

## **DEPARTMENT OF UROLOGY & GENITO-URINARY SURGERY**

### **MANPOWER:**

#### **Dr Prashant Rishi**

- MBBS, MS (General Surgery)
- MCh(Urology)
- Sr. DMO (Urologist, Genito-Urinary Surgeon & Renal Transplant surgeon)

### **SERVICES OFFERED BY THE DEPARTMENT:**

All types of Special, Major and Minor operations are being performed including :

- a) Endourological procedures : TURP, TURBT, PCNL, URSL, Cystolithotripsy, DJ stenting, Botox Injection of the Urinary Bladder
- b) Open Urological surgeries: Nephrectomy, Pyeloplasty, Ureteric reimplantation, Open Prostatectomy
- c) Female urology & Genito-urinary Surgeries: VVF repair, Cystocele Repair, Incontinence surgeries(Sling & Suspension surgeries)
- d) Uro-oncology: Lap and open radical and partial nephrectomy, Radical cystectomy and ileal conduit, surgery for CARCINOMA testis,CARCINOMA Penis, etc.
- e) Laparoscopic Urological Surgeries: Lap Nephrectomy, Pyeloplasty, etc
- f) Hemodialysis access surgeries: A-V Fistula, CAPD Insertion
- g) Pediatric Urology: Circumcision, Hypospadias Surgery, Undescended Testes
- h) Male infertility : varicocele, surgeries of vas ( vaso-vaso /epididymo-stomy , vas-recanalisation Surgery)
- i) Urological emergencies: USG guided PCN, DJ Stenting, Suprapubic Cystostomy,Urological trauma

### **Future Improvement Plans:**

- a) Retroperitoneal Urological procedures

- b) RIRS ( Retrograde intrarenal surgery)
- c) Laser lithotripsy
- d) HoLEP/ ThuLEP LASER prostate surgery
- e) Advanced laparoscopic surgeries
- f) Diagnostic fluoroscopic studies : Retrograde urography, Micturating cystourethrography
- g) Advanced Uro-Oncology: Radical Prostatectomy
- h) Extracorporeal Shock wave lithotripsy(ESWL)
- i) Robotic urological and genito-urinary surgeries
- j) Stapler Circumcision
- k) Artificial Urinary Sphincter(AUS) for incontinent patients
- l) Andrology Services
- m) Renal transplant surgery

**WORK LOAD OF THE PAST 1 YEAR** (13 months)—

<u>YEAR</u>	<u>SPECIAL</u>	<u>MAJOR</u>	<u>MINOR</u>	<u>TOTAL</u>
<b>2021</b> (01/09/21-31/12/21)	03	29	25	57
<b>2022</b> (Till 31/10/22)	05	145	236	386

Department of UROLOGY & GENITO-URINARY SURGERY by Inhouse IRHS UROLOGIST has started from 01/09/2021.

**ACHIEVEMENTS OF UROLOGY DEPT:**

Full-fledged Dept has started which is catering to almost all urology & genitourinary cases.

**Surgical M & P Equipment list in Urology department:**

Sr. No	Name of Equipment	Date of Procurement	Cost	Remarks
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1.	Resectoscope (TURP SET) Richard Wolf monopolar	23/11/2021	4,20,617/-	Under 2 years warranty
2.	Wolf Cystoscope Set	2910/2021	3,16,076/-	Under 2 years warranty
3.	Wolf Nephroscope 19.5	4/03/2022	Rs4,98,960/-	Under 2 years warranty
4	Wolf Ureteroscope - 6 - 7.5	16/2/2021	Rs.3,20,303/-	Under warranty
5.	Olympus Ureteroscope- 8.6-9.8	09/05/2022	Rs. 292,999/-	Under Warranty
6.	Wolf Pediatric Ureteroscope- 4-5.5	19/07/2022	Rs. 401,919/-	Under Warranty

**EQUIPMENTS PROCUREMENT UNDER M&P: (Sanctioned items):**

1. Combined ultrasound & pneumatic lithotripter
2. Holmium laser 30- 35 watt
3. C- arm Image intensifier
4. Flexible digital uretero-renoscope

**EQUIPMENTS PROCUREMENT : To be proposed:**

1. Robotic surgery system
2. Thulium fiber laser
3. Bipolar TURP Set
4. Uroflometer
5. Urodynamics Study System