

- ♦ Pyeloplasty
- ♦ Radical Prostatectomy
- ♦ Optical Internal Urethrotomy (OIU)
- ♦ Botox Bladder Injection
- ♦ Urethroplasty (Urethral Reconstruction)
- ♦ Peyronie's Disease Treatment (penile prosthesis and penile graft reconstruction)
- ♦ Varicocele Surgery

## Department of Urology |



| Comfort



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## Urology

Urology deals in diseases involving the male and female urinary system, male genital system (erectile dysfunction and infertility) and the diseases of adrenal glands. It has the following subdivisions:

### Endourology and LASER surgery

Deals in endoscopic treatment of various urology diseases like:

- ♦ Benign Prostatic Enlargement (TURP/HOLEP/KTP)
- ♦ High Bladder Neck (BNI - Electrocurettage/laser)
- ♦ Bladder Tumours (TUR-BT)
- ♦ Stricture Urethra (OIU)
- ♦ Ureteric Stones (URS)
- ♦ Renal Stones (PCNL)
- ♦ Bladder Stones (CLT)

### Neuro-Urology

Involves evaluation and management of urinary diseases/problems arising due to involvement of nervous system e.g. various kinds of neurogenic bladders arising from involvement/injury of the spinal cord.

### Uro-Oncology

Deals in cancers of urinary system e.g.

- ♦ Kidney cancer (radical nephrectomy)
- ♦ Cancer of ureter (radical nephroureterectomy)
- ♦ Cancer of urinary bladder (radical cystectomy)
- ♦ Cancer of prostate (Radical Prostatectomy)
- ♦ Cancer of testis (high orchiectomy)
- ♦ Cancer of penis (total and partial amputation of penis)

### Pediatric Urology

Involves evaluation and treatment of various urological diseases occurring in children like:

- ♦ PUJ Obstruction
- ♦ Posterior Urethral Valve (PUV)
- ♦ Vesico Ureteral Reflux (VUR)
- ♦ Megaureters
- ♦ Hypospadias

## Female Urology

Deals in various urological diseases arising in females e.g. stress incontinence.

### Reconstructive Urology

Involves reconstruction of various urological diseases like:

- ♦ Stricture Urethra (end to end urethroplasty, various)
- ♦ Substitution Urethroplasty
- ♦ Ureteropelvic Junction Obstruction (pyeloplasty)
- ♦ Augmentation Cystoplasty
- ♦ Hypospadias Repair
- ♦ Vesicovaginal Fistula Repair

### Andrology

Deals in sexual dysfunction and fertility of males.

## Urology department at ISIC

The department provides services to a variety of urology conditions such as:

- ♦ Urinary stone diseases
- ♦ Prostate enlargement and prostatic cancer
- ♦ Sexual dysfunction
- ♦ Male infertility
- ♦ Kidney cancers
- ♦ Tumors of urinary bladder
- ♦ Various male and female urethral diseases especially strictures of urethra
- ♦ Urinary problems of neurogenic origin

The common surgical procedures performed at ISIC include:

- ♦ Trans-Urethral Resection of Prostate (TURP)
- ♦ Trans-Urethral Resection of Bladder Tumor (TUR-BT)
- ♦ Cystoscopy (CPE)
- ♦ Percutaneous Cysto-Lithotripsy (PCNL)
- ♦ Uretero-Retrospective Lithotripsy (URS-L)
- ♦ Cystolithotripsy (CLT)
- ♦ Radical Cystectomy