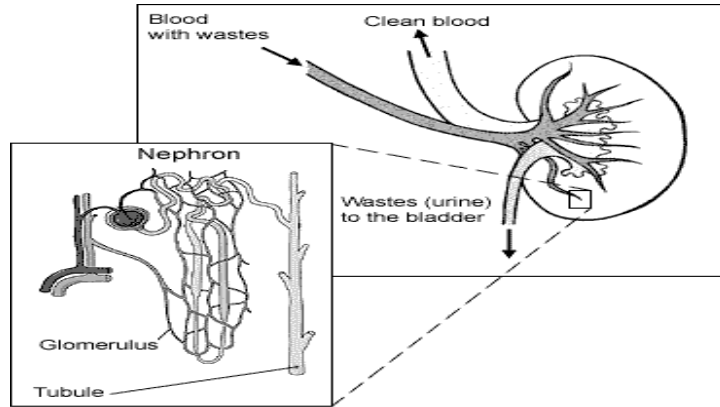


Lecture No . 6

The Urinary System



The urinary system composed of two kidney and ureter one bladder and urethra .

New Combining Forms

Urine	Ur/o
Kidney	Nephr/o, Ren/o
Renal Pelvis	Pyel/o
Ureter	Ureter/o
Bladder	Cyst/o
Urethra	Urethr/o

New Suffix

-lith	Stone
-lysis	Destruction
-pexy	Surgical Fixation
-ptosis	Prolapse
-rrhagia	Hemorrhage
-rrhaphy	Suturing or stitching
-uria	Urine, Urination

Ur/o = Urine

Ur/o/logy: Study of the urinary tract

Ur/o/logist: A physician who specializes in treating male and female urinary system disorders and male reproductive system.

Ur/o/genital or genit/o/urinary: Pertaining to urinary tract and genitals

Ur/o/pathy: Any disease of urinary tract

Nephr/o = Kidney

Nephr/o/ptosis: Prolapsed (fallen) kidney

Nephr/o/plasty: Surgical repair of kidney

Nephr/o/pexy: Surgical fixation of kidney

Nephropexy is one specific type of surgical repair –

Nephrons

Functional units of the kidney. Tiny structures in the renal cortex. Filter blood to remove waste and excess water and form urine.

Nephr/itis: Inflammation of the kidney

Nephr/o/ptosis: Prolapsed kidney

Nephr/o/lith: Stone in the kidney

Nephr/o/malac/ia: Softening of kidney tissue

Nephr/o/mega/ly: Enlargement of the kidney

Nephr/o/lysis: Destruction of kidney tissue

Ren/o = Kidney

Ren/al: Pertaining to the kidney

Ren/o/pathy: Any kidney disease

Ren/o/gram: Record from an X-ray of the kidney

Ren/o/intestinal: Pertaining to the kidney and intestine

Ren/o/gastric: Pertaining to the kidney and stomach

Pyel/o = Renal Pelvis

Pyel/itis: Inflammation of the renal pelvis

Pyel/o/plasty: Surgical repair of the renal pelvis

Pyel/o/nephr/osis: Condition of renal pelvis and kidney

Pyel/o/nephr/itis: Inflammation of the renal pelvis and kidney

Pyel/o/gram: X-ray of the renal pelvis

IVP = Intravenous pyelogram

-uria = (Condition of) Urine

Poly/uria	Too much urination
Noct/uria	Excessive urination at night
An/uria	Suppressed (lack of) urination
Olig/uria	Abnormally low amount of urine
Hemat/uria	Blood in the urine

Albumin/uria	Protein (albumin) in the urine
Glycos/uria	Sugar in the urine
Keton/uria	Ketones in the urine
Nocturn/al en/ur/esis	Bed wetting

Ureter/o = Ureter

Ureter/o/lith: Stone or calculus in the ureter

Ureter/o/cele: Herniation of the ureter

Ureter/o/pathy: Any disease of the ureter

Ureter/o/pyel/o/plasty: Plastic surgery of the ureter and renal pelvis

Ureter/o/pyel/itis: Inflammation of the ureter and renal pelvis

Ureter/o/cyst/o/stomy: Making a new opening between the ureter and bladder

Ureter/o/py/osis: A condition of the ureter involving pus

Urethr/o = Urethra

Urethr/o/rrhaphy: Suturing of the urethra

Urethr/o/tomy: Incision into the urethra

Urethr/o/spasm: Spasm of the urethra

Urethr/o/cystitis: Inflammation of urethra and bladder

Urethr/o/rect/al: Pertaining to the urethra and rectum

Urethr/o/vagin/al: Pertaining to the urethra and vagina

-rrhaphy = Suturing or Stitching

Ureter/o/rrhaphy: Suturing or stitching of the ureters

Nephr/o/rrhaphy: Suturing of a kidney

Cyst/o/rrhaphy: Suturing of the bladder

Neur/o/rrhaphy: Suturing of a nerve

Colp/o/rrhaphy: Suturing of the vagina

Herni/o/rrhaphy: Suturing of a hernia

-rrhagia = Hemorrhage

Hemorrhage, or bursting forth of blood

Gastr/o/rrhagia: Stomach hemorrhage

Encephal/o/rrhagia: Brain hemorrhage

Urethr/o/rrhagia: Hemorrhage of the urethra

Men/o/rrhagia: Excessive menstrual bleeding

Cyst/o/rrhagia: Hemorrhage of the bladder

Ureter/o/rrhagia: Hemorrhage of the ureter

Abbreviation	
TUR(P)	Transurethral resection (prostate)
UA	Urinalysis
UTI	Urinary tract infection
PAP	Papanicolaou test (smear)
PID	Pelvic inflammatory disease
BPH	Benign prostatic hyperplasia (hypertrophy)
Cysto	Cystoscopy
ESRD	End stage renal disease
IVP	Intravenous Pyelogram
KUB	Kidney, ureter, bladder, x-ray, radiography