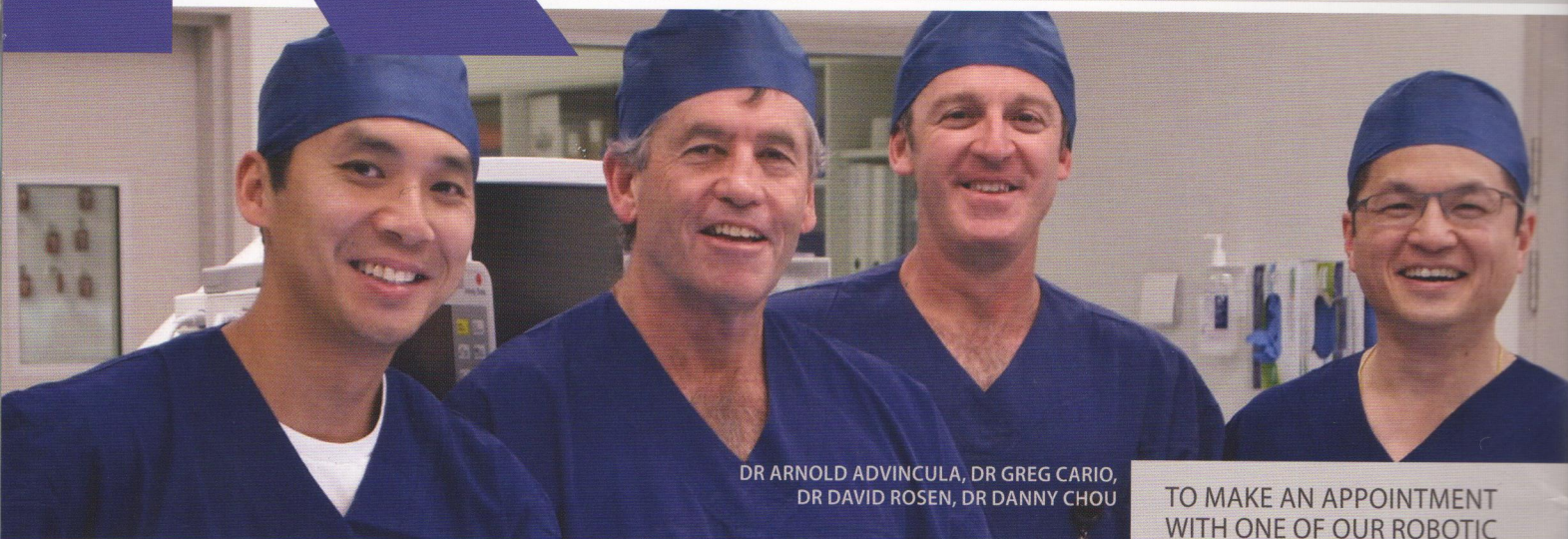


Robotic Surgery

**PROGRAM AT MACQUARIE
UNIVERSITY HOSPITAL**



DR ARNOLD ADVINCULA, DR GREG CARIO,
DR DAVID ROSEN, DR DANNY CHOU

**TO MAKE AN APPOINTMENT
WITH ONE OF OUR ROBOTIC
SURGERY SPECIALISTS
PLEASE CALL 9887 8887**

Last year, Macquarie University Hospital (MUH) invested in the newest da Vinci Si Surgical System.

We are exceptionally pleased to have this state of the art technology onsite because it has significantly enhanced our oncology, urology and gynaecological capabilities - key areas of growth for our facility.

This multimillion dollar acquisition provides our surgeons with all the clinical and technical capabilities of traditional surgery, while enabling them to operate with extraordinary precision through a few tiny incisions, smaller than a centimetre.

At MUH, we are continually driven to provide our community with access to the very latest medical innovations.

However, it is not the technology, in itself, that sets us apart. It is the combination of our academic advantage, multidisciplinary team approach to care, as well as the most sophisticated high-definition PET

(combined with CT) imaging capabilities.

The experience our patients receive here is one in which personalised care is integrated with the very best medical technologies with the aim of providing enhanced comfort and better outcomes.

This latest robotic technology is now the surgical tool of choice for many procedures - and, indeed, the standard approach for a broad range of procedures in the US and some European countries.

In Australia, it is increasingly used for complex minimally invasive prostate surgery. However the extensive Robotic Surgery Program at MUH enables specialists to utilise the device for a number of different types of surgeries. While we are the second hospital in the state to own the da Vinci, we have the most comprehensive robotic surgery program in the country.

MUH specialists, in a variety of areas are utilising this minimally invasive approach, to handle and

dissect delicate tissue in the most confined spaces. This system has an ergonomically designed console, positioned alongside the patient, where the surgeon sits while operating. Surgeons have an immersive view of the surgical field with extremely high-definition 3D vision, allowing for precise and accurate control.

Four interactive robotic arms, which are precisely calibrated, are positioned above the patient and are controlled by the surgeon. The advanced technology also allows each individual surgeon's hand movements to be scaled, filtered and translated into precise movements of the instruments that are working inside the patient's body. The unprecedented surgical accuracy of the system is bringing patient's improved surgical outcomes. This astonishing technology is yet another example of the hospital's commitment to delivering the most advanced treatments using the latest technologies.

UROLOGY

Dr Howard Lau
A/Prof Manish Patel
A/Prof Andrew Brooks
A/Prof Celi Varol
Dr Justin Vass
Dr Mohan Arianayagam
Dr Chi Can Huynh

THYROID

Dr Navin Niles

TORS - TRANS ORAL ROBOTIC SURGERY

Dr Jonathon Clarke
Dr John McGuinness

GYNAECOLOGY

Dr Felix Chan
Dr Greg Cario
Dr David Rosen
Dr Danny Chou

COLORECTAL

Prof John Cartmill
Dr Anil Keshava
Dr Matt Rickard

CARDIOTHORACIC

Dr Michael Wilson
Dr Michael Vallely