



Dr. Rajeev Kumar
Professor and Head

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Areas of special interest:

Clinical:

- Minimally invasive (Laparoscopic and Robotic) Urology
- Surgery of the adrenal gland
- Microsurgery for male infertility

Research:

- Magnetic resonance techniques for prostate cancer
- Etiology of male infertility

Current Appointments:

- Editor, *The National Medical Journal of India* ([NMJI](#))
- Secretary General-Elect, *Urological Association of Asia* ([UAA](#))
- Past-President, *Société Internationale d'Urologie* ([SIU](#))
- International consulting editor: *Journal of Urology*
- Faculty in charge, *Andrology and Male Infertility clinic*

Selected Publications: ([ORCID Record](#))

1. Kumar R, Mellon JK. Urinary Symptoms and investigations. In: O'Connell PR, McCaskie A, Sayers R, editors. *Bailey & Love's Short Practice of Surgery*. 28th ed. CRC Press, Great Britain. 2023;pp 1447-1465
2. Agarwal K, Gupta M, Kumar R, Ramachandaran R, Tandon N. Surgical and Functional Outcomes of Adrenalectomy by Urologists: a 17-Year Cohort Review. *Indian J Urol*. 2026;42(1)24-29
3. Pirzada SFM, Seth A, Nayyar R, Nayk B, Kumar R. Anterior versus posterior first approach for robot assisted radical prostatectomy- perioperative, functional, and oncological outcomes. *Prostate Int*. 2025;13(3): 137-141
4. Agarwal K, Kumar R, Ramachandaran R, Tandon N. Abdominopelvic paragangliomas: a cohort review of 15-year experience. *Indian J Surg*. 2025;doi.org/10.1007/s12262-024-04212-9
5. Arulraj K, Sharma S, Das CJ, Seth A, Kumar R. Negative MRI cannot be used to omit an initial prostate biopsy-an ambispective study. *Prostate Int*. 2024;12:128-133

6. Gurnani N, Goel R, Kumar M, Dada R, Kumar R. Unilateral Versus Bilateral Vaso-Epididymal Anastomosis for Idiopathic Obstructive Azoospermia: A Randomized Controlled Trial. *Eur Urol Open Sci.* 2023;52:30-35
7. Modi A, Singh P, Seth A, Kumar R. Serum prostate-specific antigen trends and prostate cancer detection on follow-up in men with a prior negative biopsy: A cohort study. *Indian J Urol.* 2023;39:292-296
8. Sridhar P, Kumar R. Outcomes of robotic surgery for low-volume surgeons. *Soc Int Urol J.* 2022;3(5):323–330
9. Garg H, Seth A, Kumar R. Impact of previous transurethral resection of prostate on robot-assisted radical prostatectomy: a matched cohort analysis. *J Rob Surg.* 2022;10.1007/s11701-021-01348-8
10. Sharma AP, Sharma G, Kumar R. Systematic review and meta-analysis on effect of Carnitine, Coenzyme Q10 and Selenium on pregnancy in couples with idiopathic male infertility. *Urology.* 2021; 161:4-11
11. Garg H, Singh P, Seth A, Kumar R. Changing trends in robot-assisted radical prostatectomy: inverse stage migration-a retrospective analysis. *Prostate Int.* 2021; 9:157-162
12. Kaushal R, Gurnani N, Kumar M, Dada R, Kumar R. Male infertility in India: Demographics, aetiology and outcomes of standard clinical practice. *Natl Med J India.* 2020;33:340-343
13. Prakash P, Ramachandran R, Tandon N, Kumar R. Open surgery for pheochromocytoma: Current indications and outcomes from a retrospective cohort. *Indian J Urol.* 2020;36:21-5
14. Tiwari DP, Razik T, Das CJ, Kumar R. Prospective analysis of factors predicting feasibility & success of longitudinal intussusception vasoepididymostomy in men with idiopathic obstructive azoospermia. *Indian J Med Res.* 2019;149:51-56
15. Kaushal R, Das CJ, Singh P, Dogra PN, Kumar R. Multiparametric magnetic resonance imaging transrectal ultrasound fusion biopsies increase the rate of cancer detection in populations with a low incidence of prostate cancer. *Investig Clin Urol.* 2019;60:156-161
16. Prakash P, Ramachandran R, Tandon N, Kumar R. Changes in blood pressure, blood sugar, and quality of life in patients undergoing pheochromocytoma surgery: a prospective cohort study. *Indian J Urol.* 2019;35:34-40
17. Bandewar SVS, Aggarwal A, Kumar R, Aggarwal R, Sahni P, Pai SA. Medical Council of India's amended qualifications for Indian medical teachers: Well intended, yet half-hearted. *Indian J Urol.* 2018;34: 3-6 (Simultaneous publication in 6 journals)
18. Kumar R. A new era of Asian urology: a SWOT analysis. *Nat Rev Urol.* 2016;13:685-689.
19. Rao N, Ramachandran R, Tandon N, Singh P, Kumar R. Surgical and hemodynamic outcomes in pheochromocytoma surgery: a prospective cohort study. *Urology.* 2016;98:103-106.
20. Aggarwal R, Gogtay N, Kumar R, Sahni P, for the Indian Association of Medical Journal Editors. The revised guidelines of the Medical Council of India for academic promotions: Need for a rethink. *Indian J Urol* 2016;32:1-4 (Simultaneous publication in 22 journals)
21. Garg H, Kumar R. An update on the role of medical treatment including antioxidant therapy in varicocele. *Asian J Androl.* 2016;18:1-7
22. Garg H, Kumar R. Empirical drug therapy for idiopathic male infertility: what is the new evidence? *Urology.* 2015; 86:1065-75
23. Kumar R, Nayak B. Robotic versus conventional laparoscopic pyeloplasty: A single surgeon concurrent cohort review. *Indian J Urol.* 2013;29:19-21
24. Kumar R, Anand A, Saxena V, Seth A, Dogra PN, Gupta NP. Safety and efficacy of PCNL for management of staghorn calculi in pediatric patients. *J Pediatr Urol.* 2011;7:248-51
25. Kumar R, Mukherjee S, Gupta NP. Intussusception Vasoepididymostomy with Longitudinal Suture Placement for Idiopathic Obstructive Azoospermia. *J Urol.* 2010; 183:1489-92

26. Kumar R, Mukherjee S. 4x4 vasovasostomy: a simplified vasectomy reversal technique. *Indian J Urol.* 2010;26:350-2

Major awards and recognitions:

Academic

- Urology Gold Medal for Best Post Graduate, AIIMS, 2001
- Institute Medal for Best Graduate, AIIMS, 1993
- Institute Prize for Best Graduate in Surgery, AIIMS, 1993
- Institute Prize for Best Graduate in Medicine, AIIMS, 1993
- Institute Prize for Best Graduate in Obstetrics and Gynaecology, AIIMS, 1993
- Institute Prize for Best Graduate in Pharmacology, AIIMS, 1991
- Institute Prize for Best Graduate in Physiology and Biochemistry, AIIMS, 1990
- New Zealand High Commissioner's Prize, AIIMS, 1993
- Institute Merit Scholarship, AIIMS, 1990-1994

Others

- Félix-Guyon Medal, *Société Internationale d'Urologie* (2026)
- Associate Dean (Academics), AIIMS New Delhi (2017-2024)
- Editor, *Indian Journal of Urology* (2014-2023)
- Elected Member, *American Association of Genitourinary Surgeons*, 2023
- Fellow, *National Academy of Medical Sciences*, 2020
- Pinnamaneni Venkateswara Rao Oration, *Urological Society of India*, 2020
- Dr PB Sivaraman endowment lecture: *SZC-Urological Society of India*, 2016
- International Surgical Education Scholarship, *American College of Surgeons*, 2014
- DUSCON Gold Medal for Clinical Research in Urology, 2014
- Dr Roy Chally Oration: *Urological Association of Kerala*, 2013
- International Guest Scholarship, *American College of Surgeons*, 2011
- Outstanding Young Urologist, *Urological Association of Asia*, 2010
- DUSCON Award and Gold Medal for Basic Research in Urology, 2010
- Chakroborty Fellowship: Visiting Clinician, Mayo Clinic, USA, 2007
- MIUC Fellowship, *Urological Society of India*, 2007
- ICRETT Fellowship, *UICC, Geneva*: Mayo Clinic, USA, 2006