

URINARY SYSTEM TERMINOLOGY- **Key**

Term	Meaning
pyel/o	Renal Pelvis
pyelocystitis	Inflammation of the renal pelvis and bladder
pyelostomy	Creation of an opening into the renal pelvis
pyelotomy	Incision of the renal pelvis
pyelonephritis	Inflammation of the kidney and renal pelvis
pyelolithotomy	Removal of a stone from the pelvis of the kidney through an incision
pyelectasis	Dilation of the renal pelvis
pyelography	A radiograph of the ureter and renal pelvis
pyeloplasty	Surgical repair of the pelvis of the kidney
pyelitis	Inflammation of the pelvis of the kidney
pyelocystostomosis	Surgical establishment of communication between the Kidney and bladder
pyelonephrosis	Any disease of the pelvis of the kidney
pyelopathy	Disease of the renal pelvis
pyeloplication	Shortening of the wall of the dilated renal pelvis
pyeloscopy	Examination of the renal pelvis
retrograde pyelogram	Endoscope is used to visualize the renal pelvis and ureter
IVP	A pyelogram in which a radiopaque material is given intravenously
ren/o	Kidney
renography	Radiography of the kidney; recording of the kidney
renal failure = ARF / CRF	Acute rise in the serum creatinine level of 25% or more (Can last days or weeks before resolving) Chronic (end-stage) renal disease
Rennin	Enzyme produced by the kidney that stimulates vasoconstriction and secretion of aldosterone
renogastric	Pertaining to the kidneys and stomach
renogram	Record of the rate of removal of an intravenously injected dose of radioactive iodine from the blood of the kidneys
renopathy	Disease condition of the kidney
renal calculi	A stone in the kidney
renal biopsy	Obtaining renal tissue for analysis
renal failure	Acute rise in the serum creatinine level of 25% or more
renal scan	A method of determining renal function, size and shape. A radioactive substance that concentrates in the kidneys
glomerul/o	Glomerulus
glomerular	Pertaining to the glomerulus
glomerulitis	Inflammation of the glomeruli
glomerulonephritis	Nephritis in which the lesions involve primarily the glomeruli
glomerulopathy	Any disease of the renal glomeruli
glomerulosclerosis	Fibrosis of renal glomeruli associated with protein loss in

	the urine
nephr/o	Kidney
hydrohematonephrosis	Bloody urine distending the pelvis of the kidney
hydronephrosis/nephrohydrosis	Stretching of the renal pelvis as a result of obstruction to urinary outflow
nephralgia	Renal pain
nephrectomize	To remove, surgically, one or both kidneys
nephrectomy	Surgical removal of a kidney
nephric	Pertaining to the kidneys
nephridium	A segmented excretory tubule present in many invertebrates
nephritis	Inflammation of the kidneys
nepthroabdominal	Concerning the kidneys and abdomen
nephrocalcinosis	Calcinosis of the kidney
nephrocardiac	Concerning the kidneys and heart
nephrocele	Renal hernia
nephrocolic	Renal colic; concerning the kidney and the colon
nephrocolopexy	Surgical suspension of the kidney
nephrocoloptosis	Excision of the renal capsule
nephrocystanastomosis	Surgical formation of an artificial connection between the kidney and the bladder
nephrocystitis	Inflammation of the kidneys and the bladder
nephrocystosis	Formation of renal cysts
nephrogenetic	Arising in or from the renal organs
nephrography	Radiology of the kidneys
nephrology	The branch of medical science concerned with the structure and function of the kidneys
nephroma	Renal tumor
nephromalacia	Abnormal renal softness or softening
nephromegaly	Enlargement of the kidney
nephron	Glomerulus and renal tubule where filtration, reabsorption, and secretion take place
nephropathy	Inflammatory, degenerative & sclerotic lesions of the kidney
nephropexy	Surgical fixation of a floating kidney
nephroptosis	Downward displacement of the kidney
nephropyeloplasty	Repair of the kidney
nephropyosis	Purulence of a kidney
nephrorrhagia	Bleeding of the kidney
nephrorrhaphy	Surgical procedure of suturing the kidney
nephrosclerosis	Hardening of the connective tissues of the kidney
nephrosis	Degenerative changes in the kidneys
nephrostomy	The formation of an artificial fistula into the renal pelvis
nephrotomography	Tomography of the kidney after intravenous injection of radiopaque contrast medium

nephrotoxin	Toxic substance that damages kidney tissues
nephrotropic	Affecting the kidneys
meat/o	Meatus (passage)
meatal	Pertaining to the flesh
meatorrhaphy	Suture of the severed end of the urethra to the glans penis
meatoscope	A speculum for examining a meatus
meatoscopy	Instrumental examination of a meatus
meatotome	Knife with probe or guarded point for enlarging a meatus by direct incision
meatotomy	Incision of urinary meatus to enlarge the opening
cyst- cyst/o	Bladder, Sac
cystalgia/cystodynia	Pain in the bladder
cystectomy	Removal of a cyst or bladder
cystitis	Bladder inflammation usually from urinary tract infection
cystoadenoma	Tumor containing cystic and adenomatous elements
cystocele	A bladder hernia that protrudes into the vagina
cystoenterocele	Hernia of the bladder wall
cystography	Radiograph of cyst into which a contrast medium has been instilled
cystojejunostomy	Joining of an adjacent cyst to the jejunum
cystolith	Vesical calculus
cystolithectomy	Excision of a stone from the bladder
cystolithiasis	Formation of stones in the bladder
cystoma	A cystic tumor
cystometrography	Graphic record of bladder pressure at filling stages
cystopexy	Surgical fixation of the bladder to abdominal wall
cystoplasty	Plastic operation on the bladder
cystoplegia	Bladder paralysis
cystoptosis	Prolapse into the urethra of vesical mucous membrane
cystorrhagia	Bleeding of the bladder
cystorrhaphy	Surgical suture of the bladder
cystorrhea	Discharge of mucus from urinary bladder
cystoscope	An instrument for interior examination of the bladder and ureter
cystoscopy	Examination of bladder with a cystoscope
cystotomy	Incision of the bladder
cystoureteritis	Inflammation of the ureter and urinary bladder
cystoureterogram	A radiograph of the bladder and ureter obtained after instillation of a contrast medium
cystoureterogram	Radiograph of bladder and ureter obtained after instillation of a contrast medium
cystourethrography	Radiography of the bladder and urethra
cystourethrography	Radiography of bladder and urethra by using radiopaque contrast medium

vesic/o	Bladder
vesicotomy	Incision of the bladder
vesicocele	Hernia of bladder into vagina
vesicoclysis	Injection of fluid into the bladder
vesicofixation	Attachment of the uterus to the bladder or the bladder to the abdominal wall
urethr/o	Urethra
urethrorrhaphy	Suture of the urethra
urethrostomy	The formation of a permanent fistula opening
urethrotrigonitis	Inflammation of the urethra and the trigone of the bladder
urethrodynia/urethralgia	Pain in the urethra
urethratresia	Occlusion or imperforation of the urethra
urethrectomy	Surgical excision of urethra
urethrography/urethrograph	Radiography of urethra
urethrometer	Instrument to measure diameter of urethra
urethrorrhea	Abnormal discharge from urethra
urethroscopy/urethroscope	Examination of the mucous membrane of urethra
urethrospasm	Spasmodic stricture of the urethra
urethropexy	Surgical fixation of urethra
urethroplasty	Reparative surgery of urethra
urethrotomy	Incision of urethral stricture
urethritis	Inflammation of urethra
TUR	Transurethral resection
ureter/o	Ureter
ureteral	Concerning the ureter
ureteralgia	Pain in the ureter
ureterectasis	Dilation of the ureter
ureterocolostomy	Implantation of the ureter into the colon
ureterocystoscope	Cystoscope combined with a ureteral catheter
ureterography	Radiography of the ureter after injection of a radioactive substance
ureterohydronephrosis	Dilation of the ureter & pelvis of the kidney resulting from obstruction
ureteroplasty	Plastic surgery of the ureter
ureteronephrectomy	Kidney and ureter removal
ureteropyelitis	Inflammation of pelvis of the kidney and a ureter
ureteropyelonephrostomy	Removal of the renal pelvis and ureter
ureteropyeloplasty	Plastic surgery of the ureter & renal pelvis
ureteropyosis	Suppurative inflammation within a ureter
ureterolithiasis	Development of a stone in the ureter
ureteritis	Inflammation of the ureter
ureterolithotomy	Surgical incision for removal of a stone from ureter
ureterocele	Cystlike dilation of ureter
ureterolysis	Rupture of a ureter
ureterectomy	Excision of a ureter

ureterotomy	Incision or surgery of the ureter
ureterorrhagia	Hemorrhage from the ureter
lith- lith/o	Stone
lithocystotomy	Incision of the bladder to remove a kidney stone
lithogenesis	Formation of calculi
lithology	Science dealing with calculi
litholysis	Dissolving of stones
lithonephritis	Inflammation of the kidney because of a stone
lithotome	Instrument for performing lithotomy
lithotomy	Incision especially of the bladder for removal of a stone
lithotripsy	Use of shock wave or sound waves to crush the stone
lithectomy	Surgical removal of a calculus
nephrolithiasis	The presence of calculi (stone) in the kidney
nephrolithotomy	Renal incision for removal of a kidney stone
lithoclast	Forceps for breaking up large calculi
azot/o	Urea, nitrogen
azoturia	Increase in nitrogenous compounds
albumin/o- albumin	To provide collide osmotic pressure. Prevent plasma loss
albuminaturia	Presence of albuminates in urine
albuminuria	Amounts of serum protein
ur- ur/o, urin/o	Uria, urine
urodynia	Pain associated with urination
urography	Radiograph of the urinary tract after the introduction of a contrast medium
urologist	A physician who specializes in the practice of urology
urology / urinology	Study of the urinary system, study of urine
uroscopy	Examination of the urine
glycosuria	Abnormal amount of glucose in the urine
dysuria	Painful or difficult urination
nocturia	Frequent urination at night (after bedtime)
anuria	Absence of urine
oliguria	Low urine output (less than 400ml/day)
pyuria	Pus in the urine
polyuria	Excessive discharge of urine
hematuria	Blood in the urine
uremia / urinemia	In patients with renal failure
diuretic	Increasing urine secretion
diuresis	The secretion an passage of large amount of urine
enuresis	Involuntary discharge of urine
urinal	Container into which one urinates
urinalysis	Analysis of the urine
urinary	Secreting or containing urine
urinate	Pass urine from the bladder
urination	Release of urine from the body
urinometer	A device for determining the specific gravity of urine

urinoma	A cyst containing urine
BUN	Blood, urea, nitrogen
OTHER TERMS:	
micturate	To pass urine from the bladder
incontinent	Loss of self-control
distention	The state of being distended
retention	The act of keeping possession or holding in place
stricture	Narrowing or constriction of lumen of a tube
atony	Lack of normal tone of strength
bougie	A slender, flexible instrument for exploring and dilating the organs
flank	Part of the body between the ribs
orifice	The mouth, entrance, or outlet of any anatomical structure
reflux	A return or backwards flow
trigone	A triangular space between two openings
catheter	A tube passed into the body for evacuating fluids
filtrate	The fluid has been passed through a filter
meatus	Passage or opening
sphincter	Circular muscle constricting an orifice
fulguration	Destruction of tissue using high frequency electric sparks
retroperitoneal	Behind the peritoneum and outside the peritoneal cavity
polycystic kidney	Multiple cysts on or in the kidney
specific gravity	Ratio of weight of substance compared to equal volume of water
cortex / medulla	Outer layer of organ as distinguished from inner, or medulla
pelvis	Any basin-shaped structure or cavity
pyramid	Any part of the body resembling a pyramid; cone-shaped structures making up the medulla of the kidney
BPH	Benign prostatic hypertrophy
ATN	Acute tubular necrosis

Laboratory Tests and Clinical Procedures

Test/Procedure	Definition
PSA test	Measurement of levels of prostate-specific antigen in the blood
Semen analysis	Microscopic examination of ejaculated fluid
Castration	Surgical excision of testicles or ovaries
Circumcision	Surgical procedure to remove the prepuce of the penis
Digital rectal examination (DRE)	Finger palpation through the anal canal and rectum to examine the prostate gland
Photoselective vaporization of the prostate (Green Light PVP)	Removal of tissue to treat benign prostatic hyperplasia using a green light laser (laser TURP)
Transurethral resection of the prostate	Excision of benign prostatic hyperplasia using a

(TURP)	resectoscope through the urethra
Vasectomy	Bilateral surgical removal of a part of the vas deferens