

Global Summit on **NEPHROLOGY, UROLOGY AND KIDNEY TRANSPLANTATION**

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Laparoscopic mitrofanoff for valve bladder**N Mallikarjuna reddy***Dept. Of Urology and Pediatric Urology and Robotic Urology, Citizens Hospital , India*

The Mitrofanoff principle is based on implantation of a supple tube within a submucosal tunnel with firm muscular backing. Reservoir pressure during filling coats the catheterizable channel to prevent leakage and provide continence. The potential benefits of the laparoscopic or Robotic approach include decreased postoperative pain, shorter hospital stay and improved cosmesis.

Procedure: Appendix as a supple tube is dissected with its pedicle. The Mesoappendix is dissected and the blood supply is preserved. It is anastomosed to the bladder anteriorly or posteriorly. The exit is brought out in the right iliac fossa or at the umbilicus. This allows the the child to catheterise painlessly and without shame.

Indications: All children on CSIC from childhood at school going age, Neurogenic bladder in older children, Valve bladder, High Grade VUR with renal and bladder dysfunction. Materials We evaluated our results in 84 patients in over the last 3 years by minimal invasive technique.

Conclusion: Minimal invasive Mitrofanoff by laparoscopic and robotic methodology for painless catheterisation is the way forward.

Biography

He was the national convener of Pediatric urology for the Urological society of India 2012 to 2014.

He was the Editorial Board member of Indian Journal Of Urology

He has 41 papers published in international peer reviewed journals and has 2 book chapters on Robotics in pediatric urology and Laparoscopic Orchiopexy.

He is an invited visiting faculty for 7 medical colleges including SGPGI Lucknow to demonstrate pediatric laparoscopy

He is peer reviewer for the American journal of urology, Journal of endourology, Indian journal of urology, Journal of case reports

He is faculty for the fellowship of postdoctoral pediatric urology in India at KLES University at Belgaum

He is an Examiner for MCh urology and Pediatric urology postdoctoral fellowship

He has conducted various CME's in India and the most recent was Collaborative CME with European Society of Pediatric urology.

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