



RPA Institute of Academic Surgery

Newsletter

July 2019

WELCOME

Another busy few months for the RPA Institute of Academic Surgery (IAS) with a variety of events, courses and conferences being held.

At the end of June we hosted the Sydney Robotics Masterclass which was a practical surgical robotics program utilising all surgical robots across the RPA/Lifehouse campus. We also hosted think tanks and a microsurgery course.

We received a generous donation of artwork from a local family and delivered multiple training and education courses.

UPDATES



"Wise Men? - drawing #3"

We would like to thank Peter and Eve Missingham who donated the artwork "Wise Men? - drawing #3" by Professor Michael Esson.

The painting was donated in memory of their daughter Jenna Missingham.

Peter, Eva and Jenna's partner, Kevin visited the IAS to see the painting in its new home.

Peter and Eva had the drawing above their dining table for years and wanted it to be on display where people would be able to see the artwork.

The artist of the painting Professor Michael Esson has a strong connection with the IAS having run multiple 'Art in Surgery' workshops for surgeons and IAS staff over the years.

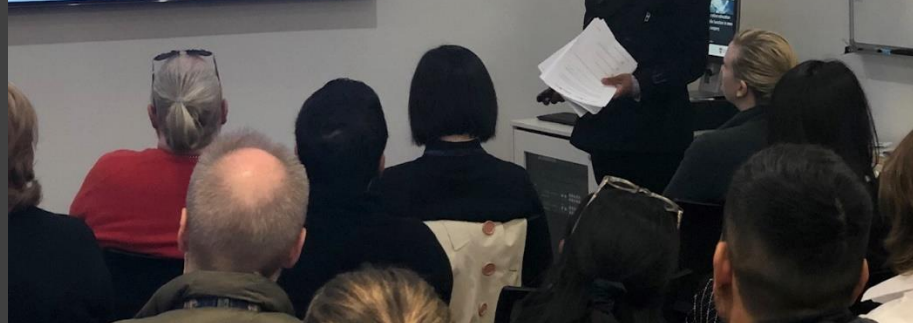
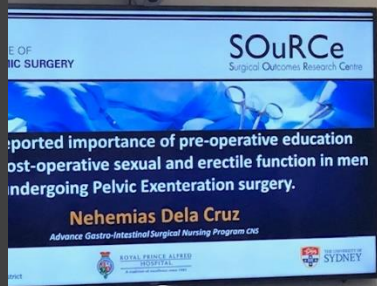


SOuRCe Think Tank

The Surgical Outcomes Research Centre (SOuRCe) held the 10th Edition Think Tank on Friday 21 June at the IAS.

The half day program covered a variety of topics including head and neck, peritonectomy, dietetics and stomal therapy. The program was well attended by researchers, surgeons and clinicians.

The focus of the program was to bring researchers and clinicians from a number of surgical specialties together to discuss current and future research focus areas. Past think tanks have been the breeding ground for successful research projects, allowing for collaboration, discussion and feedback.



Advanced GI Surgical Nursing program candidate, Jay Dela Cruz presenting on 'Patient reported importance of preoperative information for men undergoing pelvic exenteration surgery'.



RPA dietician, Lauren Reece presenting on the 'Measurement of energy requirements using indirect calorimetry'



ASGO Australian Society
of Gynaecologic
Oncologists Inc.

Caring for women since 1986

Australian Society of Gynaecological Oncologists (ASGO) Annual Scientific Meeting (ASM) 2019

The 2019 ASGO annual scientific meeting was held across a week in June at the Intercontinental Hotel, Sydney.

The program featured RPA peritonectomy proctor from Basingstoke, UK, Professor Brendan Moran as a guest international speaker alongside Dr Kathleen Schmeler from Texas.

The week long program featured a number of RPA surgeons including Associate Professor Selvan Pather (gynae oncologist), Dr Michael Paleologos (anaesthetist), Professor Philip Beale (Clinical Director of Cancer Services), Dr David Yeo (upper GI surgeon), Dr Peter Lee (colorectal surgeon) and Dr Rhonda Farrell (gynae oncologist)

Professor Moran was a keynote speaker for this program, presenting on "setting up a peritonectomy unit - the RPA experience"



Sydney Robotics Masterclass 2019

A unique program dedicated to the training and education of surgeons, nurses and other clinical staff involved in robotic-assisted surgery was held on Saturday 29 June at Royal Prince Alfred (RPA) Hospital, wrapping up the week long events of Sydney Local Health District's annual Research and Innovation Symposium Week.

Hosted by the IAS, the **Sydney Robotics Masterclass** utilised seven surgical robots across the RPA and Chris O'Brien Lifehouse campus to train staff on a number of different platforms including the Intuitive da Vinci Surgical System used by the thoracic, urology and colorectal workshops as well as two orthopaedic cases using the Stryker Mako and Corin Omnibot systems.

IAS Executive Director, Ms Kate McBride said "the Masterclass was a great opportunity to utilise all robotic-assisted surgical platforms on the RPA campus, which is the most in Australia, and to give our surgeons and junior medical staff in particular the opportunity to interact with this technology in a way they don't normally have access to. It was a great day of learning for everyone".



In addition to the specialised workshops, the program also included a half day robotic seminar discussing current robotic practice across a range of surgical specialties, and the future of robotic surgery. Orthopaedic Surgeon, Dr Brett Fritsch gave an inspiring overview of the big changes anticipated to come in the next few years assuring those surgeons in the audience they weren't likely to be replaced by robots any time soon.

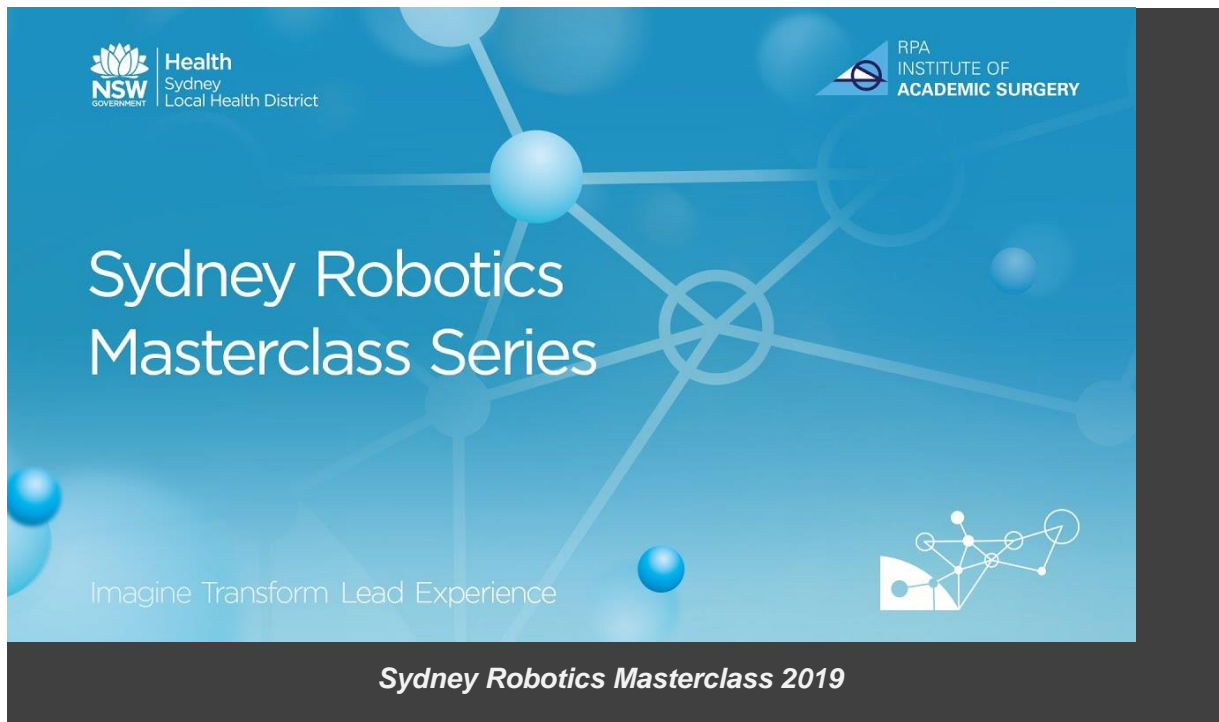
Ms McBride mentioned that "new single port robots are on the horizon and it is important for us in the public sector to ensure we are undertaking comprehensive research to support the implementation and use of this innovative technology". Over 120 people attended the event across the workshops and seminar with some surgeons travelling from interstate for the advanced training opportunity.

RPA is currently one of only a small number of hospitals in Australia offering public patients access to robotic-assisted surgery and has the largest number of robotic surgical systems on any one campus in Australia, including the southern hemisphere's only surgical robotics training laboratory, the Surgical and Robotics

Training Institute. It was the first hospital to introduce robotic-assisted technology within a comprehensive research framework, meaning all patients are enrolled in a research study.

The IAS established the Sydney Robotics Summit in 2017, which hosted over 1000 delegates in the first two years and had a multi-disciplinary and multi-specialty focus. The IAS will be back hosting the Sydney Robotics Summit in 2020, which for the first time in Australia will include the international Society of Robotic Surgeons.

Watch the video from the day below.

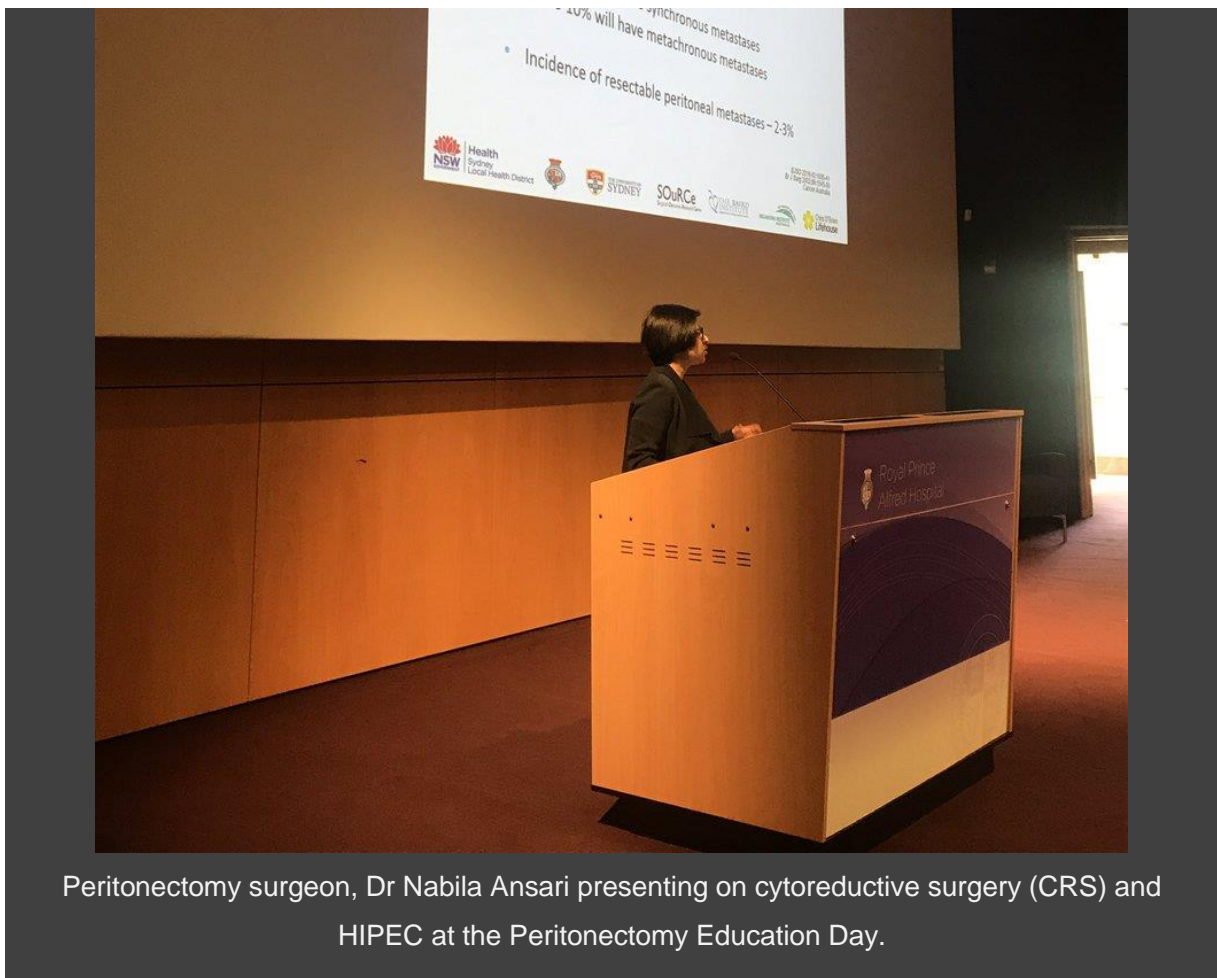


Cytoreductive Surgery (CRS) & HIPEC Education Day

The RPA Cytoreductive Surgery (CRS) and HIPEC Education day was held on Friday 11 July in the Kerry Packer Education Centre (KPEC) auditorium and was attended by over 60 internal staff from across nursing, allied health, medical and surgical areas.

The full day program made up of four sessions covering an introduction to CRS and HIPEC, anaesthetic support, research nursing and allied health as well as medical and gynae oncology with the aim being to provide staff with a comprehensive overview of the care required for these complex patients.

The education day program finished with two patients who gave their story and experience, which was highly valuable to all who attended.

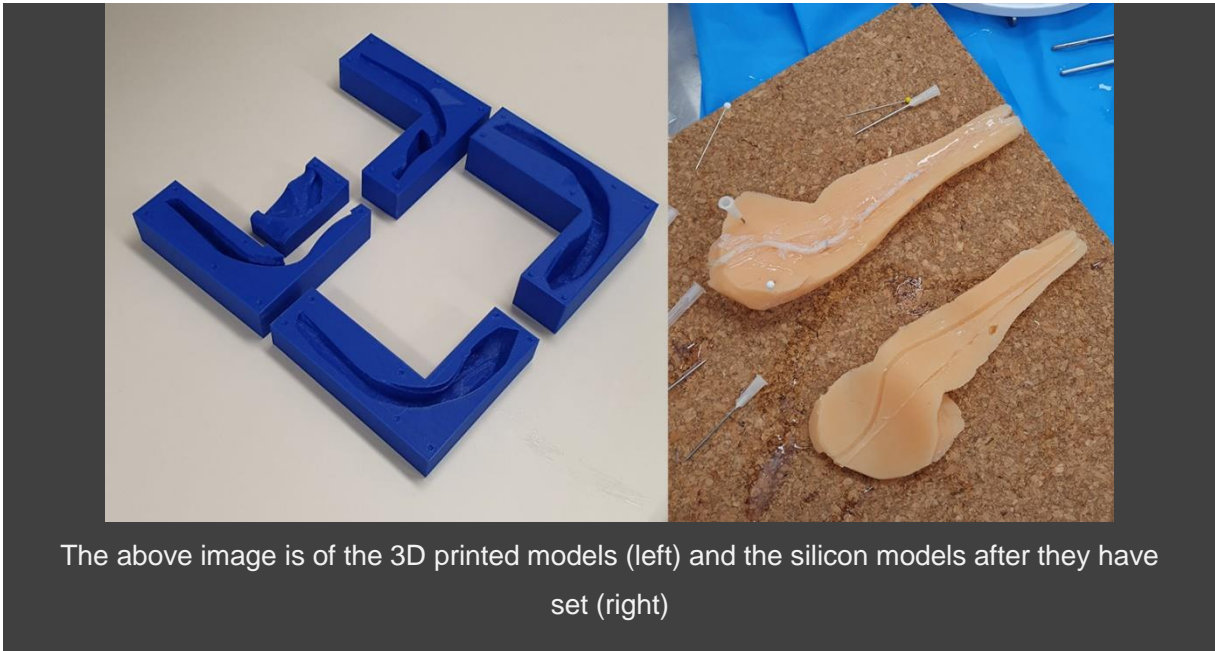


Peritonectomy surgeon, Dr Nabila Ansari presenting on cytoreductive surgery (CRS) and HIPEC at the Peritonectomy Education Day.

3D Printing

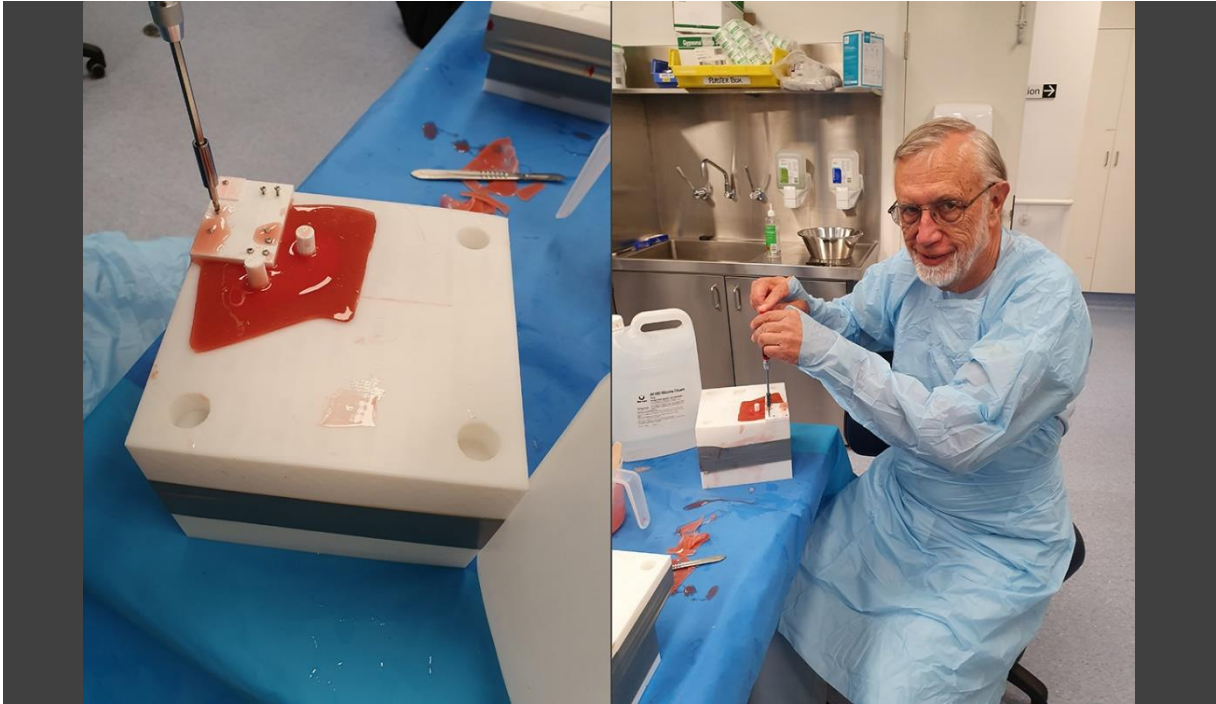
Surgical Innovations Research Officer, Mr Kai Cheng has 3D printed a pancreas mould to assist Associate Professor David Storey in developing models for Endoscopic Retrograde Cholangiopancreatography (ERCP) procedure training.

Associate Professor Storey fills the moulds with silicon to create a life-like model.

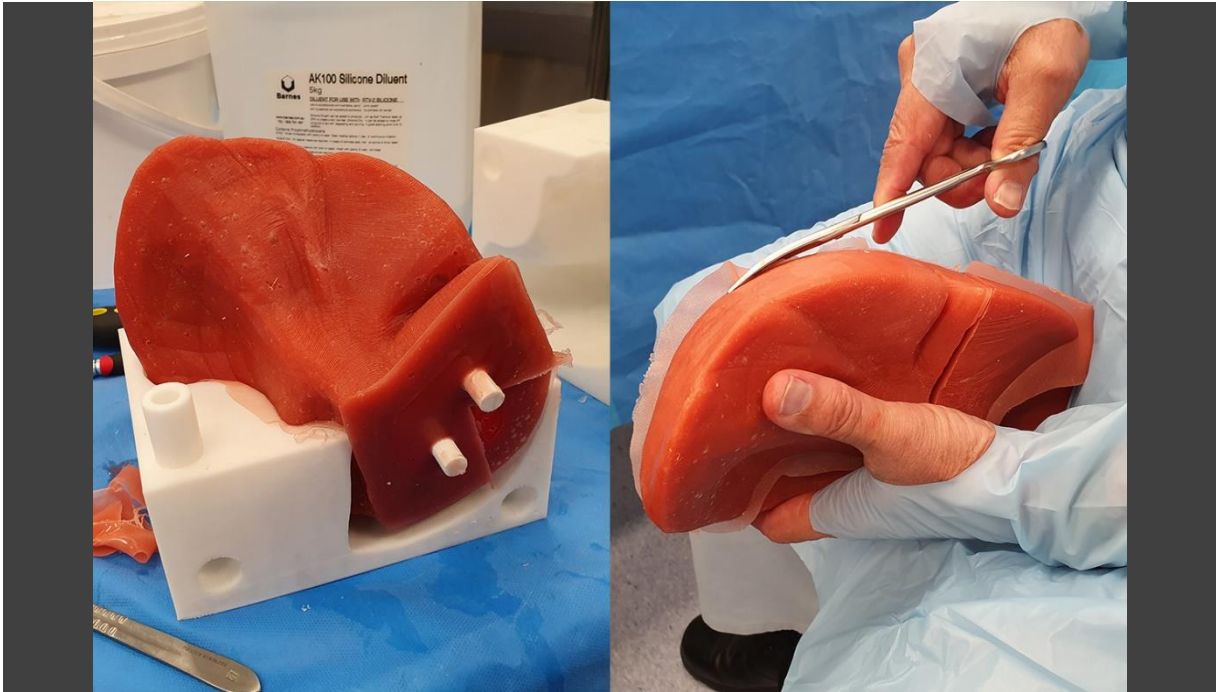


Kai used the below CT scan (below left) to be able to print part of the pancreas to then fit into an existing model (below right)





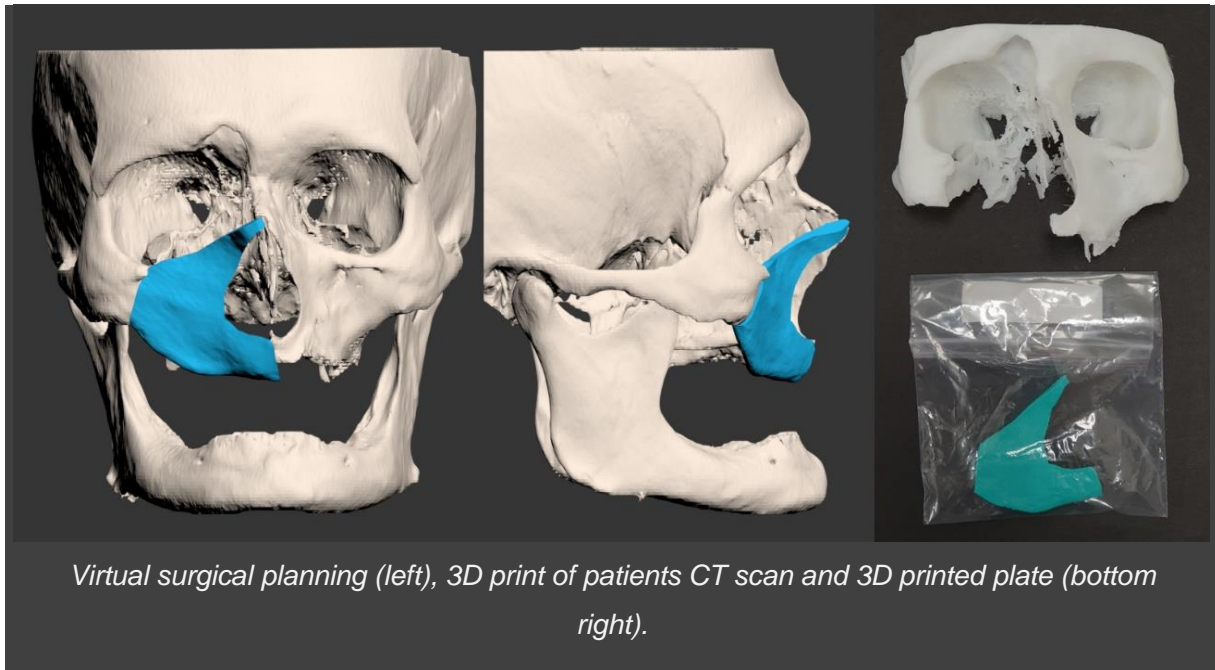
Associate Professor David Storey filling the 3D mould with silicon for the liver model.



The silicon liver model

The below image is the virtual surgical planning for a zygoma reconstruction. This project is in collaboration with Professor Jonathan Clark, Dr Hubert Low and Dr David Leinkram from the Head & Neck department.

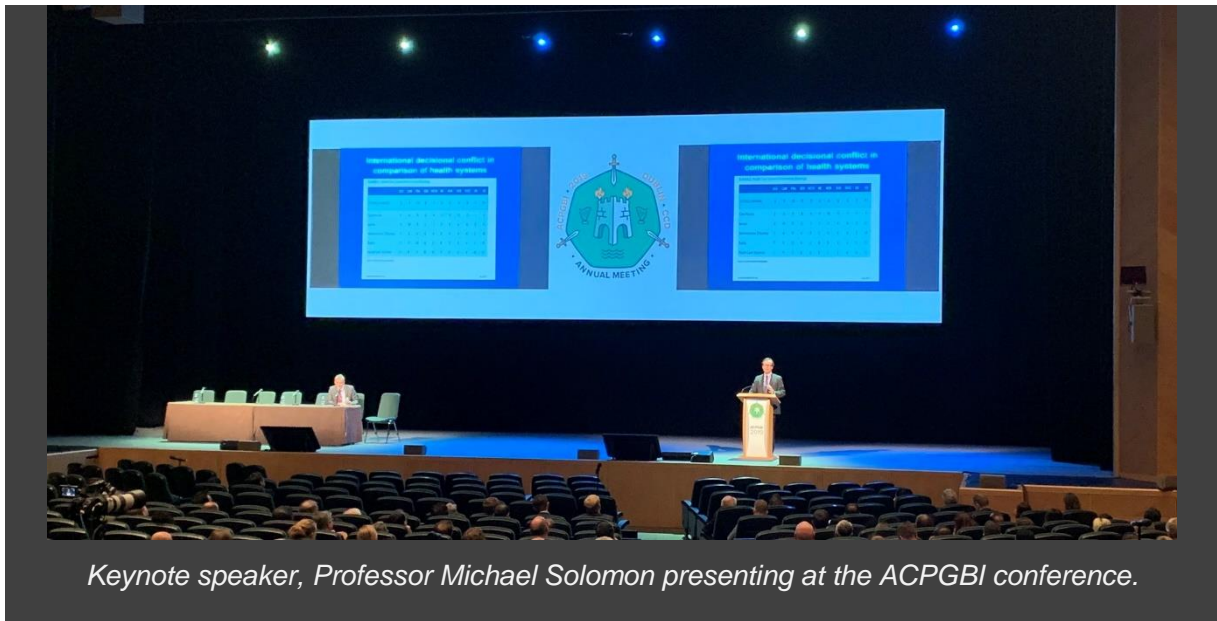
Kai has used the imaging software to be able to create a 3D printed plate for this patient using their CT scans.



Annual Association of Coloproctology of Great Britain and Ireland (ACPGBI) Meeting

Professor Michael Solomon, IAS Co-chair travelled to Dublin to present at the Annual ACPGBI meeting in early July.

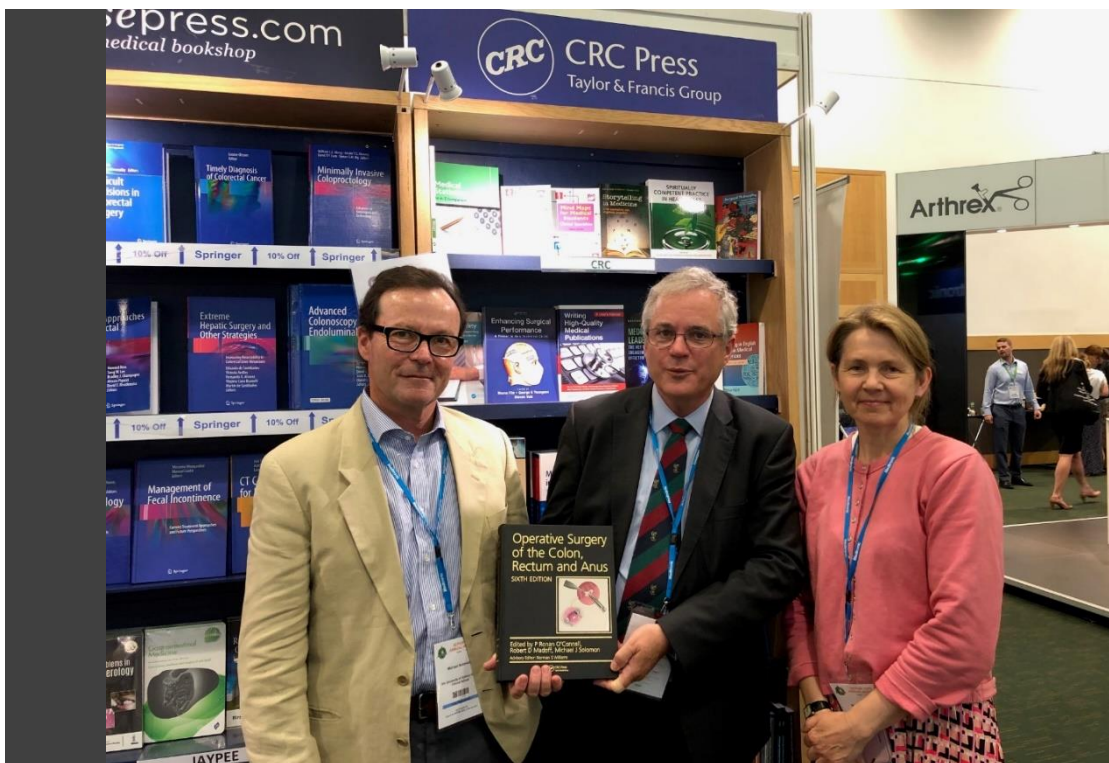
The conference was chaired by ACPGBI President and RPA Peritonectomy Proctor, Professor Brendan Moran with Professor Solomon presenting on the 'Decisional conflict, equipoise and bias in the interpretation of randomized controlled trials in colorectal surgery' as well as sitting on the panel for multiple case discussions.



Keynote speaker, Professor Michael Solomon presenting at the ACPGBI conference.



ACPGBI President, Professor Brendan Moran opening the conference in Dublin.



Professor Michael Solomon with Co-Author Professor Patrick Ronan O'Connell and their publisher from Taylor and Francis Group - CRC Press Online.

Professor Solomon and Associate Professor Cherry Koh also attended the PelvEx program on 5th and 6th July.

Held in Dublin, the PelvEx collaborative is an international group involving five continents with the central aim to examine outcomes for patients who have had pelvic exenteration surgery.



Professor Michael Solomon (fifth left) and Associate Professor Cherry Koh (far right) with some former RPA Colorectal fellows at the PelvEx Collaboration.



Society of Robotic Surgery Conference

IAS Robotics Research lead, Dr Scott Leslie attended a robotic surgery conference in Orlando, Florida run by the Society of Robotic Surgery, similar to the Sydney Robotics Summit, the program included a number of surgical specialties.

Dr Leslie was a panel member for several live surgical case discussions.

The Society of Robotic Surgery will be working with the Sydney Robotics Summit committee to host the international surgical robotics program in Sydney in June 2020.



Dr Scott Leslie (third left) on the panel at the Society of Robotic Surgery conference in Orlando, Florida.

Surgical Grand Rounds Abroad - *Chicago*

Associate Professor Sydney Ch'ng was the visiting professor and presenter at the University of Chicago's ***Plastic Surgery Grand Rounds*** in early June 2019. She presented on was "Idiosyncrasies of plastic surgery practice in Australia".

Associate Professor Ch'ng spoke of the challenges encountered in building an unconventional Head & Neck/ Plastic and Reconstructive/ Melanoma and Surgical Oncology practice, the very rewarding relationships and collaborations across disciplines, and her views on how young plastic surgeons should define their scope of practice outside the traditional cosmetic / reconstructive sphere.



A/Prof Sydney Ch'ng (third from left) with some members of the University of Chicago Plastic Surgery Department at the Illinois State Plastic Surgery Meeting.

EVENTS / COURSES

Celebrating Surgery at RPA and Institute of Academic Surgery's 5th BIRTHDAY

On Friday 20 September 2019, the IAS will be holding two events to celebrate surgery at RPA and the 5th birthday of the IAS.

The events will include an afternoon seminar from 1 - 4pm in the Kerry Packer Education Centre (KPEC), which will be open to anyone to attend and incorporate presentations on innovations in surgery and a Q&A session with an expert panel discussing 'Ethics & Surgery: at what cost?'.
The seminar will be held in the Kerry Packer Education Centre (KPEC) at the Royal Prince Alfred Hospital, Sydney.

This will be followed by an invitation only cocktail evening at the Museum of Contemporary Art (MCA) to celebrate 5 years of the IAS and surgical milestones at Royal Prince Alfred.

More information about both events will be distributed in the coming weeks.



JOIN US FOR A SESSION ON

ETHICS & SURGERY: AT WHAT COST?

Special guest panel to be announced...

TO CELEBRATE OUR 5TH BIRTHDAY THE RPA INSTITUTE OF ACADEMIC SURGERY IS HOSTING AN ACADEMIC SEMINAR INCLUDING Q&A SESSION AND PRESENTATIONS ON:

UTERINE TRANSPLANT | FUTURE OF SURGERY | SURGICAL CULTURE |
AUGMENTED REALITY IN ROBOTICS | SURGICAL OUTCOMES | SURGICAL
TRAINING AND TEACHING |

ALL WELCOME

FRIDAY 20 SEPTEMBER

13:00 - 16:00

AUDITORIUM

KERRY PACKER EDUCATION CENTRE

MORE INFORMATION

SLHD-RPAIAS@HEALTH.NSW.GOV.AU



Health
Sydney
Local Health District



Please join us for the academic afternoon. All welcome.

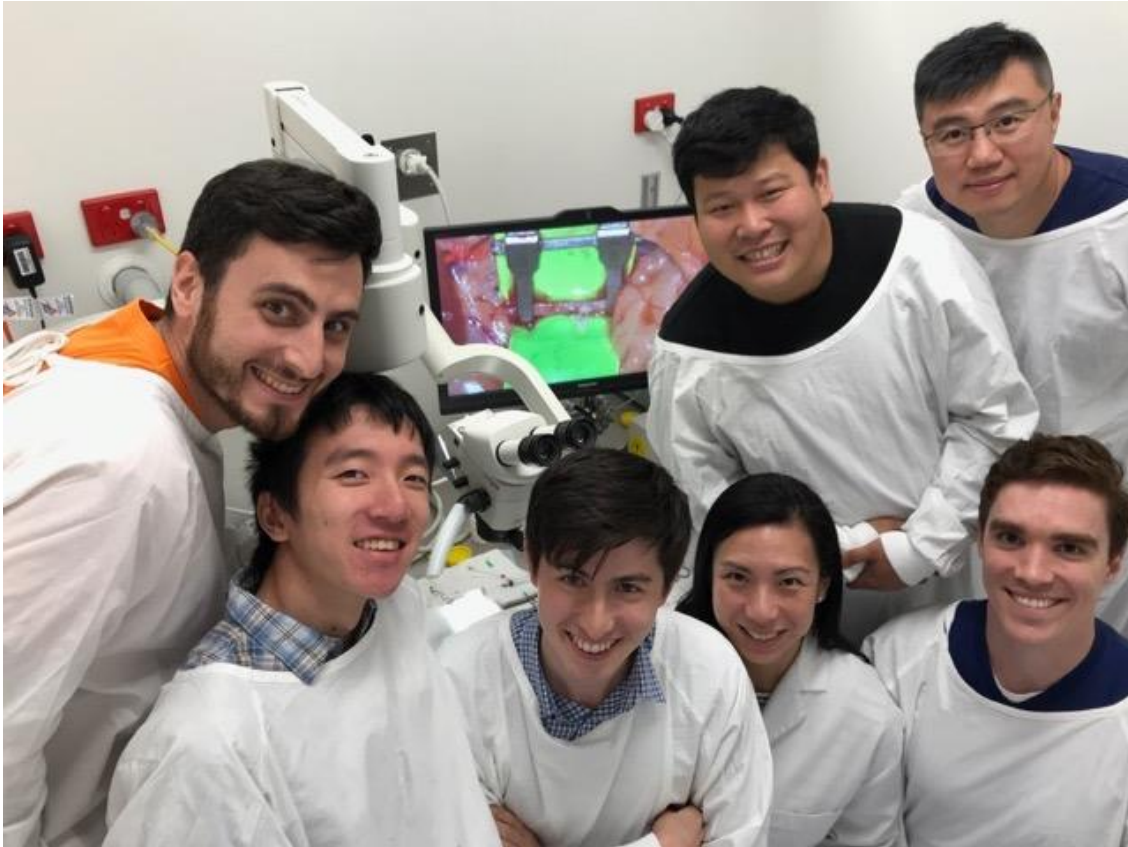
ONGOING

New Protocols and New Ideas

The New Protocols / New Ideas meetings have seen 20 research staff and clinicians meet monthly to discuss surgical ideas. The meeting started in 2017 and was set up to give staff the opportunity to present to peers on their current research and to get feedback on the development of protocols and research ideas.

The project can be at the early or late stage of the research timeline. The meetings are led by IAS Director of Surgical Research, Professor Jane Young and are held at 08:30am on the 4th Friday of the month.

For more information about how to present or to attend these meetings please contact [Professor Jane Young](#)



IAS Microsurgery Course

The next two microsurgery courses have been confirmed for 2019 and will be held on the following dates:

Course 1: 13th - 15th, 21st and 22nd September 2019

Course 2: 8th -10th, 16th and 17th November 2019

For more information or to register please visit our [website](#)



General Surgery Training

Every Monday 6pm

Institute of Academic Surgery

The IAS has commenced weekly General Surgery training each Monday evening. It is now supported by the use of videoconferencing (Pexip) to permit seconded trainees to join.

CONGRATULATIONS



Surgical Society University of Sydney (SUSS)

We would like to congratulate the following incoming SUSS President and Vice- President

Gareth Crouch

President 2019 -2020

Jason Luong

Vice - President 2019 -2020

Thank you to Deanna Lee for her hard work as SUSS President in 2018-2019.



SUSS President, Gareth Crouch and SUSS Vice-President Jason Luong

PUBLICATIONS

Mental illness and surgery: do we care?

Kate E. McBride, Michael J. Solomon, Daniel Steffens, Paul G Bannon, Nick Glozier

June 2019

[Read article](#)

Research as the gatekeeper: introduction of robotic-assisted surgery into the public sector

Kate E. McBride, Daniel Steffens, Michael J. Solomon, Teresa Anderson, Jane Young, Scott Leslie, Ruban Thanigasalam, Paul G Bannon

July 2019

[Read article](#)

Accelerating the learning curve in cytoreductive surgery and hyperthermic intraperitoneal chemotherapy using an external mentor model

Nabila Ansari, Kilian GM Brown, Kate E McBride, Daniel Steffens, Cherry Koh, Christopher J Young, Michael J Solomon, Brendan J Moran

July 2019

[Read Article](#)

**Prophylactic wound drainage in renal transplantation:
a systematic review**

D'Souza, K. Crowley, S.P., Hameed, A., Lam, S., Pleass, H.C., **Pulitano, C.,
Laurence, J.M.**

[Read Article](#)

**Steroid profiles by liquid chromatography-mass spectrometry of matched
serum and single dominant ovarian follicular fluid from women undergoing IVF**

Reproductive BioMedicine Online

Walters, K.A., Eis, S., Edwards, C.E., Thuis-Watson, R., Desai, R., Bowman, M.,
Marren, A.J. and Handelsman, D.J.

[Read Article](#)

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