

Mini-Fellowship Course in Robotic-Assisted Radical Prostatectomy



Melbourne Uro-Oncology Training Program

This Course is presented by the Melbourne Uro-Oncology Training Program (MUTP), Australia's leading provider of training in robotic-assisted surgery and other complex urologic oncology surgery. It is directed by urological surgeons Associate Professor Declan Murphy, Uro-Oncologist and Director of Robotic Surgery at the Peter MacCallum Cancer Centre, and Professor Tony Costello, Director and Professor of Urology at Royal Melbourne Hospital and the University of Melbourne. The Faculty includes Mr Daniel Moon, urologist at Peter MacCallum Cancer

Centre and Director of Robotic Surgery at Epworth Healthcare and will include guest Faculty of experienced robotic surgeons from around Australia. Device Technologies Australia provide expertise from their da Vinci® Surgery Training team led by Dominic Breuker.

Mini-Fellowship Training has been shown to be of high-value for surgeons transitioning to robotic-assisted radical prostatectomy and is recommended in a number of expert guidelines. *Ref: 1, 2.*



This intensive four-day course is aimed at urologists who are planning to transition to, or who have recently transitioned to robotic-assisted radical prostatectomy and who require specialized training in this procedure.

It includes the following elements:



1. All-day hands-on technical training on the da Vinci[®] Si surgical system provided by Device Technologies Australia (for those who have not attended an Intuitive Surgical training course overseas).
2. Video-based lectures illustrating our 12-step modular approach to robotic radical prostatectomy.
3. Supervised dry-lab sessions to enhance familiarization with the da Vinci[®] surgical system.
4. Supervised simulation sessions using the da Vinci[®] Skills Simulator with monitoring of scores to document progress.
5. Observation of four robotic radical prostatectomies performed by our expert faculty, including dual console observation.
6. Breakfast and evening lectures covering areas such as how to get started and how to improve, management of complications, optimizing functional outcomes.
7. Faculty dinner.
8. Optional - participants are welcome to stay for a fifth day to observe two further RARPs

In addition, our experienced Faculty will support participants through their first few clinical cases by providing preceptorship/proctorship as required (subject to additional fees).

The Mini-Fellowship takes place in Melbourne every 4-6 months and is limited to four participants for each course giving a Faculty: Participant ratio of 1:1.

The Learning Objectives are as follows:

- Understand the technology and principles of robotic-assisted surgery using the da Vinci® surgical system.
- Achieve competency at system preparation, instrument handling, docking and troubleshooting
- Understand issues concerning patient selection, particularly during early learning curve
- Acquire da Vinci® surgical system skills using the Skills Simulator and dry-lab training environment
- Understand the surgical steps of robotic-assisted radical prostatectomy as demonstrated in our 12-step modular technique and observed in theatre
- Techniques to deal with challenging anatomy
- Minimise risk of complications during RARP how to manage complications



The Mini-Fellowship Course Schedule is as follows:

	Time	Activity	
Monday	0900-1700	Hands-on training at Device Technologies Australia, North Melbourne.	Device Technologies Australia (DTA)- da Vinci© Surgery Trainers Faculty/DTA
	1830-2130	Dinner and video-based guide to 12 step modular approach to RARP	
Tuesday	0700-0800	Breakfast lecture: Positioning & Docking (Peter Mac)	A/Prof Declan Murphy
	0800-1230	Robotic-Assisted Radical Prostatectomy	A/Prof Declan Murphy
	1230-1330	Lunch	
	1330-1700	Dry-lab and simulator training, Device Technologies Australia, North Melbourne.	Faculty/DTA
	1900-2130	Dinner and lectures: Challenging cases: Median lobes, huge prostates, previous TURP, obese patients	Faculty/DTA
Wednesday	0700-0800	Breakfast lecture: Anatomy of radical prostatectomy - optimising functional outcomes (Epworth)	Prof Costello
	0800-1200	Robotic-Assisted Radical Prostatectomy dual console	Prof Costello
	1300-1600	Robotic-Assisted Radical Prostatectomy dual console	Prof Costello
	1930-2230	Course Dinner	Faculty and guests/DTA
Thursday	0700-0800	Breakfast lecture: Managing complications (Peter Mac)	Mr Daniel Moon
	0830-1230	Robotic-Assisted Radical Prostatectomy.	
	1330-1630	Dry-lab and simulator training, Device Technologies Australia, North Melbourne.	Mr Daniel Moon
	1630-1640	Conclusion of course and Award of Certificates	Faculty/DTA
Friday (optional)	0800-1200	RAPN	Mr Daniel Moon
	1300-1600	Robotic-Assisted Radical Prostatectomy.	Mr Daniel Moon



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Participants will already have completed the Intuitive Surgical Online Training Course and will have undertaken some prior hands-on familiarization and system training with Device Technologies Australia in their local hospital or regional Device Technologies office.

The clinical activity takes place between the Peter MacCallum Cancer Centre, East Melbourne, and Epworth Hospital, Richmond - these facilities are within 3km of each other. The hands-on training on day one takes place at Device Technologies Australia in North Melbourne

Technologies and Course Materials:

- da Vinci Si dual console surgical system - Epworth Richmond
- da Vinci Si surgical system - Device Technologies Australia, North Melbourne
- da Vinci S HD surgical system
- da Vinci® Skills Simulator x 2
- Course materials include the following:
- All Powerpoint presentations
- Step-by-step guide to RARP
- Full-length surgical videos
- Key papers regarding technique and outcomes

Our Faculty:

The Melbourne Uro-Oncology Training Program Faculty performs over 400 robotic-assisted surgical procedures per annum and has extensive experience in training and proctoring of robotic-assisted surgery.

Our one-year Fellowship training program is recognised worldwide since Professor Tony Costello founded it in 1991 and has been producing console-ready robotic surgeons since 2004.

We have experience of guiding over 30 experienced surgeons across Australia, New Zealand and Europe through their transition to robotic radical prostatectomy and have published and presented extensively in the area of robotic surgery

Associate Professor Declan Murphy is Director of Robotic Surgery at Peter MacCallum Cancer Centre and Mr Daniel Moon is Director of the Epworth Centre for Robotic Surgery in Melbourne.



Associate Professor Declan Murphy MB FRACS FRCS Urol

Declan Murphy is uro-oncologist at the Peter MacCallum Cancer Centre and the Royal Melbourne Hospital, and Director of Outcomes Research at the Australian Prostate Cancer Research Centre, Epworth Richmond. He is Honorary Clinical Associate Professor at the Department of Surgery, University of Melbourne, St Vincent's Hospital and Director of Robotic Surgery at the Peter MacCallum Cancer Centre. He is on the editorial board of European Urology and the Journal of Robotic Surgery, and is a regular reviewer for The Journal of Urology, the BJU and the Journal of Sexual Medicine. He has extensive experience in modular training for robotic prostatectomy and has developed advanced multimedia tools for this procedure.



Professor Anthony Costello MD FRACS FRCSI(hon) MBBS

Tony Costello is Director and Professor of the Department of Urology, Royal Melbourne Hospital, and Director of the Australian Prostate Cancer Research Centre, Epworth Richmond. He pioneered the introduction of robotic surgery for radical prostatectomy in Australia when he performed the first case at Epworth Richmond in 2003 and has become one of the World's leading experts in robotic surgery for prostate cancer. Tony has trained dozens of Fellows and existing specialists in robotic surgery and has published the largest experience of robotic surgery from within Australasia. His highly-regarded research work on the neuroanatomy of the prostate has led to much improved understanding of techniques for nerve-sparing radical prostatectomy.



Mr Daniel Moon, MB,BS(Hon),FRACS

Daniel Moon is a urologist with a subspecialty interest in laparoscopic and robotic urological surgery. He has appointments at Peter MacCallum Cancer Centre and Epworth Healthcare where he is Director of Robotic Surgery. In addition to performing robotic prostate cancer surgery, Daniel has led the robotic partial nephrectomy program at Peter MacCallum Cancer Centre and convenes the biannual National Bladder and Kidney Cancer Symposium. He has been invited faculty at many robotic surgery events and has convened the da Vinci® Prostatectomy Masterclass at the Australasian Prostate Cancer Symposium.

Certificate of Completion:

Successful will be issued with a Certificate of Completion of Mini-Fellowship in Robotic-assisted Radical Prostatectomy. It is expected that this Certificate will satisfy credentialing requirements regarding initial training for hospitals undertaking robotic-assisted surgery (preceptorship/proctorship would still be required for clinical cases).

Continuing Professional Development Activity:

The MUTP has applied to the Urological Society of Australia and New Zealand for educational approval for this Course under Category 4: Maintenance of Clinical Knowledge and Skills.

Registration fees:

Four-day course including hands-on training: **\$4500 + GST**

Three-day course **\$4000 + GST**
(for those who have already completed Intuitive Surgical overseas course)

Fees include all tuition, course materials, breakfast, lunch and dinner where specified on Course Schedule. Accommodation is not provided.

Contact details:

Further details of this Mini-Fellowship Course and other training programs we provide are available at www.declanmurphy.com.au/training.

Contact Associate Professor Declan Murphy for further details including application forms.

declan.murphy@petermac.org.



References:

1. Lee JY, Mucksavage P, Sundaram CP, McDougall EM. Best practices for robotic surgery training and credentialing. *J Urol.* 2011;185:1191-7.
2. Zorn KC, Gautam G, Shalhav AL, Clayman RV, Ahlering TE, Albala DM, et al. Training, credentialing, proctoring and medicolegal risks of robotic urological surgery: recommendations of the society of urologic robotic surgeons. *J Urol.* 2009;182:1126-32.