

Spring Newsletter



**CONCORD INSTITUTE
OF ACADEMIC SURGERY**

In This Issue

Our mission is to promote Concord Hospital as an academic center of surgical excellence in clinical care, education and research.

Introducing the latest news and updates, including achievements of our team of skilled surgeons and their work. Continue reading for the latest information on updates on upcoming workshops and events.

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New CIAS Co-Chair

**PROFESSOR LEWIS
CHAN**



**CONCORD INSTITUTE
OF ACADEMIC SURGERY**



We are excited to welcome our new Concord Institute of Academic Surgery Co-Chair, Professor Lewis Chan!

Professor Lewis Chan is Head of Urology at Concord Repatriation General Hospital, a Clinical Professor of Surgery at University of Sydney and long-time Clinical Lead of the CIAS.

He has an active role in clinical research particularly bladder dysfunction with ageing and is a urology investigator for the Concord Health and Ageing in Men (CHAMP) Project.

We are looking forward to working with Lewis in the CIAS as he undertakes his new role as Co-Chair.

Past Events

Sip-Til-Send

**A HOSPITAL WIDE
CHANGE IN
PERIOPERATIVE FLUID
FASTING**



On the 12th of August Concord Hospital introduced an updated perioperative fasting policy called Sip-Til-Send.

The policy has been aimed at improving patient care at Concord Hospital.

The rollout of the program was a multi-disciplinary approach, based out of the CIAS, lead by Dr Amy Lawrence and A/Prof Sarah Aitken, among other medical, nursing, allied health and administrative representatives.

Congratulations to this team for the hard work and dedication to improving patient outcomes.



Sania Wai Ki Tsui (Orthopaedic Clinical Nurse Consultant & Sip-Til-Send project lead) with a Sip-Til-Send patient

Past Events

Sip-Til-Send

PRE-SURGERY FASTING PATIENT WORKSHOP



The Perioperative Clinical Academic Group organized a Sip Til Send Patient Workshop to educate and receive feedback from patients.

The feedback received from patients assisted in the development of educational material for clinical staff as well as guiding the design of educational material for patients.



Professor Warwick Bruce



Professor Warwick Bruce has been associated with Concord Hospital the entirety of his surgical career. He has been a prolific researcher, clinical as well as laboratory studies, with extensive publication and presentation history.

Prior to his appointment at Concord, he trained at RPA as a medical student at Sydney University, and as a JMO, and the SLHD has recognised his 40 year involvement. He was appointed as Clinical Professor, Concord and Sydney University in 2007.

Professor Bruce was continuously involved with teaching of medical students, JMO's and allied health while at Concord. He has been active in including younger members of the training and medical teams in his research projects, which have been extensive.

During his career, he had continuous international exposure, typically presenting his research or scientific presentations on the world stage, always with his Concord affiliation on his slides, as this was his home base, and was important to him. He also organised and hosted many local meetings, and been involved in Australian Orthopaedic and specialty arthroplasty associations, including as a founding member of the Australian Arthroplasty Society.

The quality of the clinical orthopaedic team at Concord is largely of his making, due to his influence over his many years of service. He continues to participate in our clinical meetings, providing us the benefit of his vast expertise and experience, since his recent appointment as Emeritus Professor. Professor Bruce is a caring and exceptionally talented orthopaedic surgeon and researcher who leaves both a legacy of grateful patients and countless orthopaedic surgeons who were fortunate enough to have their careers positively influenced by his teachings and exhaustive passion for research.

Bernard Zicat

Orthopaedic HOD
Concord Hospital

Education Update



Concord Urodynamics and Pelvic Floor Ultrasound Workshop

**24TH & 25TH AUGUST
2024**

Concord Institute of Academic Surgery along with our Urology Department held its inaugural Urodynamic and Pelvic Floor Ultrasound Workshop endorsed by the Urological Society, RANZCOG CPD approved activity, ICS endorsed and USYD. Faculty members from Concord, Westmead and Prince of Wales Hospitals included: Prof Lewis Chan, A/Prof Vincent Tse, Dr Jennifer King, Dr Stephanie The, Dr Tom Jarvis, Dr Audrey Wang and Ms Karina So.

The Urodynamics Course provided a 2-day structured program in practical urodynamics for clinicians who are starting to perform urodynamics or wish to have an in-depth refresher course about urodynamics.

The course feedback was highly successful and educational with participant attendance international and national. Watch this space, as we will host our second course mid 2025.

[Please click the link to view a video summary of the workshop.](#)

Education Update



The workshops covered a range of topics including essential practices in the operating room, patient positioning, the use of diathermy, timeout procedures and the implementation of SCDs. There was also demonstrations for VAC dressings and wound management, as well as practical hands on training in basic and advanced suturing techniques.

Surgical Skills Workshops

SEPTEMBER - OCTOBER 2024

4 Surgical Skills Workshops for DiTs organised by the CIAS in conjunction with Dr Ranah Lim (Clinical Surgical Superintendent)

Award Feature

DR JOE DUSSELDORP

I am pleased to inform my Concord Institute of Academic Surgery colleagues that I have recently been awarded my PhD from the University of Sydney for my thesis entitled: "Objective Assessment of Successful Smile Reanimation: A Multi-Modal Approach". The aim of the thesis was to develop novel techniques enabling a multi-modal approach to objectively quantify the success of smile reanimation surgery to restore normal smiles to facial palsy patients. Most interestingly, I was able to use an Artificial Intelligence (AI) tool to automatically quantify the ability of smile reanimation techniques to restore successful spontaneous smiling, the most elusive attribute of a normal smile. The thesis was a culmination of work I commenced during my fellowship in 2017 at the Massachusetts Eye and Ear Infirmary (MEEI), Harvard University in Boston, USA. It is a pleasure to still have close ties to the Facial Nerve Centre at MEEI and to have recently established collaborative research agreement between University of Sydney and Harvard so that we may continue our research together. I am indebted to the Royal Australasian College of Surgeons for the scholarships I received during my PhD, including the Herbert and Gloria Kees Scholarship and the Foundation for Surgery Research Grant, and to the Commonwealth Research Training Program for support during my candidacy. I would also like to thank my supervisors, Prof Peter Maitz and Prof Pierre Chapuis from Concord Hospital, and Dr Tessa Hadlock from MEEI.

PHD Award

*Objective
Assessment of
Successful Smile
Reanimation:
A Multi-
Modal
Approach*



Upcoming Events

CIAS Point of Care Ultrasound Workshop

16TH & 30TH OCTOBER 2024

13TH NOVEMBER 2024

The Concord Institute of Academic Surgery (CIAS) welcome expressions of interest for our Point of Care / Hands On Ultrasound Workshop. The workshops will consist of 3 x 1-hour sessions to be held at **1pm on the 16th and 30th October 2024 & 13th November 2024**. The sessions will be led by Professor Lewis Chan and will be held in the Urology Department, CRGH.

Current registration is open to Unaccredited Trainees, Surgical SRMOs and PGY2. Places are limited and priority will be given to UTs and Surgical SRMOs. Please click the [link](#) to register your interest by Monday 14th October 2024.



Upcoming Events

Our Perioperative Care Clinical Academic Group, along with Sydney Health Partners and The University of Sydney is hosting a Translational Research Symposium on the 24 October 2024 at USYD Camperdown with guest key note speaker Prof Jugdeep Dhesi, President of the British Geriatric Society and Dr Jillian Eyles, Physiotherapy. For those interested, please register with the QR code below.

Translational Research Symposium

24TH OCTOBER 2024

Speakers



Prof. Jugdeep Dhesi

President of the British Geriatrics Society

Governance and Implementation Science in the POPS Model and NGS and Future Directions in Geriatric Care Research



Dr Jillian Eyles

PhD, BAppSc
(Physiotherapy)

Integrating Physiotherapy into Osteoarthritis to enhance Patient Outcomes

24
OCTOBER



Thursday
4PM – 7:30PM



University of
Sydney
Camperdown

**REGISTER
NOW**



THE UNIVERSITY OF
SYDNEY

Upcoming Events

Breakfast Sessions by Solventum

FOR SET, FELLOWS AND
CONSULTANTS

SESSION 1
THURSDAY
7/11/2024
7:30-8:30AM

SESSION 2
THURSDAY
14/11/2024
7:30-8:30AM

SESSION 3
THURSDAY
21/11/2024
7:30-8:30AM

**RSVP TO ATTEND BY FRIDAY
1ST NOVEMBER**

To help us plan the sessions and ensure adequate catering please click [here](#) to let us know which sessions you would like to attend.

MASTERING THE ART OF V.A.C.® THERAPY

- 1-hour session in the Threatre Tutorial Room, Level 4 Multi Building
- Granufoam, Silver foam, White foam – when to use what!
- SensaTRAC technology – how to get the best out of it
- What does a bridge, a mushroom and a sandwich have to do with V.A.C.® Therapy?
- Practical workshop
- Do you have an interesting case to discuss?
- Q&A



VERAFLO THERAPY - MANAGING BIOBURDEN

- 1-hour session in the Threatre Tutorial Room, Level 4 Multi Building
- What is Negative pressure wound therapy ?
- Managing bioburden in the wound treatment plan.
- Practical workshop
- Do you have an interesting case to discuss?
- Q&A

PREVENA - PROTECTING INCISIONS BEYOND THE OR

- 1-hour session in the Threatre Tutorial Room, Level 4 Multi Building
- Prevena Incision Management System.
- Lets talk Prevena Therapy for vascular, spinal, plastic, orthopedic, cardiothoracic and general surgery.
- Practical workshop
- Do you have an interesting case to discuss?
- Q&A



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Upcoming Events

SAVE THE DATE

The course will be held at Concord Hospital. The first session will be held in mid-February 2025. This course is designed for medical specialists and registrars who use fluoroscopic X-ray equipment.

Approved by NSW EPA to obtain IA22 User Licence.

Fluoroscopy Radiation Safety Course

**FOR SET, FELLOWS AND
CONSULTANTS**

PRESENTED BY JENNIFER DIFFEY

(from Hunter New England LHD)



Highlights



Staff Photography

The CIAS held portrait and theatre photography sessions to showcase the work of our surgical staff.

Please contact the CIAS if you would like organise photography for your surgical team.



Highlights



Highlights



Highlights



With Assistance from Concord's Perioperative Clinical Academic Group, The Heart Research Institute recently hosted its inaugural Centre for Peripheral Artery Disease (PAD) Colloquium, bringing together over 100 experts, researchers, and patients to discuss advancements in PAD. The event featured a variety of sessions, including patient perspectives and clinical research, fostering valuable networking opportunities. Attendees engaged in discussions about knowledge gaps and the future of PAD treatment.

*Peripheral Artery Disease
Colloquium at the
Heart Research Institute Centre*
30 AUGUST 2024

Award Feature

We are pleased to announce that two of our medical students, Sean Miller and Naomi Cooper have been awarded the Professor Walker Medical Student Scholarship from the ANZ Society of Vascular Surgeons. This scholarship is awarded to 10 medical students in Australia and New Zealand to support medical students in attending the annual ANZSVS conference. Congratulations on this accomplishment!



Dr Ritesh Chimoriya will also be presenting an abstract at the ANZ Society of Vascular Surgeons Conference discussing the relationship between BMI and comorbidities in patients with Peripheral Artery Disease (PAD). He is also presenting a poster at the Australian and New Zealand Obesity Society Annual Scientific Conference to highlight the relationship between Obesity prevalence, BMI variability and associated comorbidities in Patients with (PAD). Please click the attached links to view more information about Dr Chimoriya's work.

USYD Medical Students in the CIAS



Congratulations to the USYD medical students for completing their vascular research projects!

- Wen Xin Chan - Cardiovascular Risks and Quality of Life in Culturally and Linguistically Diverse Populations with Peripheral Artery Disease
- Naomi Cooper - Optimising Statin Therapy in Peripheral Artery Disease: Insights for Nursing Practice from the TEAM-PAD Study
- Mason Batty - "Blood Sugar and Blood Flow: The Link Between HbA1c and Tissue Loss in PAD Patients"
- Ella El-Katateny - Redefining Vascular Surgical Training: Competency-Based Models and Flexible Pathways for Inclusive and Diverse Workforce Training
- Sean Miller - Alignment of Antithrombotic Therapy with Bleeding Risk in Peripheral Artery Disease: Insights from the OAC3-PAD Score

*ANZ
Society of
Vascular
Surgeons
Conference*

Research Space

DR JOHN TRANTALIS
MBBS(HONS) FRACS

Administering Botox to assist in Stiff Elbow Release and Restore Elbow Motion



Elbow stiffness is a common problem after any type of trauma or surgery to the elbow. Persistent elbow stiffness is a challenge for patients as they are often left with a limited range of elbow motion, making it difficult to complete activities of daily living.

Concord Hospital's Shoulder and Elbow Surgeon, Dr John Trantalis, recognised the need for a more effective solution to enhance elbow mobility due to the limitations of conventional surgical treatment.

His innovative research utilises the potential of a once-off administration of Botox post-operative care of Stiff Elbow Release Surgery, to leverage the muscle-relaxing properties of Botox to release stiffness around the elbow joint in conjunction with the mechanical release of the joint in surgery. By temporarily blocking nerve signals to targeted muscles, Botox can effectively reduce muscle stiffness and spasticity, enabling smoother joint movement.

Dr Trantalis' pioneering work exemplifies the spirit of progress in modern healthcare by providing patients with access to innovative care that allows them to regain independence and resume activities they enjoy.

The Perioperative Clinical Academic Group are the frontrunners of innovation in the perioperative space. Our team of experts organise a range of events such as the Anaesthetics & Surgery Perioperative Care Research Symposium that was held on the 8th of March. To stay informed on groundbreaking research as well as updates on upcoming events like conferences, workshops, and webinars, with access to free consumer training, discounts, and priority access to feature events; subscribe by registering through the link.

Perioperative Clinical Academic Group

SUBSCRIBE

Cartoon Corner

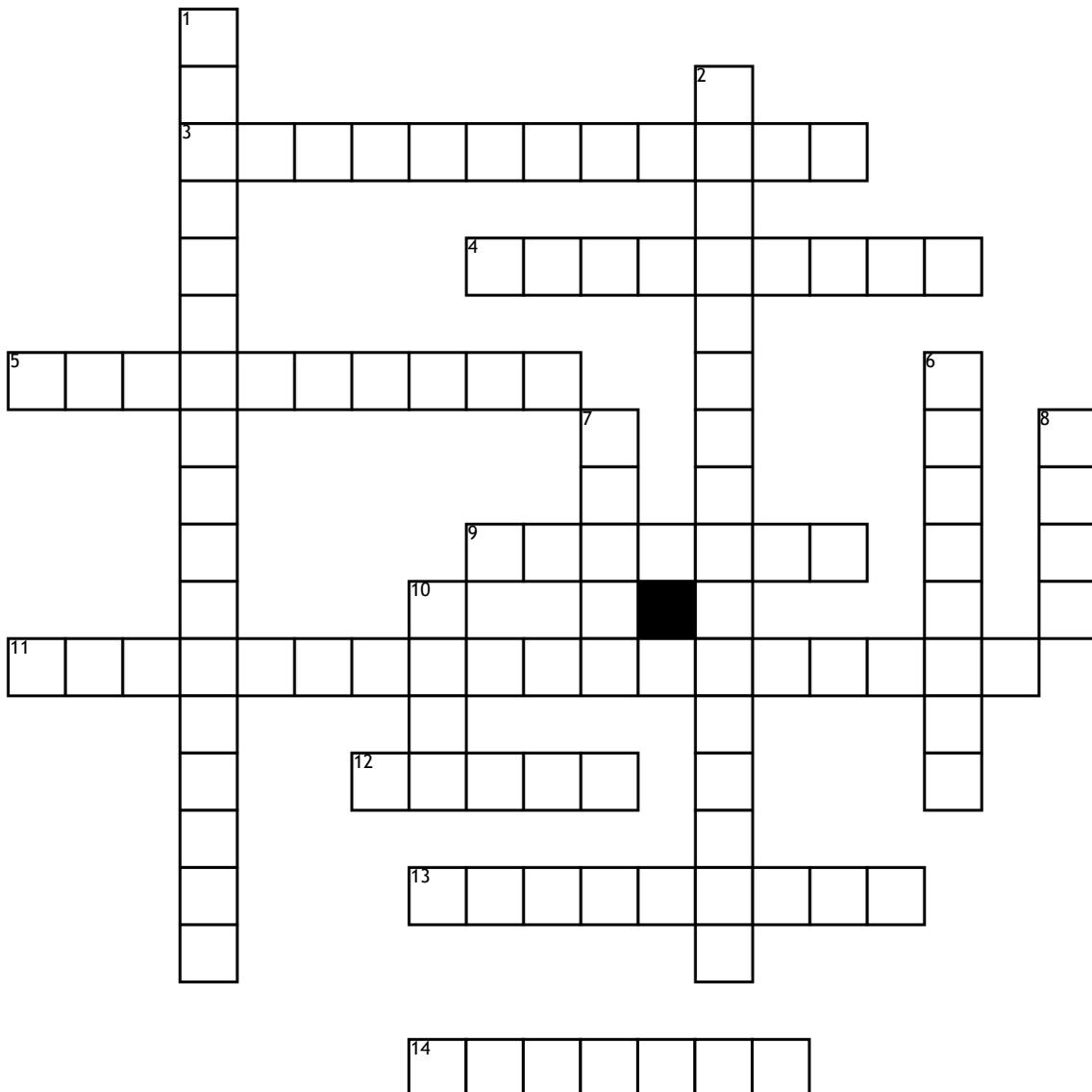
BROUGHT TO YOU BY THE NEW WORK TIMES



“He’s waking up! Places, people!”

Crossword

GETTING READY FOR SURGERY



Across

3. the room in which the patient stays until he wakes during surgery up from anaesthesia after the surgery
4. something that surgeons do to fix a medical problem in your body
5. surgery that can be done in a short time and the patient will not stay in hospital overnight

9. an operation

11. medicine that is given to make a patient sleep

12. a kind of pain medicine

13. from evening until the next morning

14. a doctor who operates on patients

Down

1. natural medicines (echinacea, ginseng, ginkgo biloba)

2. medicine that is given to

freeze an area of the body so a patient cannot feel anything

6. pills that people take to stay healthy (Vitamin B, Vitamin C, iron)

7. a person who is trained to help patients in the hospital

8. an illness

10. a large room where many patients stay in beds