

## Academic Contributions: Paper and Poster Presentations at National Conferences

Dr. Arunkumar Sengottaiyan has actively contributed to urological research through presentations at prestigious national conferences, demonstrating his expertise in clinical innovation and evidence-based practice.

### Paper Presentations:

#### · USICON 2017 (Urological Society of India Conference)

- **Title:** *"Instillation of Povidone Iodine into the Bladder Prior to Catheter Change to Reduce Urinary Tract Infection Associated with Prolonged Catheterization"*
- **Significance:** This study explored a cost-effective, prophylactic measure to minimize catheter-associated urinary tract infections (CAUTIs), a critical concern in long-term catheterized patients. The findings provided valuable insights into infection control protocols in urological practice.

#### · SZUSICON 2016 (South Zone Urological Society of India Conference)

- **Title:** *"A Study on the Role of Fine Needle Aspiration Cytology of Testes in Azoospermia"*
- **Significance:** This research evaluated the diagnostic efficacy of testicular fine-needle aspiration cytology (FNAC) in male infertility cases, offering a minimally invasive alternative to conventional biopsy techniques for assessing spermatogenic function.

### Poster Presentations:

#### · USICON 2017

- **Title:** *"Ectopic Pelvic Kidney Presenting with Ureteropelvic Junction Obstruction and Pelvic Calculus – Case Reports"*
- **Significance:** This presentation highlighted rare anatomical variations and their clinical implications, emphasizing the importance of tailored surgical approaches in managing complex congenital anomalies.

- **TAPASUCON 2016 (Tamil Nadu and Pondicherry Urological Society Conference)**

- **Title:** *"Three Case Reports of Retrocaval Ureter with Contralateral Renal Hypoplasia"*
- **Significance:** The poster detailed diagnostic and therapeutic challenges in retrocaval ureter cases, underscoring the role of advanced imaging and reconstructive techniques in preserving renal function.

### **Peer-Reviewed Journal Publications**

Dr. Arunkumar's research contributions extend to publications in reputed medical journals, reflecting his multidisciplinary expertise:

- **IOSR Journals**

- **Title:** *"A Prospective Study of Inside-Out Transobturator Tape for the Treatment of Female Stress Urinary Incontinence – Our Institutional Experience"*
- **Key Findings:** This study assessed the efficacy and safety of the transobturator tape (TOT) procedure, providing clinical outcomes that reinforced its role as a reliable minimally invasive treatment for stress urinary incontinence.
- **Title:** *"Breast Conservative Surgery in Breast Cancer Patients – 6-Year Experience"* (General Surgery)
- **Key Findings:** Demonstrating his broad surgical acumen, this publication analyzed long-term oncological and cosmetic outcomes of breast-conserving surgeries, advocating for patient-centric approaches in oncological management.