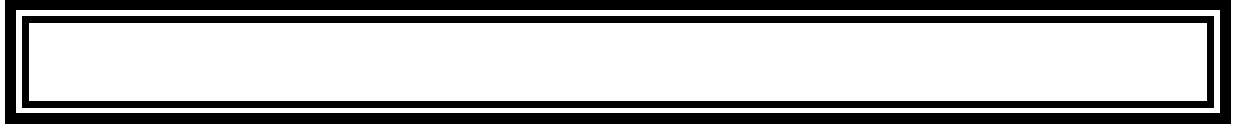


CURRICULUM VITAE

ANTHONY J COSTELLO

MD FRACS FRCSI(hon) MBBS

December 2014



Name: Prof Anthony James Costello
MD FRACS FRCSI(hon) MB BS

Citizenship: Australian

Address:	Department of Urology Level 3 Central The Royal Melbourne Hospital Grattan Street Parkville VIC 3050 Australia	Suite 8.6 Level 8 The Epworth Centre 32 Erin Street Richmond VIC 3121 Australia
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Medical Board of Australia Registration: MED0001021866

PROSTATE CANCER RESEARCH & BIOTECHNOLOGY:

In 2001 I established a Prostate Cancer Research Laboratory in the Department of Surgery at the University of Melbourne, based at The Royal Melbourne Hospital. The laboratory initially commenced animal studies using a xenograft model of prostate cancer in mice.

Following identification of a novel trace element which we considered effective in prostate cancer, we conducted animal testing and developed a drug which has now gone through phase 1 testing in human hormone refractory prostate cancer patients.

Because of the novel nature of this compound and the success of animal studies in advanced prostate cancer, a spin-off biotechnology company was developed, namely Velacor Therapeutics. This company is now fully established and has interest in drug development in cancer and other neurodegenerative diseases including Alzheimer's disease. The drug targets PI3 kinase activity. This drug, a selenium compound, is in Phase 2 testing in 70 Alzheimer's patients at Royal Melbourne Hospital in 2013.

GRANT SUPPORT:

2007

In 2007 I established the Victorian Prostate Cancer Research Consortium and attracted \$1.9 million of Victorian State Government Funding for a start up network of Victorian based prostate cancer researchers. There are five institutions including the University of Melbourne, Peter MacCallum Cancer Centre, Monash Medical Research Centre, the Ludwig Cancer Research Institute, The Royal Melbourne Hospital, and Epworth Hospital involved in this initiative. I Head the research nodes at The Royal Melbourne Hospital, University of Melbourne and Epworth Hospital.

2007

In November 2007 the incoming Federal Government, through the Australian Treasurer, Mr Wayne Swan, and the new Australian Prime Minister, Mr Kevin Rudd, endowed a \$15 million specific grant for translational prostate cancer research under my direction. An initial \$7.5 million will be used to establish laboratory facilities at Epworth Hospital, Melbourne, and Melbourne University, concentrating on areas of drug discovery, tissue banking, and molecular pathology. We will collaborate with Dr Colleen Nelson in Brisbane who will establish the second centre some time later in 2008.

2013

A further \$18 million to fund prostate cancer research was allocated by Federal Government for 4 years prostate cancer research.

PROSTATE CANCER FOUNDATION OF AUSTRALIA:

In 2001 I helped establish the Victorian Prostate Cancer Foundation which then merged with the New South Wales Prostate Cancer Foundation to become the National Prostate Cancer Foundation. This is now the peak body in prostate cancer in Australia and dialogues on a regular basis with all State and Federal Government Agencies involved in prostate cancer in its broader sense. In 2008 we allocated \$8,600,000 of funding for prostate cancer research to 20 separate sites in Australia. One of our initiatives for fundraising (Movember) has raised \$18,000,000 in 2008 as a single fundraising exercise.

EDUCATION/QUALIFICATIONS:

1957 - 1966	Xavier College - Head Prefect 1966
1972	MBBS - University of Melbourne, Medical School
1980	FRACS - Fellow Royal Australasian College of Surgeons, Urology, Melbourne
1998	MD - Doctorate in Medicine by Thesis: <i>Laser Tissue Interaction: Laboratory and Clinical Application of Laser in Tissue Welding and Prostatic Ablation</i> - passed December 1998, University of Melbourne, Australia

POSTGRADUATE TRAINING:

1973 - 1974	Intern, St Vincent's Hospital, Melbourne, Australia
1975	Lecturer in Anatomy, Melbourne University, Melbourne, Australia
1977 - 1978	General Surgical Registrar, St Vincent's Hospital, Melbourne, Australia
1978 - 1980	Urology Registrar, St Vincent's Hospital, Melbourne, Australia
1980 - 1981	Fellow in Urologic Oncology, University of Texas M.D. Anderson Cancer Center, Houston, Texas, USA Chairman: Professor Douglas E Johnson, MD

1981 - 1982	Senior Registrar in Urology, London Hospital, University of London, UK Department Head: Professor John P Blandy, MD
1985	Certified in Laser Surgery, American College of Surgeons, Houston, Texas, USA
1987	Certified in Laser Surgery, American College of Surgeons, Houston, Texas, USA
1989	Sabbatical: M.D. Anderson Cancer Center, Urologic Oncology, Houston, Texas, USA Supervisor: Professor D E Johnson
1989	Recertified in Laser Surgery: Nd: YAG, Argon, CO ₂ , KTP American College of Surgeons, Houston, Texas, USA
1989	Certified Prostatic Ultrasound, Stanford University, California, USA
2003	Robot-Assisted Laparoscopic Prostatectomy Urology Mini-Residency Course, The University of California Irvine, Medical Center, Orange, California, USA

CURRENT POSITIONS:

2001 - present	Professorial Fellow & Head Department of Urology, The Royal Melbourne Hospital, affiliated with Department of Surgery, University of Melbourne
2009 - present	Executive Director, Australian Prostate Cancer Research Centre, Epworth Richmond
2001 - present	Consultant Urologist, Peter MacCallum Cancer Institute, Melbourne
2001 - present	Consultant Urologist, Royal Women's Hospital, Melbourne
1990 - present	Senior Research Fellow, Department of Microsurgery Research, St Vincent's Hospital, Melbourne
2011 - 2012	Head, Department of Urology, Peninsula Health Services, Victoria
2006 - 2010	Head of Genitourinary Tumour Streams for The Royal Melbourne Hospital Tumour Group
2006 - 2008	Interim Chairman, Victorian Prostate Cancer Research Collaboration
2001 - 2004	Consultant Urologist, Williamstown Hospital, Melbourne
2000 - 2000	Consultant Urologist, Broadmeadows Health Service, Melbourne
1999 - 2001	Associate Professor, Department of Surgery University of Melbourne Director of Urology, The Royal Melbourne Hospital
1990 - 1999	Director, Department of Urology, St Vincent's Hospital, Melbourne
1990 - 1999	Director, Lithotripsy Services, Victoria
1994 - 1999	Director, Department of Urology, Western Hospital, Melbourne
1990 - 1999	Senior Associate, Department of Surgery, University of Melbourne

HONOURS & AWARDS:

2010	Honorary Fellowship of the Royal College of Surgeons in Ireland
2009	Best Poster Presentation (Localized Prostate Cancer), American Urological Association, Chicago

1999	Best Poster Presentation, World Congress of Endourology, Rhodes
1999	Australasian Urological Foundation, Bruce Pearson Fellowship
1991	Alban Gee Prize. Australasian Urological Society Best Scientific Presentation, Brisbane, Australia
1993	Best Clinical Presentation, American Society for Lasers in Surgery and Medicine, New Orleans
1980 - 1981	Sir Thomas Naughton Fitzgerald Travelling Surgical Fellow, Melbourne University - Scholarship for post-graduate study in Urologic Oncology. University of Texas, M.D. Anderson Cancer Center, Houston, Texas
2014	Xaverian Award, Xavier College, Melbourne

SPORTING AWARDS:

1966	Captain, Best & Fairest, First XVIII Football Team, Xavier College
1966	Captain, Swimming Team, Xavier College
1970	Full Blue Australian Rules Football, University of Melbourne
1974	A Grade Amateur Football Premiership, Melbourne University Blacks
1975 - 1976	President, Melbourne University Football Club
1984	Melbourne Marathon
1998	Invited Medical Director, President's Cup Golf Tournament
2001	Invited Medical Director, World Cup Match Play Championship

PROFESSIONAL SOCIETIES:

Fellow	Royal Australasian College of Surgeons
Member	Urological Society of Australasia
Member	British Association of Urological Surgeons
Member	American Urological Association
Member	American Society for Laser Surgery and Medicine
Member	Endourological Society
Member	Societe International D'Urologie
Member	Laser Institute of America
Member	Singapore Urological Society
Member	Asian Surgical Association
Member	Society of Photo-Optical Engineers
Member	University of Texas M.D. Anderson Cancer Center Alumni
Member	Australian Medical Association
Member	American Society for Laser Medicine and Surgery, Inc
Member	GU Global Group, Australian Representative
Member	Executive Committee, MD Anderson Cancer Center (MDACC) Urology Network
Elected Member	American Association of Genitourinary Surgeons, 2004
Charter Member	Society of Robotic Surgeons, 2009
Honorary Fellow	Royal College of Surgeons in Ireland

ACADEMIC & PROFESSIONAL APPOINTMENTS:

American Association of Genito-Urinary Surgeons

In 2004 Prof Costello was elected to the American Association of Genito-Urinary Surgeons. This is an international association of urologists, 50 American and 25 international, who have shown outstanding leadership in the field of urology internationally. Prof Costello is the only Australian urologist who has membership of this august society.

Cleveland Clinic, Glickman Urological Institute

Invited member of the International Advisory Board of the Cleveland Clinic Urological Institute.

- ³⁵/₁₇ Advisor, Australian Government on new technologies for surgery for benign prostatic disease
- ³⁵/₁₇ Advisor, Victorian Government on hospital planning for prostate surgery
- ³⁵/₁₇ Member, International Trials Group, MD Anderson Cancer Center, Texas
- ³⁵/₁₇ Member, Global Urology Trials Group (affiliated to EORTC)
- ³⁵/₁₇ Member, Victorian Genito-Urinary Oncology Group (affiliated to ACCV)
- ³⁵/₁₇ Member, Pan-European Expert Panel: Management strategies for BPH
- ³⁵/₁₇ Advisor to World Health Organisation on BPH
- ³⁵/₁₇ Consultant on Prostate Cancer to NCI, USA. 1999
- ³⁵/₁₇ Member, Surgical Advisory Council to Victorian Government Statewide Audit Surgical Morbidity & Mortality
- ³⁵/₁₇ Member, Australian Safety and Efficacy Register of New Interventional Procedures – Surgical
- ³⁵/₁₇ Member, Council for Surgery, Education & Standards, RMH
- ³⁵/₁₇ Board Member, Prostate Cancer Foundation of Australia, 2001-2010
- ³⁵/₁₇ Examiner in Urology, Royal Australian College of Surgeons
- ³⁵/₁₇ Editorial Board: Lasers in Surgery and Medicine
- ³⁵/₁₇ Editorial Board: British Journal of Urology
- ³⁵/₁₇ Review Panel: Journal of Urology
- ³⁵/₁₇ Review Panel: Journal of Endourology
- ³⁵/₁₇ Review Panel: Australian & New Zealand Journal of Surgery
- ³⁵/₁₇ Grant Assessor: Australian Kidney Foundation
- ³⁵/₁₇ Grant Assessor: NH & MRC
- ³⁵/₁₇ Chairman: Laser Committee, Royal Melbourne Hospital
- ³⁵/₁₇ Laser Safety Officer, Royal Melbourne Hospital
- ³⁵/₁₇ Consultant, Gerson Lehrman Group's Healthcare Council, New York
- ³⁵/₁₇ Member, International Advisory Board of the Cleveland Clinic Urological Institute
- ³⁵/₁₇ Editorial Consultant: Journal of Robotic Surgery
- ³⁵/₁₇ Nicola Roxon, Health Minister's Roundtable on Men's Health, Parliament House, Canberra, 2009
- ³⁵/₁₇ Invitation to submit to Senate - Inquiry into Men's Health re Prostate Cancer, 2009
- ³⁵/₁₇ Charter Member: Society of Robotic Surgeons
- ³⁵/₁₇ Editorial Board: Journal of Endourology, Part B: Videourology
- ³⁵/₁₇ Member, Australian Prostate Cancer Research Alliance
- ³⁵/₁₇ Panel Member, Medical Services Advisory Committee (MSAC), Dept of Health & Ageing (Review Brachytherapy for the Treatment of Prostate Cancer), 2011
- ³⁵/₁₇ Board of Consultants, African Journal of Urology

- ³⁵₁₇ Editorial Board: Current Urology Reports
³⁵₁₇ Grant Assessor 2013: UK Prostate Cancer Centre of Excellence
³⁵₁₇ Advisor, Medical Board of Australia (AHPRA)
³⁵₁₇ Advisor, Coroners Court of Victoria
³⁵₁₇ Advisor, Coroners Court of South Australia

FUNDED RESEARCH:

- 2014 Source: Movember
 Team Leader, University of Melbourne & Garvan Institute, NSW
Movember Grant: Prostate Bone Metastasis
 \$3,000,000
- 2013 – 2017 Source: Federal Government
Epworth Prostate Cancer Research
 \$6,500,000
- 2013 Source: Hospira
Educational Grant: Pelvic Floor Animation
 \$50,000
- 2012 Source: Hospira
Educational Grant: Prostate Cancer Management Animation
 \$100,000
- 2011 Source: NHMRC (Principal Investigator)
Investigation of intratumoural steroidogenesis as a mechanism of castration resistance in prostate cancer
 \$405,000
- 2009 - 2013 Source: Federal Government
Establishment Grant for the Australian Prostate Cancer Research Centre Epworth
 \$7,500,000
- 2006 Source: Victorian Government - AUS Industry Grant – Costello, Corcoran, Hovens
Funds for pre-clinical phase I and radical prostatectomy clinical studies
 \$665,000
- 2005 Source: Melbourne University - Costello, Corcoran, Hovens
Selenate as treatment for hormone refractory prostate cancer
 \$1,200,000
- 2004 Source: Federal Government National Continence Management Strategy (Co-Investigator)
Extension Study: Prospective randomised control trial of management strategies for patients with multiple sclerosis and significant urinary problems
 \$87,214

- 2003 Source: NHMRC (Principal Investigator)
Intracellular signaling pathways in development and tumourigenesis
Stipend: \$27,500 per annum x 3 years
- 2002 Source: Cytopia (Principal Investigator)
Novel JAK kinase inhibitors in the treatment of experimental hormone refractory prostate cancer
\$145,000
- 2002 Source: Abbott
M00-211. A Phase III, Randomised, Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of 10 mg Atrasentan in Men with Metastatic, Hormone-Refractory Prostate Cancer, April 19, 2001
- 2001 Source: Dept of Health. Victorian State Government (Co-Investigator)
Victorian waiting list prioritisation for prostatectomy study
- 2001 Source: Dept of Health & Aged Care: Innovative Grants – National Continence Management Strategy (Co-Investigator)
Randomised control trial bladder pressure management vs management based on symptoms and residual volume in patients with established multiple sclerosis
\$115,000
- 2001 - 2004 Source: NHMRC (Co-Investigator)
Psychiatric morbidity, quality of life and coping styles of patients with early stage and advanced prostate cancer
\$305,000
- 2001 - Source: EORTC (Co-Investigator)
Intergroup Study Protocol 30994 Randomised Phase III trial comparing immediate vs deferred chemotherapy after radical cystectomy in patients with pT3 – pT4 and/or N+ Mo TCC of the bladder
- 2001 - 2004 Source: Cancer Research Institute: Clinical Investigation Program (Co-Investigator) \$600,000
The role of BH3-only proteins in the control of cell death in the prostate
- 2001 Source: Yamanouchi / CSL (Co-Investigator)
Trans-European Research into the use of management policies of LUTS suggestive of BPH in primary healthcare
US\$3,000,000
- 2001 Source: TR & Rae Bourke Ditchfield Medical Research Fund
Prostate Cancer Chemoprevention
\$7,000

2000	Source: MD Anderson, University of Texas <i>Laser welding canine vesico-urethral anastomosis</i> US\$50,000
2000 - 2002	Source: Pfizer <i>Darifenacin Study</i>
2000	Source: Bruce Pearson Scholarship, Urological Society of Australia <i>Prostate Cancer Chemoprevention</i> \$50,000
1999 -	Source: Bioniche Inc Canada <i>Study of Intravesical Mycobacterial Wall Complex (MCC) for the treatment of carcinoma in situ of bladder cancer refractory to BCG</i> \$16,000
1998 - 2000	Source: US AMRMC PCRIP IDEA <i>Molecular staging of prostate bone metastasis</i> US\$335,659
1997 - 2000	Source: Johnson & Johnson <i>Indigo 830e diode laser in treatment of BPH</i> \$15,000
1997 - 2000	Source: Boston Scientific Corp <i>T3 Thermotherapy for BPH</i> \$12,000
1995 - 1997	Source: Indigo, Johnson & Johnson \$20,000 Title: Randomised study Indigo diode laser vs TURP in BPH
1992 - 1994	Source: Merck Sharpe & Dohme \$100,000 <i>Randomised study Finasteride vs placebo in BPH</i>
1991 - 1994	Source: Schering \$75,000 <i>Randomised study Flutamide vs placebo in BPH</i>

ACADEMIC SUPERVISION:

MS	Fairleigh Reeves - 2013/14
PHD	Niall Corcoran - 2005
AMS	Julia Shah - 2005 <i>Normal anatomy of seminal vesicle attachment to the prostate and correlation with pathological processes of prostate cancer spread to seminal vesicles</i>
MD	Tim Lerner - 2005
AMS	Matthew Brooks - 2005 <i>Cavernosal neuroanatomy</i>

MS	David Syme – 2001 <i>Hormonal influence on cavernous nerve regeneration</i>
MS	Jeremy Grummett – 2001 <i>Laser welded vesico-urethral anastomosis in radical prostatectomy</i>

ACADEMIC GRANTS FOR RESEARCH FELLOWS:

1991	Dr A Clarke: Royal Australian College of Surgeons Laser tissue welding
1992	Dr D Bolton: Royal Australian College of Surgeons Laser tissue welding
1995	Dr O Niall: St Vincent's Hospital Tissue effect of laser on the canine prostate
1995	Professor John Heaney: University of Melbourne Tissue effect of laser on the canine prostate
1996	Dr D Agarwal: St Vincent's Hospital Role of LHRH agonist in PSA stimulation in prostate cancer diagnosis
2001	Dr J Grummet: Department of Urology, Royal Melbourne Hospital Laser welded vesico-urethral anastomosis in radical prostatectomy
2004	Dr N Corcoran: Sir Benjamin Rank Fellowship, Melbourne Health Cell signaling in development and tumourigenesis
2009	Dr B Namdarian: Raelene Boyle RACS Scholarship

INVITED LECTURESHIPS:

1992	Visiting Professor, Queensland Urologic Society Annual Scientific Meeting
1992	Visiting Professor, S.A. Urologic Society Annual Scientific Meeting
1992	Faculty, World Congress of Endourology Austria
1993	Visiting Professor, University of Seoul
1993	Visiting Professor, Queen Mary Hospital, Hong Kong
1993	Visiting Professor, Singapore Urological Society Annual Scientific Meeting
1993	Faculty World Congress of Endourology Florence
1994	Visiting Professor, German Urological Meeting. University of Bochum, Koln
1994	Visiting Professor, New York University
1994	Invited Speaker, Societe Internationale d'Úrologie 23 rd Congress, Sydney
1994	Visiting Professor, Orange County Urological Society Meeting, CA
1994	Keynote Speaker, Royal Australasian College of Surgeons New Zealand, Annual Scientific Meeting, Palmerston NZ
1995	Invited Faculty, Instructional and Postgraduate Courses: <i>Laser Prostatectomy</i> . American Urological Association 90 th Annual Meeting, Las Vegas

- 1995 Invited Speaker, Annual James H McDonald Urological Seminar, Scottsdale, Arizona, Mayo Clinic
- 1995 Invited Panel Member, World Health Organization Consensus Panel on BPH, Monaco
- 1996 Invited Speaker, Photodynamic Therapy Congress, Melbourne
- 1996 Invited Speaker, 14th World Congress of Endourology and Shock Wave Lithotripsy, Melbourne
- 1996 Invited Faculty, Instructional and Postgraduate Courses: *Lasers and Other Technology for BPH*. American Urological Association 91st Annual Meeting, Florida
- 1997 Invited Panel Member, World Health Organization Consensus Panel on BPH, Paris
- 1997 Invited Faculty, Instructional and Postgraduate Courses: *Videos in Urology*: American Urological Association 92nd Annual Meeting, New Orleans
- 1998 Invited Faculty, 4th Asian Congress in Urology, Singapore
- 1998 Invited Faculty, Instructional and Postgraduate Courses: *Videos in Urology*: American Urological Association 93rd Annual Meeting, San Diego
- 1999 Invited Speaker, Urological Society of Australasia, Annual Scientific Meeting, Adelaide
- 1999 Visiting Professor, 50th Anniversary Dartmouth University Urology Department, New Hampshire
- 2000 Visiting Professor, MD Anderson Cancer Center, Houston, Texas
- 2001 Invited Speaker, Weighting the Wait, Managing Access to Elective Surgery Conference, Melbourne
- 2002 Invited Speaker, Societe Internationale d'Urologie, Stockholm. Quality of Life and Bladder Cancer
- 2003 Invited Speaker, Urological Society of Australasia, Annual Scientific Meeting, Queenstown, New Zealand
- 2003 Visiting Professor, American Association Uro-Genital Oncology Annual Meeting, San Antonio, USA
- 2003 Invited Speaker, 10th International Meeting of the Federation of Asean Urological Association, Manila, Philippines
- 2004 Invited Speaker, Urological Society of Australasia Annual Scientific Meeting, Newcastle, NSW
- 2004 Invited Speaker, Canadian Urologic Association Annual Meeting, Whistler, British Columbia, Canada
- 2004 Invited Speaker, 27th Congress of the Societe Internationale d'Urologie, Honolulu, Hawaii
- 2004 Invited Speaker, Urological Society of Australasia, Victorian State Meeting, Mt Martha, Victoria
- 2004 Invited Speaker, 7th Asian Congress of Urology, Hong Kong
- 2005 Invited Speaker, Urological Society of Australasia Annual Scientific Meeting, Melbourne, Victoria
- 2005 Invited Keynote Speaker, European Association of Urology Annual Meeting, Istanbul, Turkey
- 2005 Invited Speaker, American Association of Genitourinary Surgeons Annual Meeting, California
- 2005 Invited Post Graduate Course Teacher - Robotic Prostatatectomy, American Urological Association Meeting, San Antonio, Texas

- 2005 Invited Speaker, Indonesian Urological Association Annual Meeting, Bali, Indonesia
- 2006 Invited Speaker, Pacific Rim Robotics Symposium, Orange County, California
- 2006 Invited Speaker, Controversies in Prostate Cancer Diagnosis & Treatment Meeting - MD Anderson, Hawaii
- 2006 Invited Speaker, World Robotic Symposium, Ohio State University, Columbus, Ohio
- 2006 Invited Post Graduate Course Teacher - Robotic Prostatectomy, American Urological Association Meeting, Atlanta, Georgia
- 2006 Annual Meeting of the Royal College of Surgeons of Thailand, Pattaya, Thailand - Principal Guest
- 2006 Invited Speaker, 24th World Congress of Endourology, Cleveland, Ohio
- 2006 Invited Speaker, 8th Asian Congress of Urology, Bali, Indonesia
- 2006 Invited Speaker, 9th Annual Health Facilities Planning & Design Summit, Sydney, NSW
- 2006 Invited Speaker, 28th Congress of the Societe Internationale d'Urologie, Cape Town, South Africa
- 2007 Visiting Professor, University of British Columbia, Vancouver, Canada
- 2007 Invited Post Graduate Course Teacher - Robotic Prostatectomy, American Urological Association Meeting, Anaheim, California
- 2007 Invited Speaker, 29th Congress of the Societe Internationale d'Urologie, Paris, France
- 2008 Invited Speaker, Jackson Hole Urology Conference, Jackson Hole, Wyoming
- 2008 Invited Speaker, Urological Society of Australia & New Zealand, Hong Kong
- 2008 Invited Speaker, 9th Asian Congress of Urology, New Delhi, India
- 2008 Invited Speaker, Prostate Cancer Foundation of Australia National Conference, Gold Coast
- 2009 Invited Speaker, Urological Society of Australia & New Zealand, Gold Coast
- 2009 Invited Speaker, 4th Annual World Robotic Symposium, Orlando, Florida
- 2010 Invited Speaker, International Robotic Urology Symposium, Las Vegas, Nevada
- 2010 Invited Speaker, Charter Day Meetings, Royal College of Surgeons in Ireland, Dublin
- 2010 Invited Speaker, American Urological Association Meeting, San Francisco, California
- 2010 Invited Speaker, Australian-Canadian Prostate Cancer Research Alliance Symposium, Gold Coast
- 2010 Invited Speaker, European Robotic Urology Symposium, Bordeaux, France
- 2010 Invited Speaker, 19th National Conference on Incontinence, Alice Springs, NT
- 2011 Invited Speaker, 26th Annual European Association of Urology Congress, Vienna, Austria
- 2011 Invited Speaker, Inaugural Irish Robotic Prostatectomy Symposium, Galway, Ireland

- 2011 Invited Speaker, 26th Annual European Urology Congress, Vienna, Austria
- 2011 Invited Speaker, Inaugural Prostate Cancer Symposium, New York Academy of Medicine, New York
- 2011 Invited Speaker, Consensus Conference re Best Practices in Robotic-Assisted Radical Prostatectomy, Los Angeles
- 2012 Invited Speaker, 80th Annual Rotary International Conference, Melbourne
- 2012 Invited Speaker, American Urological Association Meeting, Atlanta, Georgia
- 2012 Presidential Invitation to address the British Association of Urological Surgeons Annual Meeting regarding Surgical Training – Keynote Lecture, Glasgow, Scotland
- 2012 Invited Speaker & Organising Committee, Global Congress on Prostate Cancer, Brussels, Belgium
- 2013 Invited Speaker, UCLH Symposium – Advanced Robotic Techniques in Urology, London
- 2013 Invited Speaker, Korean Prostate Society Annual Meeting, Seoul, South Korea
- 2013 Invited Speaker, USC International Robotic Live Surgery Symposium, Los Angeles
- 2013 Invited Speaker, American Urological Association Meeting, San Diego
- 2013 Visiting Professor, Guy’s Hospital, London
- 2014 Invited Speaker, American Urological Association Meeting, Orlando, Florida
- 2015 Invited Speaker, Global Congress on Prostate Cancer, Rome, Italy

NATIONAL & INTERNATIONAL CONFERENCE ORGANISATION:

- 1990 Course Director, *Laparoscopy in Urology*. St Vincent’s Hospital, Melbourne
- 1993 Course Director, *Towards 2000. Alternative Therapies for BPH*. St Vincent’s Hospital, Melbourne
- 1994 Course Director, *Nd:YAG Laser Prostatectomy*. St Vincent’s Hospital, Melbourne
- 1996 Course Director, *Continence*. Western Hospital, Melbourne
- 1996 Scientific Director, 14th World Congress of Endourology and Shock Wave Lithotripsy, 12th Basic Research Symposium, Melbourne
- 1997 Course Director, Convenor, *Laser Symposium*. St Vincent’s Hospital, Melbourne
- 2000 Course Director, Convenor, *National Prostate Cancer Symposium*. The Royal Melbourne Hospital
- 2001 Course Director, Convenor, 2nd National Prostate Cancer Symposium. The Royal Melbourne Hospital
- 2002 Course Director, Convenor, 3rd National Prostate Cancer Symposium. The Royal Melbourne Hospital
- 2003 Course Director, Convenor, 4th National Prostate Cancer Symposium. The Royal Melbourne Hospital

- 2004 Course Director, *Laser Safety and Clinical Applications Course*. The Royal Melbourne Hospital
- 2004 Course Director, *Laser Safety and Clinical Applications Course*. The Royal Melbourne Hospital
- 2004 Course Director, Convenor, *5th National Prostate Cancer & Telerobotic Surgery Symposium*. Epworth Hospital
- 2005 Course Director, Convenor, *6th National Prostate Cancer Symposium*. The Royal Melbourne Hospital
- 2006 Course Director, Convenor, *7th National Prostate Cancer Symposium*. The Royal Melbourne Hospital
- 2007 Course Director, Convenor, *8th National Prostate Cancer Symposium*. The Royal Melbourne Hospital
- 2008 Course Director, Convenor, *9th National Prostate Cancer Symposium*. The Royal Melbourne Hospital
- 2009 Course Director, Convenor, *10th National Prostate Cancer Symposium*. The Royal Melbourne Hospital
- 2010 Course Director, Convenor, *11th National Prostate Cancer Symposium*. The Royal Melbourne Hospital
- 2011 Course Director, Convenor, *12th Australasian Prostate Cancer Conference*. Australian Prostate Cancer Research Centre, Melbourne
- 2012 Course Director, Convenor, *13th Australasian Prostate Cancer Conference*. Australian Prostate Cancer Research, Melbourne
- 2013 Course Director, Convenor, *Prostate Cancer World Congress (incorporating the 14th Australasian Prostate Cancer Conference)*. Australian Prostate Cancer Research, Melbourne
- 2014 Course Director, Convenor, *15th Asia-Pacific Prostate Cancer Conference*. Australian Prostate Cancer Research, Melbourne
- 2015 Course Director, Convenor, *Prostate Cancer World Congress (incorporating the 16th Asia-Pacific Prostate Cancer Conference)*. Australian Prostate Cancer Research, Cairns

INTERNATIONAL PATENTS:

1. US PATENT 5322507: Endoscope for laser prostatectomy
2. US PATENT 2004905422: 2005 US Patent for selenate in cancer therapy
3. Inorganic selenium for treatment of Cancer Corcoran NM, Costello AJ, Hovens CM Australia /US PCT application, filed February 2005, funded by Velacor Therapeutics Pty Ltd
4. A treatment for Hormone responsive cancers. Corcoran NM, Costello AJ, Hovens CM. US provisional application, filed February 2006, funded by Velacor Therapeutics Pty Ltd
5. A treatment for benign tumours. Corcoran NM, Costello AJ, Hovens CM. US provisional application, filed February 2006, funded by Velacor Therapeutics Pty Ltd

6. Methods and compositions for treating a hormonal condition Corcoran NM, Costello AJ, Hovens CM. US provisional application, filed Sep 2007
7. Methods and compositions for treating gynecological cancer Corcoran NM, Costello AJ, Hovens CM. US provisional application, filed Sep 2007
8. Methods and compositions for preparing hormone depleted serum Corcoran NM, Costello AJ, Hovens CM. US provisional application, filed Sep 2007
9. Methods and compositions for traeting prostate cancer Corcoran NM, Costello AJ, Hovens CM. US provisional application, filed March 2007
10. Methods and compositions for the reproductive management of animals Corcoran NM, Costello AJ, Hovens CM. US provisional application, filed Sep 2007

FELLOWSHIP PROGRAM:

1991	Dr Winsor Bowsher, UK
1991	Dr Anita Clarke, Australia
1992	Dr Damien Bolton, Australia
1992	Dr Brian Shaffer, USA
1994	Dr Tom Kingston, USA
1994	Dr Albrecht Nonnenmacher, Germany
1995	Dr Dennis Lusaya, Phillipines
1995	Dr Mark Hirschhorn, USA
1995	Dr Dinesh Agarwal, India
1996	Dr Owen Niall, Australia
1996	Professor John Heaney, USA
1997	Dr Gary Loden, USA
1997	Dr Enoch Gan, Singapore
1999	Dr Monish Aron, India
2000/01	Dr Tim Lerner, UK
2001	Dr A C N Nandasena, Sri Lanka
2001	Dr Owen Cole, UK
2001	Dr Tat Low Ng, Malaysia
2002	Dr Niall Corcoran, Australia
2002	Dr Harbinder Sharma, UK
2003	Dr Hodo Haxhimolla, Australia
2004	Dr Caroline Dowling, Australia
2004/05	Dr David Bouchier-Hayes, Ireland
2004/05	Dr Scott Van Appledorn, USA
2004/05	Dr Navid Berdjis, Germany
2005/06	Dr Paddy O'Malley, Ireland
2005/06	Dr Herkanwal Khaira, USA
2005/06	Dr Franck Bruyere, France
2006/07	Dr Giorgio Bozzini, Italy
2006/07	Dr Bryan Voelzke, USA
2006/07	Dr Jeremy Ockrim, UK
2007/08	Dr Declan Murphy, UK

2007/08	Dr Rajiv Goel, India
2008/09	Dr Tim Bradford, USA
2008/09	Dr Chris Kyle, USA
2008/09	Dr Ben Challacombe, UK
2009/10	Dr Subhasis Giri, Ireland
2009/10	Dr Robin Weston, UK
2010/11	Dr Paul Gilmore, UK
2010/11	Dr Stephen Connolly, UK
2010/11	Dr Paul Cathcart, UK
2011/12	Dr Tom Walton, UK
2011/12	Dr George Martin, USA
2011/12	Dr Anthony Van Baelen, Belgium
2012/13	Dr Jim Duthie, NZ
2012/13	Dr Kevin O'Connor, Ireland
2012/13	Dr Lincoln Tan, Singapore
2013/14	Dr Reid Graves, USA
2013/14	Dr Wouter Everearts, Belgium
2014/15	Marc Paffen, The Netherlands
2014/15	Vincent Tang, UK

PUBLICATIONS:

1. Tiptaft R, Costello AJ. *The long term followup of idiopathic retroperitoneal fibrosis.* BJU. 1982;54:620-4.
2. Bowsher WG, Shah P, Costello AJ. *Critical appraisal of the Boari flap.* BJU. 1982;54:682-5.
3. Costello AJ, Blandy JP, Hatley W. *Percutaneous aspiration of renal cortical abscess.* Urol. 1983;21:201-4.
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