

Dr Raji Kooner

Urologist and Robotic Prostate Surgeon · Sydney

AHPRA MED0001133018

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NAME AND REGISTRATION

- **Name:** Dr Raji Kooner
- **AHPRA Registration:** MED0001133018

QUALIFICATIONS

- **MBBS (Hons)** - University of Sydney, 1985
- **FRACS (Urology)** - Fellow of the Royal Australasian College of Surgeons

POSTGRADUATE TRAINING

- **General Surgery training** - completed 1994
- **Urological Surgical Fellowship** - completed 1996, across teaching hospitals in Sydney
- **Clinical Research Fellow and Temporary Urology Consultant** - Charing Cross and Chelsea & Westminster Hospitals, London, UK, 1997-1998
- **Single Port Robotic Surgery** - advanced one-on-one laboratory training, Intuitive Surgical Headquarters, Sunnyvale, California, USA

CURRENT APPOINTMENTS

- **Principal**, Urology NSW
- **Head of Urology**, Mater Hospital, North Sydney
- **Urological and Robotic Surgeon**, St Vincent's Private Hospital - Department of Urology
- **Academic appointments** - University of New South Wales; University of Notre Dame Australia
- **Multidisciplinary team member** - The Kinghorn Cancer Centre Urological Cancer MDT

CONSULTING LOCATIONS

- **Main rooms** - Suite 1303, Level 13, St Vincent's Private Hospital, 406 Victoria Street, Darlinghurst NSW 2010
- St Vincent's Clinic - Suites 905 & 902, 438 Victoria Street, Darlinghurst
- **Mater Clinic**, North Sydney - Suite 1.12, Level 1, 3-9 Gillies Street
- **Bowral Office** - Suite 9, 70 Bowral Street, Bowral (Southern Highlands Private Hospital admitting)
- East Sydney Private Hospital - 75 Crown Street, Woolloomooloo

CLINICAL INTERESTS AND EXPERTISE

Prostate cancer

- Robot-assisted radical prostatectomy (multi-port and single port)
- Open and laparoscopic radical prostatectomy
- Focal therapy - NanoKnife (irreversible electroporation)
- Transperineal MRI / ultrasound-fusion guided biopsy
- PSMA PET-directed staging and management

Benign prostatic enlargement (BPH)

- UroLift
- Rezum water-vapour therapy
- iTind (Temporary Implantable Nitinol Device)
- Holmium (HoLEP) and Moses laser enucleation
- GreenLight laser prostatectomy

Kidney, upper tract and adrenal surgery

- Robotic and laparoscopic nephrectomy and partial nephrectomy
- Complex kidney stone surgery
- Adrenalectomy

General urology

- Bladder cancer
- Testicular cancer
- Erectile dysfunction and urinary incontinence
- Urological infections

AWARDS AND ACADEMIC RECOGNITION

- **Sir John Loewenthal Prize** - Surgery and Clinical Surgery, University of Sydney.
- **Clinical Demonstrator, Master Classes in Advanced Endourology** - World Congress of Endourology, Edinburgh 1997; Australasian Urological Society Annual Scientific Meeting, Sydney 2000.

PIONEERING FIRSTS AND LEADERSHIP

- Performed **the first robot-assisted radical prostatectomy in NSW** and completed over 75% of NSW cases in the first year of the programme.
- Performed **the first robot-assisted nephrectomy for kidney cancer in Australia**.
- Performed **the first robot-assisted pyeloplasty for PUJ obstruction in NSW**.
- Performed **the first robot-assisted adrenal gland removal in Australia**.
- Pioneered the **Robotic Prostate Cancer Surgical Programme** in NSW.

- Completed **over 3,000 robotic urological procedures** to date, formally recognised by Intuitive Surgical / Device Technologies in November 2025 - in over 3,000 radical robot-assisted prostatectomies, no patient has required a blood transfusion.
- One of the first surgeons in Australia to perform **transperineal ultrasound / MRI-fusion guided prostate biopsy**.
- **First pure Single Port robotic prostate procedure in NSW** - 15 January 2026, supported by Dr Ryan Nelson (USA).
- Routinely uses **intraoperative frozen-section pathology** during robotic prostatectomy - a technique very few surgeons in Australia employ.
- Implanting iTind since September 2022 - has performed **more than 50 iTind procedures, the largest series in the Asia-Pacific region**, formally recognised by Olympus Australia & New Zealand in August 2025.
- Under his leadership, the Mater Hospital, North Sydney, has performed the largest number of iTind procedures in the Asia-Pacific region.
- Performed **over 200 Rezum water-vapour therapy procedures**, formally recognised by Boston Scientific in June 2023.
- Performed **over 150 UroLift System procedures**, formally recognised by the Teleflex Academy in April 2025.

TEACHING, MENTORING AND INTERNATIONAL TRAINING

Personally mentored by, and regularly visits, leading international pioneers in robotic and laparoscopic urological surgery, including:

- Dr Vip Patel - Orlando, FL, USA
- Dr Mani Menon - Henry Ford Hospital, Detroit
- Dr Thomas Ahlering - UCLA, Los Angeles
- Dr Bertrand Guillonnet - Memorial Sloan Kettering, New York
- Dr Claude Abbou - Créteil Hospital, Paris
- Dr Chris Eden - Basingstoke, UK

Mentors and proctors surgeons in robotic urological surgery in Australia and internationally. Actively involved in prostate cancer research; regularly reviews his own operative data and outcomes, and presents results at national and international meetings.

INVITED PRESENTATIONS AND CONFERENCE ACTIVITY

- **World Urology Conference (SIU), 2004** - presentation of open radical prostatectomy outcome data.
- **Laparoscopic Prostatectomy Conference, Sydney, 2004** - organised by Dr Kooner with international expert Dr Bertrand Guillonnet.
- **NSW Urology Conference, 2006** - laparoscopic prostatectomy outcomes.
- **Australasian Urological Society Annual Scientific Meeting, February 2007.**

- **Society of International Urology (SIU) Congress, Paris, September 2007** - "*Successful Implementation of a Robotic Prostatectomy Program: A No-Complication Learning Curve*" (Kooner R, et al.).
- **Australasian Urological Society Meetings, 2008 and 2009** - robot-assisted prostatectomy outcomes.
- **European Association of Urology Annual Congress, 2009** - robot-assisted prostatectomy outcomes.
- **1st Asia Pacific Prostate MRI Conference, Melbourne, August 2014** - invited speaker.
- **EAU Robotic Urology Section (ERUS) Annual Meeting, 2019** - Dr Kooner's educational video used as the main teaching video.

PUBLICATIONS AND RESEARCH

Dr Kooner has co-authored peer-reviewed studies in prostate cancer imaging, radical prostatectomy outcomes, prostate cancer biology, brachytherapy and urological oncology.

- **2026** - *Prospective Comparison of ^{64}Cu SAR-bisPSMA vs ^{68}Ga PSMA-11 PET/CT for Biochemical Recurrence of Prostate Cancer Following Radical Prostatectomy (Co-PSMA Trial).* European Urology.
- **2025** - *Real-world clinical outcomes of oligometastatic prostate cancer using SBRT: An Australian experience.* BJUI Compass.
- **2021** - *The Additive Diagnostic Value of PSMA PET/CT to Multiparametric MRI Triage in the Diagnosis of Prostate Cancer (PRIMARY): A Prospective Multicentre Study.* European Urology.
- **2019** - *Diagnostic accuracy of ^{68}Ga -PSMA PET and multiparametric MRI for intermediate-grade intra-prostatic prostate cancer using whole-mount pathology.* BJU International.
- **2019** - *^{68}Ga -HBEDD PSMA-11 PET/CT staging prior to radical prostatectomy: diagnostic and predictive value for the biochemical response to surgery.* British Journal of Radiology.
- **2006** - *Aberrant neuropeptide Y and macrophage inhibitory cytokine-1 expression are early events in prostate cancer development and are associated with poor prognosis.* Cancer Epidemiology, Biomarkers & Prevention.
- **2005** - *Lower levels of nuclear β -catenin predict for a poorer prognosis in localized prostate cancer.* International Journal of Cancer.
- **2004** - *Loss of BMP2, Smad8 and Smad4 expression in prostate cancer progression.* The Prostate.
- **2004** - *Membranous expression of secreted frizzled-related protein 4 predicts for good prognosis in localized prostate cancer and inhibits PC3 cellular proliferation in vitro.* Clinical Cancer Research.
- **2003** - *Prognostic significance of Gleason pattern in patients with Gleason score 7 prostate carcinoma.* Cancer.
- **2003** - *Expression of the zinc transporter ZnT4 is decreased in the progression from early prostate disease to invasive prostate cancer.* Oncogene.
- **2003** - *Treatment of localized prostate cancer using a combination of high dose rate Iridium-192 brachytherapy and external beam irradiation: initial Australian experience.* Australasian Radiology.
- **2003** - *Prognostic significance of preoperative factors in localized prostate carcinoma treated with radical prostatectomy.* Cancer.
- **2001** - *Prognostic significance of pathologic features in localized prostate cancer treated with radical prostatectomy: implications for staging systems and predictive models.* Journal of Clinical Oncology.
- **2001** - *Frequent loss of estrogen receptor- β expression in prostate cancer.* Cancer Research.

- **1998** - *Vascular interventions during post-chemotherapy retroperitoneal lymph-node dissection for metastatic testis cancer*. European Journal of Surgical Oncology.
- **1998** - *Wedge resection of pulmonary metastases from cancer of the testis or kidney using a vascular staple device*. British Journal of Urology.

Invited book and proceedings contributions:

- Kooner R, Stephenson R. *Minimally Invasive Prostate Surgery*. St Vincent's Clinic Proceedings 2015; Vol 23(1). [PDF](#)
- Stricker P, Kooner R. *New Technologies for Prostate Cancer - Robotic Radical Prostatectomy and High Intensity Focused Ultrasound*. St Vincent's Clinic Proceedings 2007.

[View the full publications list with authors, citations and PubMed links →](#)

SCHOOL ACHIEVEMENTS

- Graduated with honours from GyMEA High School - **Higher School Certificate 453/500 (Top 1%)**.
- **School Prefect** - GyMEA High School.

SPORTING ACHIEVEMENTS

- **NSW Combined High Schools Blue Award** for outstanding performance in sport.
- **Sportsman of the Year** - GyMEA High School.
- **Hockey** - NSW Combined High Schools Hockey Team (three years, Vice Captain 1979); NSW Junior Hockey Team (under-15) 1976; NSW Men's Indoor Hockey Squad 1978; Captain, School Hockey Team (State Semi Finalists) 1979; Sutherland Shire Men's First Grade 1977-1986 (Player of the Year 1980); St George Men's First Grade 1993-1996.
- **Cricket** - Captain, School Cricket Team 1979; Sutherland Shire Representative Cricket Team (under-16, under-21, under-23).
- **Table Tennis** - School Table Tennis Team, State Finalists 1979.
- Other sporting interests include golf, tennis, squash and snow skiing.

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

- Fellow, Royal Australasian College of Surgeons (FRACS - Urology)
- Urological Society of Australia and New Zealand (USANZ)
- Australian Medical Association (AMA)
- Urological and Robotic Surgeon, St Vincent's Private Hospital
- Active member, Kinghorn Cancer Centre Urological Cancer MDT
- Clinical affiliations: St Vincent's Private Hospital; St Vincent's Clinic; Mater Hospital North Sydney; Southern Highlands Private Hospital; St Luke's Private Hospital; East Sydney Private Hospital

CERTIFICATES OF ACHIEVEMENT

Procedural volume milestones referenced above have been formally recognised by the device manufacturers. The certificates below are reproduced here in full.



Intuitive Surgical / Device Technologies - 3,000 da Vinci robotic procedures (11 November 2025).

Rezūm™
Water Vapor Therapy

**Boston
Scientific**

CERTIFICATE OF ACHIEVEMENT

This certificate is awarded to

Dr Raji Kooner

on the milestone of performing **200 procedures** with the
Rezūm Water Vapor Therapy System



Pat Callanan
Business Unit Director Urology ANZ

June 2023
Date

Boston Scientific - 200 Rezum water-vapour therapy procedures (June 2023).



Olympus Australia & New Zealand - 50 iTind implants, the largest number in Asia Pacific to date (29 August 2025).



UROLIFT™

Certificate of UroLift™ Procedure

This is to certify that

Dr. Raji Kooner

has completed their

150th

UROLIFT™ System Procedure



April 2025

Date of Certification

Midori Fukushima

Clinical & Medical Affairs

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Teleflex™
Empowering the future of healthcare

The Teleflex Academy - 150th UroLift System procedure (April 2025).

CONTACT

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