

# DEPARTMENT OF UROLOGY

## INFRASTRUCTURE OF THE DEPARTMENT:

### a. OPD

No of rooms: 3

Area of each OPD room (add rows) M<sup>2</sup>

	Area in M <sup>2</sup>
<b>Room 1</b>	9.37 M <sup>2</sup>
<b>Room 2</b>	9.90 M <sup>2</sup>
<b>Room 3</b>	9.90 M <sup>2</sup>

Waiting area : 40.33 M<sup>2</sup>

### b. Wards 20 Beds/1 Unit

No. of wards: 2

Parameters	Details
Distance between two cots (in meter)	1.5(in meter)
Ventilation	Adequate
Infrastructure and facilities	Adequate
Dressing and procedure room	Adequate

### c. Department office details:

Department Office	
Department office	Available
Staff (Steno /Clerk)	Available
Computer and related office equipment	Available
Storage space for files	Available

Office Space for Teaching Faculty/residents	
Faculty	Available
Head of the Department	Available
Professors	Available
Associate Professors	Available
Assistant Professor	Available
Senior residents rest room	Available
PG rest room	Available

**d. Seminar room:**

Space and facility : Adequate  
 Internet facility : Available  
 Audiovisual equipment details : Adequate & Available

**e. List of Department specific laboratories with important Equipment:**

Name of Laboratory	Size in square meter	List of important equipment available with total numbers	Adequate/ Inadequate
Urology	5 x 10	Uroflometry	Yes
	5 x 10	UDS	Yes

**h. Equipment**

Name of the Equipment	Important specification in brief
Cystoscopy set – Adult	Includes a flexible and rigid cystoscope, a variety of working channels, light source, and camera system for adult procedures
Cystoscopy set - Pediatric with resectoscope for valve fulguration/VIU	Specialized for pediatric use, includes a resect scope for performing valve fulguration or vesicostomy incision
Nephroscope	Used for renal procedures, features a flexible design with high definition optics for better visualization of the kidney
Mini -PERC nephroscope	Designed for minimally invasive procedures, smaller diameter for easier access to the kidney with high quality optics
PCNL accessories	Includes nephrotomy catheters, dilators, and other tools necessary for percutaneous nephrolithotomy
Ureteroscope	Rigid and flexible options available, designed for visualizing and treating ureteral stones with high resolution imaging
Ureteroscopy accessories	Tools for facilitating ureteroscopy including baskets, balloon dilators, and retrieval devices
C-arm image intensifier	Used for real-time imaging during surgical procedures features adjustable settings for optimal imaging of the surgical field
OIU Instrument set	Contains specialized tools for open inguinal surgeries, including scissors, clamps, and other necessary surgical instruments.
TURP set	Tools specifically designed for transurethral resection of the prostate, including a resect scope, cutting loops, and associated equipment
ESWL Machine	Utilizes shock waves to break kidney stones, with adjustable energy levels and imaging capabilities for precise targeting.
USG localization facility in ESWL machine	Integrated ultrasound guidance for real-time localization of stones during extracorporeal shock wave lithotripsy.
Urodynamic machine	Measures bladder function and pressure, including flow rate and cystometric readings for diagnosing urinary disorders.
No scalpel Vasectomy instruments set	Includes specialized instruments designed for a minimally invasive vasectomy technique, enhancing patient recovery

	and reducing complications.
True cut biopsy gun	Automated device for performing core needle biopsies, offering precise sampling for tissue diagnosis
Kidney transplant instrument set	Comprehensive set of surgical tools for performing kidney transplants, including clamps, scissors, and suturing devices.
Urodynamic Machine	Advanced diagnostic tools to evaluate urinary function, often incorporating pressure flow studies and bladder compliance measurements.
Laser Lithotripsy Machine	Utilizes laser technology for breaking up kidney stones, allows for precision and minimal tissue damage.
Pneumatic Lithotripter	Uses pneumatic energy to disintegrate stones, ideal for various lithotripsy procedures.
Laparoscopy equipment set	Comprehensive laparoscopic tools including cameras, ports, and instruments for minimally invasive surgical procedures.
Ultrasonic Dissector/ Coagulator	Uses ultrasonic vibrations to dissect tissue and coagulate blood vessels during surgeries, reducing blood loss and improving precision.
Vessel Sealing Equipment.	Advanced technology for sealing blood vessels during surgery, providing secure closure and minimizing the need for sutures.
Ultrasonography machine (colour Doppler with linear, convex and transrectal sonography of prostate(TRUS) probes and puncture guides attachments for convex and TRUS probes	High-resolution imaging capabilities for various ultrasound applications, including Doppler flow studies and guided procedures for prostate biopsies.

## SERVICES

### Specialty clinics being run by the department

Name of the Clinic	Days on which held	Timings
Female Urology	Monday	3-5 pm
Neuro -Urology	Tuesday	3-5 pm
Pediatric Urology	Wednesday	3-5 pm
Andrology	Thursday	3-5 pm
Uro-Oncology	Friday	3-5 pm
Prostate Clinic	Saturday	3-5 pm

--	--	--