

Special Issue on
**The Influence of Robotic Surgery and Novel Technologies
on Urological Procedures**

CALL FOR PAPERS

Robotic radical prostatectomy opened the gates for the introduction of robotic technology to urological surgery and has been widely adopted worldwide. However, the utility of robotic platform was soon realized and over the past decade it has been applied to a wide plethora of urological procedures.

The magnified three-dimensional vision and articulated wrist movement have allowed for complex urological surgeries to be performed in a minimally invasive fashion without compromising oncological or functional outcomes. Smaller incision, earlier recovery, reduced blood loss, and lower complication rates have been demonstrated in a plethora of urological procedures when compared to the open counterparts.

In this special issue we aim to provide an overview of the full range of urological procedures performed with the aid of robotic technologies. We also endeavor to highlight the new technological innovations that are developed along with robotic platforms. These include but are not limited to advances in imaging guided surgery, augmented reality surgery, and automated surgery. We encourage and especially welcome submissions relating to these latter topics. We also aim to investigate whether there is true health value in using such technologies and explore the advantages or disadvantages of utilizing such technologies for various urological procedures.

Although initially robotic surgery was limited to a single robotic system in urology, other platforms are on the horizon and we aim to examine their utility in the modern urological practice.

Potential topics include but are not limited to the following:

- ▶ Techniques in robotic radical prostatectomy
- ▶ Robotic partial nephrectomy
- ▶ Robotic nephroureterectomy
- ▶ Robotic ureteric surgery
- ▶ Robotic radical cystectomy and intracorporeal urinary diversion
- ▶ Robotic retroperitoneal lymph node dissection
- ▶ Robotic renal transplantation
- ▶ Robotic fertility procedures and robotic nephrectomy with IVC thrombectomy
- ▶ Robotics in pediatric urology
- ▶ Novel robotic urological procedures
- ▶ Image guided surgery
- ▶ 3D printing and automated surgery

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/au/irsnt/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

Lead Guest Editor

Homayoun Zargar, University of Melbourne, Melbourne, Australia
homi.zargar@gmail.com

Guest Editors

Riccardo Autorino, Virginia Commonwealth University, Richmond, USA
ricautor@gmail.com

Kamran Zargar-Shoshtari, Auckland University, Auckland, New Zealand
kamran.zargar@gmail.com

Rajesh Nair, Guy's and St. Thomas' NHS Foundation Trust, London, UK
drrajnair@hotmail.com

Submission Deadline

Friday, 5 October 2018

Publication Date

February 2019