prevention is better than cure, but both require high quality evidence.

Webb SA, Litton E.

Lancet. 2017 Feb 4;389(10068):572. doi: 10.1016/S0140-6736(16)32406-0. No abstract available. PMID: 28170336

Investigating the application of motion accelerometers as a sleep monitoring technique and the clinical burden of the intensive care environment on sleep quality: study protocol for a prospective observational study in Australia.

Delaney LJ, Currie MJ, Huang HC, Litton E.

BMJ Open 2018;8:e019704. doi: 10.1136/bmjopen-2017-019704

Perioperative Temperature Management During Burn Care.

Owen K, Litton E, Raby E, Wood F.

Journal of Burn Care & Research, Volume 39, Issue 1, 1 January 2018, Pages 172 doi.org/10.1097/BCR.0000000000000562

Peri-operative correction of non-anaemic iron deficiency.

Miles LF, Story DA, Litton E.

Anaesthesia. 2017 Jul;72(7):910-911. doi: 10.1111/anae.13918. PMID: 28608383

Intravenous Iron Therapy in Patients Undergoing Cardiovascular Surgery: A Narrative Review.

Lim J, Miles L, Litton E.

J Cardiothorac Vasc Anesth 2017. doi: 10.1053/j.jvca.2017.11.005

The nocturnal acoustical intensity of the intensive care environment: an observational study.

Delaney LJ, Currie MJ, Huang HC, Lopez V, Litton E, Van Haren F.

Journal of Intensive Care 2017 5:41 doi.org/10.1186/s40560-017-0237-9

Cardiac Surgery and the Low Hanging Fruit of Perioperative Nutritional Interventions.

Litton, E., Ridley, E. J., & Delaney, A.

2018 Journal of Cardiothoracic and Vascular Anesthesia, 32(3), 1254-1255.

DOI: 10.1053/j.jvca.2017.12.045

Preventing Delirium in the Intensive Care Unit.

Delaney A, Hammond N, Litton E.

JAMA 2018 Feb 20;319(7):659-660. DOI: 10.1001/jama.2018.0159. PubMed PMID: 29466573.

Intravenous Iron Therapy in Patients Undergoing Cardiovascular Surgery: A Narrative Review.

Lim J, Miles L, Litton E. J.

Journal of Cardiothoracic and Vascular Anesthesia 2018;32:1439-51. DOI: 10.1053/j.jvca.2017.11.005

Out-of-office hours' elective surgical intensive care admissions and their associated complications.

Morgan DJR, Ho KM, Ong YJ, Kolybaba ML.

ANZ J Surg. 2017 Nov;87(11):886-892. DOI: 10.1111/ans.14027. Epub 2017 Jun 12.

PMID: 28608513

Quality sleep using earplugs in the intensive care unit: the QUIET pilot randomised controlled trial.

Litton E, Elliott R, Ferrier J, Webb SAR.

Crit Care Resusc.2017 Jun;19(2) :128-133. PubMed PMID: 28651508.



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

Click links above to navigate to topics.

PREVIOUS

NEXT

Primary prevention in the intensive care unit: a prospective single-centre study of the risk factors for invasive pneumococcal disease.

Chapman AR, Litton EL.

Anaesth Intensive Care. 2017 Jul;45(4):448-452. PMID: 28673213

Using Clinically Accessible Tools to Measure Sound Levels and Sleep Disruption in the ICU: A Prospective Multicenter Observational Study.

Litton E, Elliott R, Thompson K, Watts N, Seppelt I, Webb SAR.

ANZICS Clinical Trials Group and The George Institute for Global Health. Crit Care Med. 2017 Jun;45(6):966-971. DOI: 10.1097/CCM.0000000000002405. PubMed PMID: 28362644.

Predicting Intensive Care Unit Length of Stay After Cardiac Surgery.

Litton E, McCann M, van Haren F. J

Cardiothorac Vasc Anesth. 2018 Apr 6. pii: S1053-0770 (18) 30237-4. DOI: 10.1053/j.jvca.2018.04.010. [Epub ahead of print] PubMed PMID: 29752055.

Prevention is better than cure, but both require high quality evidence

Webb, SAR, Litton, E

Lancet 2017; 389: 572

NEONATAL RESEARCH GROUP

Wastage of standardized parenteral nutrition solution - a challenge for neonatal units.

Deshmukh M, Grzejszczyk J, Mehta S, Patole S.

J Matern Fetal Neonatal Med. 2018 Apr 1:1-4. doi: 10.1080/14767058.2018.1455088. [Epub ahead of print] PMID: 29606021

Antenatal corticosteroids in impending preterm deliveries before 25 weeks' gestation.

Deshmukh M, Patole S

Archives of Disease in Childhood - Fetal and Neonatal Edition (2017). doi: 10.1136/archdischild-2017-313840

Antenatal corticosteroids for neonates born before 25 Weeks - A systematic review and meta-analysis.

Deshmukh M, Patole S.

PLoS One. 2017 May 9;12(5):e0176090. doi: 10.1371/journal.pone.0176090. eCollection 2017 PMID: 28486556

Probiotics for the management of neonatal hyperbilirubinemia: a systematic review of randomized controlled trials.

Deshmukh J, Deshmukh M, Patole S.

J Matern Fetal Neonatal Med. 2019 Jan;32(1):154-163. doi: 10.1080/14767058.2017.1369520. Epub 2017 Aug 31. PMID: 28823200

Strategies for managing transient tachypnoea of the newborn - a systematic review.

Buchiboyina A, Jasani B, Deshmukh M, Patole S.

J Matern Fetal Neonatal Med. 2017 Jul;30(13):1524-1532. doi: 10.1080/14767058.2016.1193143. Epub 2016 Oct 20. PMID: 27762156

NEUROSURGERY RESEARCH GROUP

Strategies for medical management of pediatric eosinophilic esophagitis - a systematic review.

Chawla N, Deshmukh M, Sharma A, Patole S.

J Pediatr Gastroenterol Nutr. 2016 Dec;63(6):e152-e157. PMID: 27306106

Meconium evacuation for facilitating feed tolerance in preterm neonates: a systematic review and meta-analysis.

Deshmukh M, Balasubramanian H, Patole S.

Neonatology. 2016;110(1):55-65. doi: 10.1159/000444075. Epub 2016 Apr 7 PMID: 27050644

Holographic Spinal Scan Projection through Microsoft HoloLens'

Voon PW, Wan Kg, Lee GYF, Cui L

IJCEE 2018 Vol.10(4): 274-283 ISSN: 1793-8163

doi:10.17706/IJCEE.2018.10.4.274-283

NURSING AND MIDWIFERY RESEARCH PROGRAM

Timing and mode of breast care nurse consultation from the patient's perspective.

Brown J, Refeld G, Cooper A.

Oncol Nurs Forum. 2018 May 1;45(3):389-398. doi: 10.1188/18.ONF.389-398. PMID: 29683115

Maximising nurses' and midwives' response rates to surveys.

Cooper AL, Brown J.

Nurse Res. 2017 Dec 18;25(3):31-35. doi: 10.7748/nr.2017.e1494. PMID: 29251446

Journal clubs: Engaging clinical nurses and midwives in research.

Cooper AL, Brown JA.

J Contin Educ Nurs. 2018 Mar 1;49(3):141-144. doi: 10.3928/00220124-20180219-09. PMID: 29498402

Exploring patient experience and understanding of Chlorhexidine Gluconate preoperative washes: A cross-sectional survey.

Cooper, A. L., Brown, J. A., Salathiel, J., Gollner, S., Childs, F., Boucher, E., Morris, D., Riggall-Southworth, B., Balinski, L., Riches, K., Dennis, T., Timmings, F.

Infection, Disease & Health. 2017 Mar doi:10.1016/j.idh.2017.02.002

Exploring the patient experience of living with a peripherally inserted central catheter (PICC): A pilot study.

Cooper, A. L., Kelly, C. M., & Brown, J. A.

The Australian Journal of Cancer Nursing 18, 2017 June, 10 - 14.

The prevalence of peripheral intravenous cannulae and pattern of use: A point prevalence in a private hospital setting .

Wong K, Cooper A, Brown J, Boyd L, Levinson M.

J Clin Nurs. 2018 Jan;27(1-2):e363-e367. doi: 10.1111/jocn.13961. Epub 2017 Dec 6. PMID: 28699240



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

ONCOLOGY SERVICES

Use of gemcitabine and nab-paclitaxel as a third-line treatment following failure of first-line gemcitabine for advanced pancreatic adenocarcinoma.

Dean A, Das A, McNulty M, Gordon M

Annals of Oncology, Volume 29, Issue suppl_5, 1 June 2018, mdy151.146,

P-133 The use of NLR, PLR and CA19.9 as prognostic markers for locally advanced pancreatic cancer.

Dean, A., Higgs D, Das A, Fennessy S, Rogers-Seeley M, McGarvey C, and McNulty M.

Annals of Oncology, Volume 29, Issue suppl_5, 1 June 2018, mdy151.132,

Prognostic value of baseline biliary stents on outcomes in patients with metastatic pancreatic ductal adenocarcinoma (mPDAC) in the NAPOLI-1 trial.

Lakatos, G., Lee K, Siveke K, Blanc J, Macarulla TM, Dean A, Bodoky G et al

Annals of Oncology 2018 29, no. suppl_5 (2018): mdy151-150.

Correlation of neutrophil lymphocyte ratio, platelet lymphocyte ratio and rate of change of CA 19.9 in predicting outcome for metastatic pancreatic cancer.

Dean A., Higgs A, Das A, Rogers-Seeley M, Fennessy S, McGarvey C, and McNulty M.

Annals of Oncology 2018 29, no. suppl_5 (2018): mdy151-157.

Rucaparib maintenance treatment for recurrent ovarian carcinoma after response to platinum therapy (ARIEL3): a randomised, double-blind, placebo-controlled, phase 3 trial.

Coleman RL, Oza AM, Lorusso D, Aghajanian C, Oaknin A, Dean A, Colombo N, Weberpals JI, Clamp A, Scambia G, Leary A, Holloway RW, Gancedo MA, Fong PC, Goh JC, O'Malley DM, Armstrong DK, Garcia-Donas J, Swisher EM, Floquet A, Konecny GE, McNeish IA, Scott CL, Cameron T, Maloney L, Isaacson J, Goble S, Grace C, Harding TC, Raponi M, Sun J, Lin KK, Giordano H, Ledermann JA; ARIEL3 investigators.

Lancet. 2017 Oct 28;390(10106):1949-1961. doi: 10.1016/S0140-6736(17)32440-6. Epub 2017 Sep 12. PMID:28916367

Subgroup analysis by baseline pain intensity (BPI) and analgesic use (BAU) in NAPOLI-1: A phase III study of liposomal irinotecan (nal IRI)±5-fluorouracil/leucovorin (5-FU/LV) in patients (pts) with metastatic pancreatic ductal adenocarcinoma (mPDAC) previously treated with gemcitabine-based therapy.

Macarulla TM, Siveke JT, Dean A, Hubner R, Blanc JF, Cunningham D, Chen LT, Mirakhur B, Chen J, de Jong FA, and Wang-Gillam A

Journal of Clinical Oncology 2018 36:4_suppl, 379-379

Abstract A084: DENALI: a 3-arm double-blind randomized phase 2 study of carboplatin, pemetrexed, and placebo (CPP) versus carboplatin, pemetrexed, and either 1 or 2 truncated courses of demcizumab (CPD) in patients with non-squamous non-small cell lung cancer (NSCLC).

Hughes B, Dean A, Markman B, Dreisbach L, Provencio M, Ciuffreda L, Dear R et al.

Molecular Cancer Therapeutics January 1 2018 (17) (1 Supplement) A084

Evaluation of rucaparib in platinum-sensitive recurrent ovarian carcinoma (rOC) in patients (pts) with or without residual bulky disease at baseline in the ARIEL3 study.

Aghajanian C, Coleman RL, Oza AM, Lorusso D, Oaknin A, Dean A, Colombo N, Weberpals JI, Clamp AR, Scambia G, Leary A, Holloway RW, Fong PCC, Goh JC, O'Malley DM, Banerjee SN, Wride K, Cameron T, and Ledermann JA

Journal of Clinical Oncology 2018 36:15_suppl, 5537-5537

ONCOLOGY SERVICES

Continued

Use of FDG PET scanning to evaluate 5-FU myocardial toxicity as a global metabolic effect rather than vascular spasm.

Dean A, Higgs D, Robins P, Stobie P, Craven P, Daly C, and Carija S.

Journal of Clinical Oncology 2018 36:4_suppl, 792-792

Knowledge, attitudes, and practice of oncologists and oncology health care providers in promoting physical activity to cancer survivors: an international survey.

Hardcastle SJ, Kane R, Chivers P, Hince D, Dean A, Higgs D, Cohen PA.

Support Care Cancer. 2018 May 8. doi: 10.1007/s00520-018-4230-1. [Epub ahead of print] PMID: 29740694

Exploratory analysis of percentage of genomic loss of heterozygosity (LOH) in patients with platinum-sensitive recurrent ovarian carcinoma (rOC) in ARIEL3.

Oaknin A, Ledermann JA, Oza AM, Lorusso D, Aghajanian C, Dean A, Colombo N, Weberpals JI, Clamp AR, Scambia G, Leary A, Holloway RW, O'Malley DM, McNeish IA, Swisher EM, Cameron T, Goble S, Sun J, Lin KK, and Coleman RL.

Journal of Clinical Oncology 2018 36:15_suppl, 5545-5545

A phase 1/2, open-label dose-escalation study of liposomal irinotecan (nal-IRI) plus 5-fluorouracil/leucovorin (5-FU/LV) and oxaliplatin (OX) in patients with previously untreated metastatic pancreatic cancer (mPAC).

Dean A, Wainberg ZA, Ramanathan RK, Boland PM, Mody K, Zhang B, Belanger B, de Jong FA, and Braun S.

Journal of Clinical Oncology 2018 36:15_suppl, 4111-4111

Prognostic effect of primary tumor location in the NAPOLI-1 phase 3 study in metastatic pancreatic ductal adenocarcinoma (mPDAC).

Macarulla TM, Wang-Gillam A, Chen L, Blanc J, Lee K, Bodoky G, Dean A et al

Annals of Oncology, Volume 29, Issue suppl_5, 1 June 2018, mdy151.149,

The effect of best response to prior anticancer therapy on efficacy outcomes in the NAPOLI-1 trial of patients with metastatic pancreatic ductal adenocarcinoma (mPDAC) previously treated with gemcitabine-based therapy

Macarulla TM, Wang-Gillam A, Chen L, Blanc J, Lee K, Bodoky G, Dean A et al

Annals of Oncology 2018 29, no. suppl_5 (2018): mdy151-151.



OVERVIEW

CEO Welcome

Our Hospital

Our Research

St John of God Foundation

Our Supporters

Our Team

Our Ethics

RESEARCH AREAS

Allied Health Research Program

Anaesthesia and Pain Research Unit

Breast Cancer Research Unit

Cardiology Research Group

Colorectal Cancer Research Group

Collaborators' Report

Gynaecological Cancer Research Group

Inflammatory Bowel Disease Research Unit

Intensive Care Unit Research Group

Neonatal Research Group

Neurosurgery Research Group

Nursing and Midwifery Research Program

Oncology Clinical Trials Unit

Oncology Services

Orthopaedic Surgery Research Group

WA Thoracic Research Group

PUBLICATIONS

2017/18 Publications

ORTHOPAEDIC SURGERY RESEARCH GROUP

Tibial Tray Rotation to the Medial Border of the Patellar Tendon Improves Balance and Contact Pressures in Total Knee Arthroplasty.

GW Clark

A Bibliometric Analysis of Robotic Assisted Hip and Knee Arthroplasty

D Misso, JC Kelly, D Collopy, GW Clark

AOA

Robotically Assisted Total Knee Arthroplasty. Alignment Analysis and Bony Correction in 237 Varus Knees

GW Clark

Robotic Arm Assisted Total Knee Arthroplasty -A comparative CUSUM analysis of the Learning Curve in surgeons with previous experience in Conventional and Navigational TKA

Gavin Clark, John C Kelly, Niall Compton, Dermot Michael Collopy

Patient Perceptions of Robotically assisted Hip and Knee Arthroplasty

John C Kelly, Kieran Bochat, Dermot Michael Collopy, Gavin Clark

Do Total Knee Arthroplasty Surgical Instruments Influence Clinical Outcomes?: A Prospective Parallel Study of 150 Patients

James E. Nevelos, Manoshi Bhowmik-Stoker, Beth Tippett, Gavin Clark

Repeated PRP injections after arthroscopic supraspinatus repair provided no additional benefit.

Wang, AW.

Orthopedics Today, 23.12.2017

Progressive Scholarly Acceptance (PSA) Analysis of Global Trends in Robotic Orthopaedic Research: A New Innovation Assessment Metric for use in Orthopaedic Bibliometric Research

Cundy TP, Harley SJD, Marcus HJ, Hughes-Hallett A, Khurana S.

J Robot Surg. 2018 Mar; 12(1):109-115. doi: 10.1007/s11701-017-0703-3. Epub 2017 Apr 28. Review. PMID:28455800

Stable migration of peri-apatite-coated uncemented tibial components in a multicentre study

Dunbar MJ, Laende EK, Collopy D, Richardson CG.

Bone Joint J. 2017 Dec; 99-B(12):1596-1602. doi: 10.1302/0301-620X.99B12.BJJ-2016-1118.R2. PMID:29212682

3D uniaxial mechanical stimulation induces tenogenic differentiation of tendon-derived stem cells through a PI3K/AKT signaling pathway.

Wang T, Thien C, Wang C, Ni M, Gao J, Wang A, Jiang Q, Tuan RS, Zheng Q, Zheng MH.

FASEB J. 2018 Sep;32(9):4804-4814. doi: 10.1096/fj.201701384R. Epub 2018 Mar 29. PMID:29596022

In vitro loading models for tendon mechanobiology.

Wang T, Chen P, Zheng M, Wang A, Lloyd D, Leys T, Zheng Q, Zheng MH.

J Orthop Res. 2018 Feb; 36(2):566-575. doi: 10.1002/jor.23752. Epub 2017 Nov 2. Review. PMID:28960468

ORTHOPAEDIC SURGERY RESEARCH GROUP

Continued

Subacromial shoulder pain: study finds limited benefits from surgery.

Wang, A W, Nogrady, B .

Medicine Today, Vol. 19, No. 1, 01.2018, p. 9-10.

A midterm evaluation of postoperative platelet-rich plasma injections on arthroscopic supraspinatus repair: a randomized controlled trial.

Ebert JR, Wang A, Smith A, Nairn R, Breidahl W, Zheng MH, Ackland T.

Am J Sports Med. 2017 Nov; 45(13):2965-2974. doi: 10.1177/0363546517719048. Epub 2017 Aug 14. PMID: 28806095

High-resolution study of the 3D collagen fibrillary matrix of Achilles tendons without tissue labelling and dehydrating.

Wu JP, Swift BJ, Becker T, Squelch A, Wang A, Zheng YC, Zhao X, Xu J, Xue W, Zheng M, Lloyd D, Kirk TB.

J Microsc. 2017 Jun; 266(3):273-287. doi: 10.1111/jmi.12537. Epub 2017 Mar 2. PMID: 28252807

Three dimensional microstructural network of elastin, collagen, and cells in Achilles tendons.

Pang X, Wu JP, Allison GT, Xu J, Rubenson J, Zheng MH, Lloyd DG, Gardiner B, Wang A, Kirk TB.

J Orthop Res. 2017 Jun; 35(6):1203-1214. doi: 10.1002/jor.23240. Epub 2017 May 2. PMID: 27002477

A Systematic Review of EMG Studies in Normal Shoulders to Inform Postoperative Rehabilitation Following Rotator Cuff Repair.

Edwards P, Ebert J, Littlewood, C, Ackland, T, Wang, A.

Journal of Orthopaedic & Sports Physical Therapy, 2017 Volume: 47 Issue:12 Pages:931–944 DOI: 10.2519/jospt.2017.7271

AKT activation by uni-axial mechanical stimulation is essential for repair of micro damages in tendon during daily activities.

Zheng, M H, Wang, A W.

Journal of Science and Medicine in Sport, Vol. 20, No. suppl 3, 2017, p. 39. DOI: 0.1016/j.jsams.2017.09.271

WA THORACIC RESEARCH GROUP

Inferior vena cava filters (IVCFs): a review of uses and application to international guidelines at a single Australian center; implications of venous thromboembolism associated with malignancy.

Craven, P., Daly, C., Oates, R., Sikotra, N., Clay, T., & Gabbay, E.

(2018) Pulmonary Circulation, 8(2), 2045894018776505.

Effect of pneumocystis jirovecii pneumonia (PJP) on morbidity and mortality in oncology patients: A single centre experience.

Timothy Dudley Clay, Ciara Daly, Philip Craven, Nisha Sikotra, Sowmya Cheruvu, Eli Gabbay, and Astrid Arellano

Journal of Clinical Oncology 2018 36:15_suppl, e22088-e22088.

Click links above to navigate to topics.

PREVIOUS

NEXT