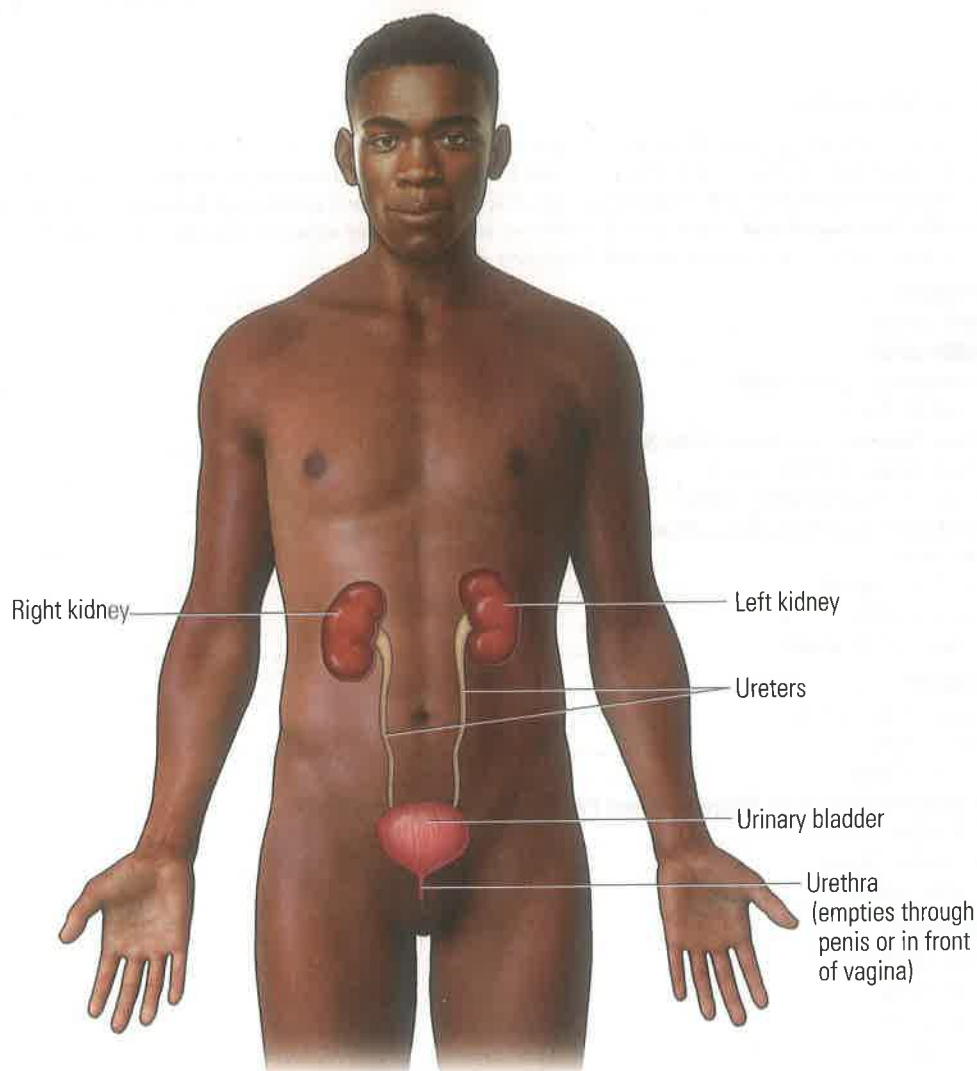


Surgery

Urinary System (50010-53899) 403

The following is a listing of headings and subheadings that appear within the Urinary System section of the CPT codebook. The subheadings or subsections denoted with asterisks (*) below have special instructions unique to that subsection. Where these are indicated, special notes or guidelines will be presented preceding those procedural terminology listings referring to that subsection specifically. Note that all code ranges in each subsection are listed as they appear in the subsection, even if the code numbers are out of numerical sequence and/or repeated in the next subsection.

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Urinary System

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Urinary System

(For provision of chemotherapeutic agents, report both the specific service in addition to code(s) for the specific substance(s) or drug(s) provided)

Kidney

Incision

Nephrolithotomy is the surgical removal of stones from the kidney, and pyelolithotomy is the surgical removal of stones from the renal pelvis. This section of the guidelines refers to the removal of stones from the kidney or renal pelvis using a percutaneous antegrade approach. Breaking and removing stones is separate from accessing the kidney (ie, 50040, 50432, 50433, 52334), accessing the kidney with dilation of the tract to accommodate an endoscope used in an endourologic procedure (ie, 50437), or dilation of a previously established tract to accommodate an endoscope used in an endourologic procedure (ie, 50436). These procedures include the antegrade removal of stones in the calyces, renal pelvis, and/or ureter with the antegrade placement of catheters, stents, and tubes, but do not include retrograde placement of catheters, stents, and tubes.

Code 50080 describes nephrolithotomy or pyelolithotomy using a percutaneous antegrade approach with endoscopic instruments to break and remove kidney stones of 2 cm or smaller.

Code 50081 includes the elements of 50080, but it is reported for stones larger than 2 cm, branching stones in multiple locations, ureteral stones, or in patients with complicated anatomy.

Creation of percutaneous access or dilation of the tract to accommodate large endoscopic instruments used in stone removals (50436, 50437) is not included in 50080, 50081, and may be reported separately, if performed. Codes 50080, 50081 include placement of any stents or drainage catheters that remain indwelling after the procedure.

Report one unit of 50080 or 50081 per side (ie, per kidney), regardless of the number of stones broken and/or removed or locations of the stones. For bilateral procedure, report 50080, 50081 with modifier 50. When 50080 is performed on one side and 50081 is performed on the contralateral side, modifier 50 is not applicable. Placement of additional accesses, if needed, into the kidney, and removal of stones through other approaches (eg, open or retrograde) may be reported separately, if performed.

(For retroperitoneal exploration, abscess, tumor, or cyst, see 49010, 49060, 49203-49205)

50010 Renal exploration, not necessitating other specific procedures

(For laparoscopic ablation of renal mass lesion(s), use 50542)

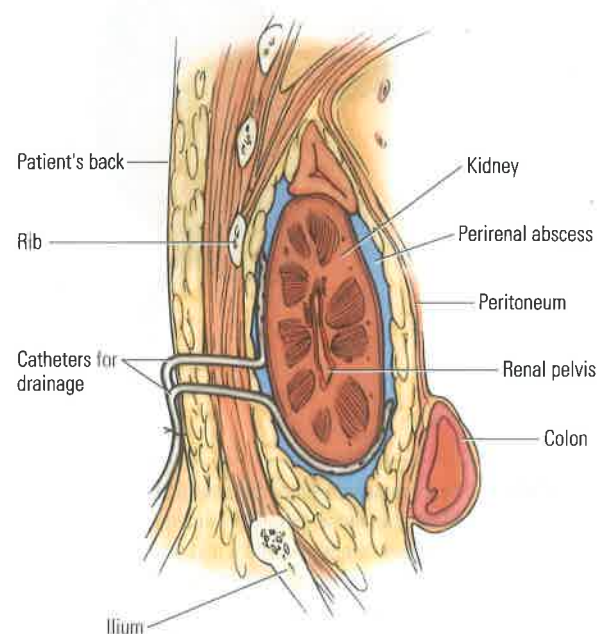
50020 Drainage of perirenal or renal abscess, open

➔ CPT Assistant Nov 97:19, Oct 01:8, May 14:9

Drainage of Renal Abscess

50020

An incision is made to the abscess cavity and the site is irrigated and drained.



(For percutaneous image-guided fluid collection drainage by catheter of perirenal/renal abscess, use 49405)

50040 Nephrostomy, nephrotomy with drainage

➔ CPT Assistant Spring 93:35, Oct 01:8

50045 Nephrotomy, with exploration

➔ CPT Assistant Oct 01:8

(For renal endoscopy performed in conjunction with this procedure, see 50570-50580)

50060 Nephrolithotomy; removal of calculus

➔ CPT Assistant Oct 01:8

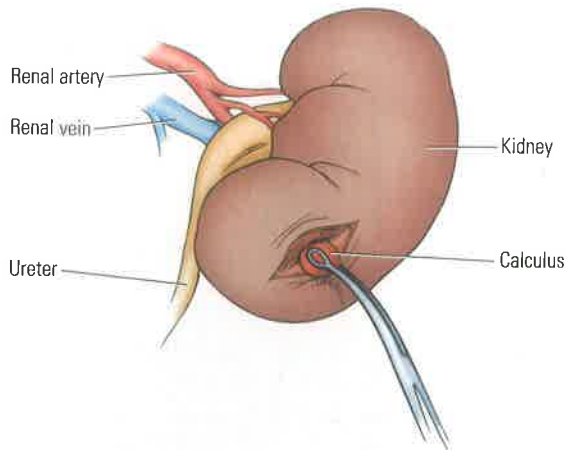
50065 secondary surgical operation for calculus

➔ CPT Assistant Oct 01:8

- 50070** complicated by congenital kidney abnormality
 ➔ CPT Assistant Oct 01:8
- 50075** removal of large staghorn calculus filling renal pelvis and calyces (including anatomic pyelolithotomy)
 ➔ CPT Assistant Oct 01:8

Nephrolithotomy With Calculus Removal 50060-50075

A kidney stone (calculus) is removed by an incision in the kidney. Use 50070 if complicated by a congenital kidney abnormality.



- 50080** Percutaneous nephrolithotomy or pyelolithotomy, lithotripsy, stone extraction, antegrade ureteroscopy, antegrade stent placement and nephrostomy tube placement, when performed, including imaging guidance; simple (eg, stone[s] up to 2 cm in single location of kidney or renal pelvis, nonbranching stones)
 ➔ CPT Changes: An Insider's View 2023
 ➔ CPT Assistant Oct 01:8, Dec 08:7, Jun 09:10
- 50081** complex (eg, stone[s] > 2 cm, branching stones, stones in multiple locations, ureter stones, complicated anatomy)
 ➔ CPT Changes: An Insider's View 2023
 ➔ CPT Assistant Oct 01:8, Dec 08:7, Jun 09:10
- (50080, 50081 may only be reported once per side. For bilateral procedure, report 50080, 50081 with modifier 50)
- (Do not report 50080, 50081 in conjunction with 50430, 50431, 50433, 50434, 50435, if performed on the same side)
- (For establishment of nephrostomy without nephrolithotomy, see 50040, 50432, 50433, 52334)
- (For dilation of an existing percutaneous access for an endourologic procedure, use 50436)

(For dilation of an existing percutaneous access for an endourologic procedure with new access into the collecting system, use 50437; for additional new access into the kidney, use 50437 for each new access that is dilated for an endourologic procedure)

(For removal of stone without lithotripsy, use 50561)

(For cystourethroscopy with insertion of ureteral guidewire through kidney to establish a percutaneous nephrostomy, retrograde, use 52334)

- 50100** Transection or repositioning of aberrant renal vessels (separate procedure)
 ➔ CPT Assistant Oct 01:8
- 50120** Pyelotomy; with exploration
 ➔ CPT Assistant Oct 01:8
- (For renal endoscopy performed in conjunction with this procedure, see 50570-50580)
- 50125** with drainage, pyelostomy
 ➔ CPT Assistant Oct 01:8
- 50130** with removal of calculus (pyelolithotomy, pelvolithotomy, including coagulum pyelolithotomy)
 ➔ CPT Assistant Oct 01:8
- 50135** complicated (eg, secondary operation, congenital kidney abnormality)
 ➔ CPT Assistant Oct 01:8

(For supply of anticarcinogenic agents, use 99070 in addition to code for primary procedure)

Excision

(For excision of retroperitoneal tumor or cyst, see 49203-49205)

(For laparoscopic ablation of renal mass lesion(s), use 50542)

- 50200** Renal biopsy; percutaneous, by trocar or needle
 ➔ CPT Changes: An Insider's View 2010, 2017
 ➔ CPT Assistant Fall 93:13, Oct 01:8, Feb 10:7
 ➔ Clinical Examples in Radiology Winter 17:5
- (For radiological supervision and interpretation, see 76942, 77002, 77012, 77021)
- (For fine needle aspiration biopsy, see 10005, 10006, 10007, 10008, 10009, 10010, 10011, 10012)
- (For evaluation of fine needle aspirate, see 88172, 88173)
- 50205** by surgical exposure of kidney
 ➔ CPT Assistant Oct 01:8

- 50220** Nephrectomy, including partial ureterectomy, any open approach including rib resection;
 → CPT Changes: *An Insider's View* 2002
 → CPT Assistant Oct 01:8, Nov 02:3, Aug 08:7
- 50225** complicated because of previous surgery on same kidney
 → CPT Assistant Oct 01:8, Nov 02:3
- 50230** radical, with regional lymphadenectomy and/or vena caval thrombectomy
 → CPT Assistant Oct 01:8, Nov 02:3
 (When vena caval resection with reconstruction is necessary, use 37799)
- 50234** Nephrectomy with total ureterectomy and bladder cuff, through same incision
 → CPT Assistant Oct 01:8, Nov 02:3
- 50236** through separate incision
 → CPT Assistant Oct 01:8, Nov 02:3
- 50240** Nephrectomy, partial
 → CPT Assistant Oct 01:8, Nov 02:3, Jan 03:20, Apr 05:10, 12, Aug 08:7
 (For laparoscopic partial nephrectomy, use 50543)
- 50250** Ablation, open, 1 or more renal mass lesion(s), cryosurgical, including intraoperative ultrasound guidance and monitoring, if performed
 → CPT Changes: *An Insider's View* 2006, 2011
 → CPT Assistant May 06:17
 (For laparoscopic ablation of renal mass lesions, use 50542)
 (For percutaneous ablation of renal tumors, see 50592, 50593)
- 50280** Excision or unroofing of cyst(s) of kidney
 → CPT Changes: *An Insider's View* 2000
 → CPT Assistant Nov 99:25, Oct 01:8
 (For laparoscopic ablation of renal cysts, use 50541)
- 50290** Excision of perinephric cyst
 → CPT Assistant Oct 01:8

Renal Transplantation

Renal *autotransplantation* includes reimplantation of the autograft as the primary procedure, along with secondary extra-corporeal procedure(s) (eg, partial nephrectomy, nephrolithotomy) reported with modifier 51 (see 50380 and applicable secondary procedure(s)).

Renal *allotransplantation* involves three distinct components of physician work:

1. **Cadaver donor nephrectomy, unilateral or bilateral**, which includes harvesting the graft(s) and cold preservation of the graft(s) (perfusing with cold preservation solution and cold maintenance) (use 50300). **Living donor nephrectomy**, which includes harvesting the graft, cold preservation of the graft (perfusing with cold preservation solution and cold

maintenance), and care of the donor (see 50320, 50547).

2. Backbench work:

Standard preparation of a cadaver donor renal allograft prior to transplantation including dissection and removal of perinephric fat, diaphragmatic and retroperitoneal attachments; excision of adrenal gland; and preparation of ureter(s), renal vein(s), and renal artery(s), ligating branches, as necessary (use 50323). Standard preparation of a living donor renal allograft (open or laparoscopic) prior to transplantation including dissection and removal of perinephric fat and preparation of ureter(s), renal vein(s), and renal artery(s), ligating branches, as necessary (use 50325). Additional reconstruction of a cadaver or living donor renal allograft prior to transplantation may include venous, arterial, and/or ureteral anastomosis(es) necessary for implantation (see 50327-50329).

3. **Recipient renal allotransplantation**, which includes transplantation of the allograft (with or without recipient nephrectomy) and care of the recipient (see 50360, 50365).

(For dialysis, see 90935-90999)

(For laparoscopic donor nephrectomy, use 50547)

(For laparoscopic drainage of lymphocele to peritoneal cavity, use 49323)

- 50300** Donor nephrectomy (including cold preservation); from cadaver donor, unilateral or bilateral
 → CPT Changes: *An Insider's View* 2000, 2005
 → CPT Assistant Nov 99:25, Apr 05:10, 12

- 50320** open, from living donor
 → CPT Changes: *An Insider's View* 2000, 2005
 → CPT Assistant Nov 99:25, May 00:4

- 50323** Backbench standard preparation of cadaver donor renal allograft prior to transplantation, including dissection and removal of perinephric fat, diaphragmatic and retroperitoneal attachments, excision of adrenal gland, and preparation of ureter(s), renal vein(s), and renal artery(s), ligating branches, as necessary
 → CPT Changes: *An Insider's View* 2005
 → CPT Assistant Apr 05:10-11

(Do not report 50323 in conjunction with 60540, 60545)

- 50325** Backbench standard preparation of living donor renal allograft (open or laparoscopic) prior to transplantation, including dissection and removal of perinephric fat and preparation of ureter(s), renal vein(s), and renal artery(s), ligating branches, as necessary
 → CPT Changes: *An Insider's View* 2005

- 50327** Backbench reconstruction of cadaver or living donor renal allograft prior to transplantation; venous anastomosis, each
 ➔ CPT Changes: An Insider's View 2005
- 50328** arterial anastomosis, each
 ➔ CPT Changes: An Insider's View 2005
- 50329** ureteral anastomosis, each
 ➔ CPT Changes: An Insider's View 2005
- 50340** Recipient nephrectomy (separate procedure)
 (For bilateral procedure, report 50340 with modifier 50)
- 50360** Renal allotransplantation, implantation of graft; without recipient nephrectomy
 ➔ CPT Changes: An Insider's View 2005
- 50365** with recipient nephrectomy
 ➔ CPT Assistant Apr 05:10-11
 (For bilateral procedure, report 50365 with modifier 50)
- 50370** Removal of transplanted renal allograft
- 50380** Renal autotransplantation, reimplantation of kidney
 ➔ CPT Assistant Apr 05:10, 12, Sep 19:11
 (For renal autotransplantation extra-corporeal [bench] surgery, use autotransplantation as the primary procedure and report secondary procedure[s] [eg, partial nephrectomy, nephrolithotomy] with modifier 51)

Introduction

Renal Pelvis Catheter Procedures

Internally Dwelling

- 50382** Removal (via snare/capture) and replacement of internally dwelling ureteral stent via percutaneous approach, including radiological supervision and interpretation
 ➔ CPT Changes: An Insider's View 2006, 2017
 ➔ CPT Assistant Sep 06:1, 16, Oct 08:8, Dec 09:4, Jan 16:3
 ➔ Clinical Examples in Radiology Winter 06:15, Spring 08:5
 (For bilateral procedure, use modifier 50)
 (For removal and replacement of an internally dwelling ureteral stent via a transurethral approach, use 50385)
- 50384** Removal (via snare/capture) of internally dwelling ureteral stent via percutaneous approach, including radiological supervision and interpretation
 ➔ CPT Changes: An Insider's View 2006, 2017
 ➔ CPT Assistant Sep 06:2, 16, Oct 08:8, Jan 16:3
 ➔ Clinical Examples in Radiology Winter 06:16, Spring 08:5
 (For bilateral procedure, use modifier 50)
 (Do not report 50382, 50384 in conjunction with 50436, 50437)
 (For removal of an internally dwelling ureteral stent via a transurethral approach, use 50386)

- 50385** Removal (via snare/capture) and replacement of internally dwelling ureteral stent via transurethral approach, without use of cystoscopy, including radiological supervision and interpretation
 ➔ CPT Changes: An Insider's View 2008, 2017
 ➔ CPT Assistant Oct 08:8, Dec 09:4, Jan 16:3
 ➔ Clinical Examples in Radiology Spring 08:5
- 50386** Removal (via snare/capture) of internally dwelling ureteral stent via transurethral approach, without use of cystoscopy, including radiological supervision and interpretation
 ➔ CPT Changes: An Insider's View 2008, 2017
 ➔ CPT Assistant Oct 08:8, Jan 16:3
 ➔ Clinical Examples in Radiology Spring 08:4

Externally Accessible

- 50387** Removal and replacement of externally accessible nephroureteral catheter (eg, external/internal stent) requiring fluoroscopic guidance, including radiological supervision and interpretation
 ➔ CPT Changes: An Insider's View 2006, 2016, 2017
 ➔ CPT Assistant Sep 06:2, 4, 16, Dec 09:4, Mar 12:3, Jan 16:3, Mar 16:10
 ➔ Clinical Examples in Radiology Winter 06:16, Spring 08:5, Fall 15:4

(For bilateral procedure, use modifier 50)

(For removal and replacement of externally accessible ureteral stent via ureterostomy or ileal conduit, use 50688)

(For removal without replacement of an externally accessible ureteral stent not requiring fluoroscopic guidance, see Evaluation and Management services codes)

- 50389** Removal of nephrostomy tube, requiring fluoroscopic guidance (eg, with concurrent indwelling ureteral stent)
 ➔ CPT Changes: An Insider's View 2006
 ➔ CPT Assistant Sep 06:1-2, 4, Jan 16:3
 ➔ Clinical Examples in Radiology Winter 06:16, Fall 21:8
 (Removal of nephrostomy tube not requiring fluoroscopic guidance is considered inherent to E/M services. Report the appropriate level of E/M service provided)

Other Introduction (Injection/Change/Removal) Procedures

Percutaneous genitourinary procedures are performed with imaging guidance (eg, fluoroscopy and/or ultrasound). Diagnostic nephrostogram and/or ureterogram are typically performed with percutaneous genitourinary procedures and are included in 50432, 50433, 50434, 50435, 50436, 50437, 50693, 50694, 50695.

Code 50436 describes enlargement of an existing percutaneous tract to the renal collecting system to accommodate large instruments used in an endourologic procedure. Code 50436 includes predilation urinary tract imaging, postprocedure nephrostomy tube placement, when performed, and includes all radiological supervision and interpretation and imaging guidance (eg, ultrasound, fluoroscopy). Code 50436 may not be reported with 50432, 50433, 52334 for basic dilation of a percutaneous tract during initial placement of a catheter or device.

Code 50437 includes all elements of 50436, but also includes new access into the renal collecting system performed in the same session when a pre-existing tract is not present.

Codes 50430 and 50431 are diagnostic procedure codes that include injection(s) of contrast material, all associated radiological supervision and interpretation, and procedural imaging guidance (eg, ultrasound and/or fluoroscopy). Code 50430 also includes accessing the collecting system and/or associated ureter with a needle and/or catheter. Codes 50430 or 50431 may not be reported together with 50432, 50433, 50434, 50435, 50693, 50694, 50695.

Codes 50432, 50433, 50434, 50435 represent therapeutic procedures describing catheter placement or exchange, and include the elements of access, drainage catheter manipulations, and imaging guidance (eg, ultrasonography and/or fluoroscopy), as well as diagnostic imaging supervision and interpretation, when performed.

Code 50433 describes percutaneous nephrostomy with the additional accessing of the ureter/bladder to ultimately place a nephroureteral catheter (a single transnephric catheter with nephrostomy and ureteral components that allows drainage internally, externally, or both).

For codes 50430, 50431, 50432, 50433, 50434, 50435, 50606, 50693, 50694, 50695, 50705, and 50706, the renal pelvis and its associated ureter are considered a single entity for reporting purposes. Codes 50430, 50431, 50432, 50433, 50434, 50435, 50606, 50693, 50694, 50695, 50705, and 50706 may be reported once for each renal collecting system/ureter accessed (eg, two separate codes would be reported for bilateral nephrostomy tube placement or for unilateral duplicated collecting system/ureter requiring two separate procedures).

50390 Aspiration and/or injection of renal cyst or pelvis by needle, percutaneous
 ➔ CPT Assistant Fall 93:14, Dec 97:7, Oct 01:8, Oct 05:18, Oct 08:8

(For radiological supervision and interpretation, see 74425, 74470, 76942, 77002, 77012, 77021)

(For antegrade nephrostogram and/or antegrade pyelogram, see 50430, 50431)

50391 Instillation(s) of therapeutic agent into renal pelvis and/or ureter through established nephrostomy, pyelostomy or ureterostomy tube (eg, anticarcinogenic or antifungal agent)

➔ CPT Changes: An Insider's View 2005

➔ CPT Assistant Oct 05:18

50436 Dilation of existing tract, percutaneous, for an endourologic procedure including imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation, with postprocedure tube placement, when performed;

➔ CPT Changes: An Insider's View 2019

➔ Clinical Examples in Radiology Winter 19:5

50437 including new access into the renal collecting system

➔ CPT Changes: An Insider's View 2019

➔ Clinical Examples in Radiology Winter 19:4

(Do not report 50436, 50437 in conjunction with 50382, 50384, 50430, 50431, 50432, 50433, 52334, 74485)

(For nephrolithotomy, see 50080, 50081)

(For dilation of an existing percutaneous access for an endourologic procedure with a new access into the collecting system, use 50437; for additional new access into the kidney, use 50437 for each new access that is dilated for an endourologic procedure)

(For endoscopic surgery, see 50551-50561)

(For retrograde percutaneous nephrostomy, use 52334)

50396 Manometric studies through nephrostomy or pyelostomy tube, or indwelling ureteral catheter

➔ CPT Assistant Fall 93:16, Dec 97:7, Oct 01:8

(For radiological supervision and interpretation, use 74425)

- # 50430** Injection procedure for antegrade nephrostogram and/or ureterogram, complete diagnostic procedure including imaging guidance (eg, ultrasound and fluoroscopy) and all associated radiological supervision and interpretation; new access

➔ CPT Changes: An Insider's View 2016, 2017

➔ CPT Assistant Oct 15:5, Jan 16:3

➔ Clinical Examples in Radiology Fall 15:3, Spring 16:12, Fall 20:12, Fall 21:7

- # 50431** existing access

➔ CPT Changes: An Insider's View 2016

➔ CPT Assistant Oct 15:5, Jan 16:3

➔ Clinical Examples in Radiology Fall 15:3, Spring 16:12, Fall 20:12, Fall 21:7

(Do not report 50430, 50431 in conjunction with 50432, 50433, 50434, 50435, 50693, 50694, 50695, 74425 for the same renal collecting system and/or associated ureter)

- # 50432** Placement of nephrostomy catheter, percutaneous, including diagnostic nephrostogram and/or ureterogram when performed, imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation

➔ CPT Changes: An Insider's View 2016, 2017

➔ CPT Assistant Oct 15:5, Jan 16:3, Mar 18:11

➔ Clinical Examples in Radiology Fall 15:2, Spring 16:12, Fall 20:12, Fall 21:7-8

(Do not report 50432 in conjunction with 50430, 50431, 50433, 50436, 50437, 50694, 50695, 74425, for the same renal collecting system and/or associated ureter)

(Do not report 50432 in conjunction with 50436, 50437, for dilation of the nephrostomy tube tract)

- # 50433** Placement of nephroureteral catheter, percutaneous, including diagnostic nephrostogram and/or ureterogram when performed, imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation, new access

➔ CPT Changes: An Insider's View 2016, 2017

➔ CPT Assistant Oct 15:5, Jan 16:3, Mar 18:11

➔ Clinical Examples in Radiology Fall 15:3, Spring 16:12, Fall 20:12, Fall 21:7-8

(Do not report 50433 in conjunction with 50430, 50431, 50432, 50693, 50694, 50695, 74425 for the same renal collecting system and/or associated ureter)

(Do not report 50433 in conjunction with 50436, 50437, for dilation of the nephroureteral catheter tract)

(For nephroureteral catheter removal and replacement, use 50387)

- # 50434** Convert nephrostomy catheter to nephroureteral catheter, percutaneous, including diagnostic nephrostogram and/or ureterogram when performed, imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation, via pre-existing nephrostomy tract

➔ CPT Changes: An Insider's View 2016, 2017

➔ CPT Assistant Oct 15:5, Jan 16:3

➔ Clinical Examples in Radiology Fall 15:3, Spring 16:12, Fall 20:12, Fall 21:7-8

(Do not report 50434 in conjunction with 50430, 50431, 50435, 50684, 50693, 74425 for the same renal collecting system and/or associated ureter)

- # 50435** Exchange nephrostomy catheter, percutaneous, including diagnostic nephrostogram and/or ureterogram when performed, imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation

➔ CPT Changes: An Insider's View 2016

➔ CPT Assistant Oct 15:5, Jan 16:3, Mar 18:11, Dec 22:20

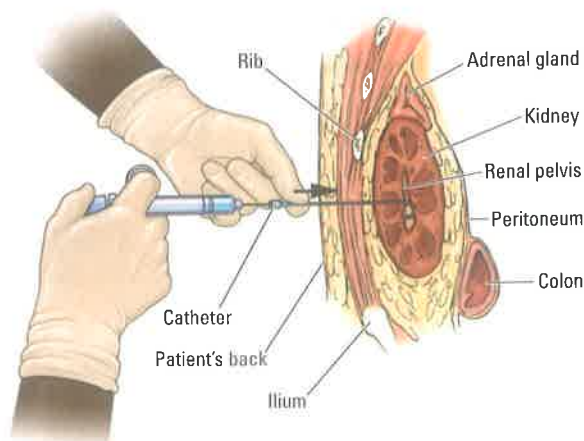
➔ Clinical Examples in Radiology Fall 15:3, Spring 16:12, Fall 20:12, Fall 21:7-8

(Do not report 50435 in conjunction with 50430, 50431, 50434, 50693, 74425 for the same renal collecting system and/or associated ureter)

(For removal of nephrostomy catheter requiring fluoroscopic guidance, use 50389)

Introduction of Catheter Into Renal Pelvis 50432

The physician inserts a catheter into the renal pelvis in order to drain urine.



Repair

50400 Pyeloplasty (Foley Y-pyeloplasty), plastic operation on renal pelvis, with or without plastic operation on ureter, nephropexy, nephrostomy, pyelostomy, or ureteral splinting; simple

➔ CPT Changes: An Insider's View 2000

➔ CPT Assistant Nov 99:25, May 00:4, Oct 01:8

50405 complicated (congenital kidney abnormality, secondary pyeloplasty, solitary kidney, calyco-plasty)

➔ CPT Changes: An Insider's View 2000

➔ CPT Assistant Nov 99:25, May 00:4, Oct 01:8

(For laparoscopic approach, use 50544)

50430 Code is out of numerical sequence. See 50390-50405

50431 Code is out of numerical sequence. See 50390-50405

50432 Code is out of numerical sequence. See 50390-50405

50433 Code is out of numerical sequence. See 50390-50405

50434 Code is out of numerical sequence. See 50390-50405

50435 Code is out of numerical sequence. See 50390-50405

50436 Code is out of numerical sequence. See 50390-50405

50437 Code is out of numerical sequence. See 50390-50405

50500 Nephrorrhaphy, suture of kidney wound or injury

50520 Closure of nephrocutaneous or pyelocutaneous fistula

50525 Closure of nephrovisceral fistula (eg, renocolic), including visceral repair; abdominal approach

50526 thoracic approach

50540 Symphysiotomy for horseshoe kidney with or without pyeloplasty and/or other plastic procedure, unilateral or bilateral (1 operation)

Laparoscopy

Surgical laparoscopy always includes diagnostic laparoscopy. To report a diagnostic laparoscopy (peritoneoscopy) (separate procedure), use 49320.

50541 Laparoscopy, surgical; ablation of renal cysts

➔ CPT Changes: An Insider's View 2000

➔ CPT Assistant Nov 99:25, May 00:4, Oct 01:8, Nov 02:3, Jan 03:20

50542 ablation of renal mass lesion(s), including intraoperative ultrasound guidance and monitoring, when performed

➔ CPT Changes: An Insider's View 2003, 2011

➔ CPT Assistant Nov 02:3, Jan 03:21, Aug 04:12

(For open procedure, use 50250)

(For percutaneous ablation of renal tumors, see 50592, 50593)

50543 partial nephrectomy

➔ CPT Changes: An Insider's View 2003

➔ CPT Assistant Nov 02:3, Jan 03:21

(For open procedure, use 50240)

50544 pyeloplasty

➔ CPT Changes: An Insider's View 2000

➔ CPT Assistant Nov 99:25, May 00:4, Oct 01:8

50545 radical nephrectomy (includes removal of Gerota's fascia and surrounding fatty tissue, removal of regional lymph nodes, and adrenalectomy)

➔ CPT Changes: An Insider's View 2001

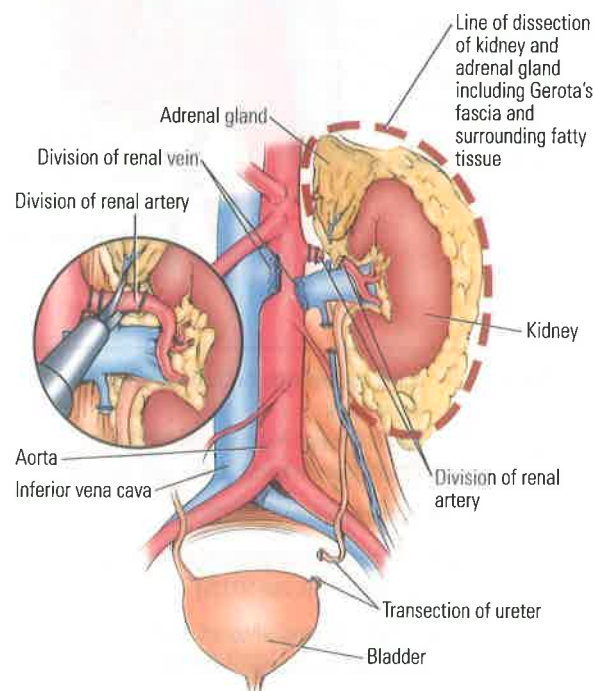
➔ CPT Assistant Oct 01:8

(For open procedure, use 50230)

Laparoscopic Radical Nephrectomy

50545

Radical nephrectomy (includes removal of Gerota's fascia and surrounding fatty tissue, removal of regional lymph nodes, and adrenalectomy)



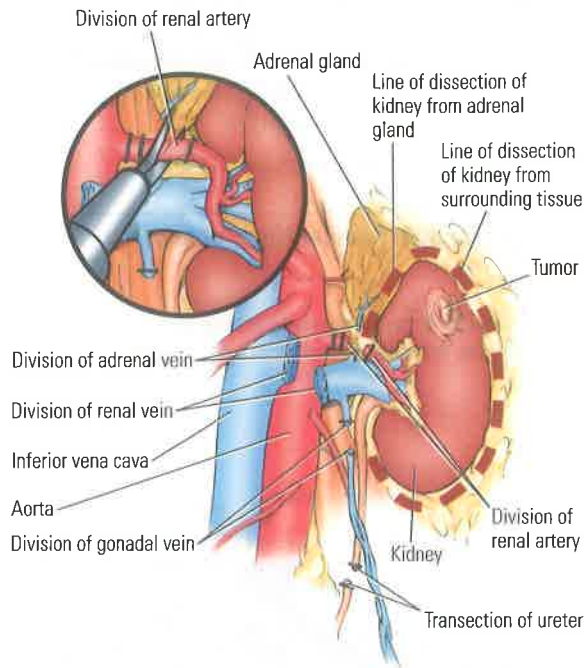
50546 nephrectomy, including partial ureterectomy➔ CPT Changes: *An Insider's View* 2000, 2001

➔ CPT Assistant Nov 99:25, May 00:4, Oct 01:8

Laparoscopic Nephrectomy

50546

A kidney is dissected and removed under laparoscopic guidance.

**50547** donor nephrectomy (including cold preservation), from living donor➔ CPT Changes: *An Insider's View* 2000, 2005

➔ CPT Assistant Nov 99:25, May 00:4, Oct 01:8

(For open procedure, use 50320)

(For backbench renal allograft standard preparation prior to transplantation, use 50325)

(For backbench renal allograft reconstruction prior to transplantation, see 50327-50329)

50548 nephrectomy with total ureterectomy➔ CPT Changes: *An Insider's View* 2000, 2001

➔ CPT Assistant Nov 99:25, May 00:4, Oct 01:8

(For open procedure, see 50234, 50236)

50549 Unlisted laparoscopy procedure, renal➔ CPT Changes: *An Insider's View* 2000

➔ CPT Assistant Nov 99:25, Mar 00:9, May 00:4, Feb 06:16

(For laparoscopic drainage of lymphocele to peritoneal cavity, use 49323)

Endoscopy

(For supplies and materials, use 99070)

50551 Renal endoscopy through established nephrostomy or pyelostomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service;

➔ CPT Assistant Oct 01:8, Jan 03:21

50553 with ureteral catheterization, with or without dilation of ureter

➔ CPT Assistant Oct 01:8

(For image-guided dilation of ureter without endoscopic guidance, use 50706)

50555 with biopsy

➔ CPT Assistant Oct 01:8

(For image-guided biopsy of ureter and/or renal pelvis without endoscopic guidance, use 50606)

50557 with fulguration and/or incision, with or without biopsy

➔ CPT Assistant Oct 01:8

50561 with removal of foreign body or calculus

➔ CPT Assistant Oct 01:8, Jan 03:21

50562 with resection of tumor➔ CPT Changes: *An Insider's View* 2003

➔ CPT Assistant Jan 03:21

(When procedures 50570-50580 provide a significant identifiable service, they may be added to 50045 and 50120)

50570 Renal endoscopy through nephrotomy or pyelotomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service;

➔ CPT Assistant Oct 01:8

(For nephrotomy, use 50045)

(For pyelotomy, use 50120)

50572 with ureteral catheterization, with or without dilation of ureter

➔ CPT Assistant Oct 01:8

(For image-guided dilation of ureter without endoscopic guidance, use 50706)

50574 with biopsy

➔ CPT Assistant Oct 01:8

(For image-guided biopsy of ureter and/or renal pelvis without endoscopic guidance, use 50606)

- 50575** with endopyelotomy (includes cystoscopy, ureteroscopy, dilation of ureter and ureteral pelvic junction, incision of ureteral pelvic junction and insertion of endopyelotomy stent)
 ➔ CPT Assistant Oct 01:8, Aug 02:11
- 50576** with fulguration and/or incision, with or without biopsy
 ➔ CPT Assistant Oct 01:8
- 50580** with removal of foreign body or calculus
 ➔ CPT Assistant Oct 01:8

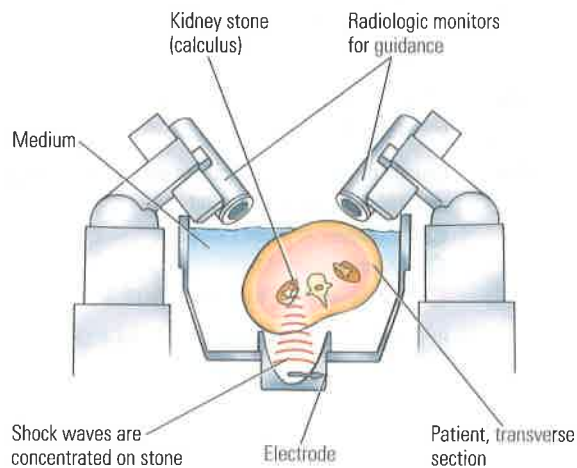
Other Procedures

- 50590** Lithotripsy, extracorporeal shock wave
 ➔ CPT Assistant Jul 01:11, Aug 01:10, Oct 01:8, Jul 03:16, Aug 03:14, Feb 22:14

Lithotripsy

50590

The physician breaks up a kidney stone (calculus) by directing shock waves through a liquid surrounding the patient.



- 50592** Ablation, 1 or more renal tumor(s), percutaneous, unilateral, radiofrequency
 ➔ CPT Changes: An Insider's View 2006, 2017
 ➔ Clinical Examples in Radiology Winter 06:16, Summer 12:11
 (50592 is a unilateral procedure. For bilateral procedure, report 50592 with modifier 50)
 (For imaging guidance and monitoring, see 76940, 77013, 77022)
- 50593** Ablation, renal tumor(s), unilateral, percutaneous, cryotherapy
 ➔ CPT Changes: An Insider's View 2008, 2017
 ➔ CPT Assistant May 17:3
 (50593 is a unilateral procedure. For bilateral procedure, report 50593 with modifier 50)
 (For imaging guidance and monitoring, see codes 76940, 77013, 77022)

Ureter

Incision/Biopsy

Code 50606 is an add-on code describing endoluminal biopsy (eg, brush) using non-endoscopic imaging guidance, which may be reported once per ureter per day. This code includes the work of the biopsy and the imaging guidance and radiological supervision and interpretation required to accomplish the biopsy. The biopsy may be performed through *de novo* transrenal access, an existing renal/ureteral access, transurethral access, an ileal conduit, or ureterostomy. The service of gaining access may be reported separately. Diagnostic pyelography/ureterography is not included in the work of 50606 and may be reported separately. Other interventions or catheter placements performed at the same setting as the biopsy may be reported separately.

For codes 50430, 50431, 50432, 50433, 50434, 50435, 50606, 50693, 50694, 50695, 50705, and 50706, the renal pelvis and its associated ureter are considered a single entity for reporting purposes. Codes 50430, 50431, 50432, 50433, 50434, 50435, 50606, 50693, 50694, 50695, 50705, and 50706 may be reported once for each renal collecting system/ureter accessed (eg, two separate codes would be reported for bilateral nephrostomy tube placement or for unilateral duplicated collecting system/ureter requiring two separate procedures).

- 50600** Ureterotomy with exploration or drainage (separate procedure)

(For ureteral endoscopy performed in conjunction with this procedure, see 50970-50980)

- 50605** Ureterotomy for insertion of indwelling stent, all types

➔ CPT Assistant Oct 01:8, Dec 09:4, Apr 12:18

- + 50606** Endoluminal biopsy of ureter and/or renal pelvis, non-endoscopic, including imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation (List separately in addition to code for primary procedure)

➔ CPT Changes: An Insider's View 2016, 2017

➔ CPT Assistant Jan 16:3

➔ Clinical Examples in Radiology Fall 15:3, Spring 16:12, Fall 21:7

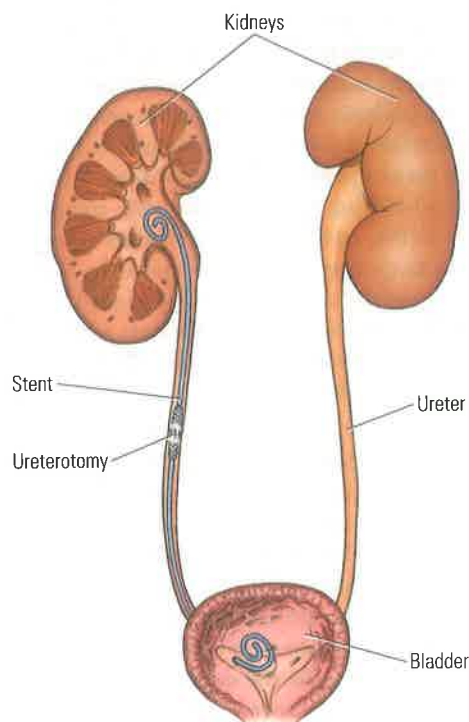
(Use 50606 in conjunction with 50382, 50384, 50385, 50386, 50387, 50389, 50430, 50431, 50432, 50433, 50434, 50435, 50684, 50688, 50690, 50693, 50694, 50695, 51610)

(Do not report 50606 in conjunction with 50555, 50574, 50955, 50974, 52007, 74425 for the same renal collecting system and/or associated ureter)

Indwelling Ureteral Stent

50605

The physician makes an incision in the ureter (ureterotomy) and inserts a stent. For placement using cystourethroscopic technique, use 52332.

**50610** Ureterolithotomy; upper one-third of ureter

➔ CPT Changes: An Insider's View 2000

➔ CPT Assistant Nov 99:26, Oct 01:8

50620 middle one-third of ureter

➔ CPT Changes: An Insider's View 2000

➔ CPT Assistant Nov 99:26, Oct 01:8

50630 lower one-third of ureter

➔ CPT Changes: An Insider's View 2000

➔ CPT Assistant Nov 99:26, Oct 01:8, May 14:3

(For laparoscopic approach, use 50945)

(For transvesical ureterolithotomy, use 51060)

(For cystotomy with stone basket extraction of ureteral calculus, use 51065)

(For endoscopic extraction or manipulation of ureteral calculus, see 50080, 50081, 50561, 50961, 50980, 52320-52330, 52352, 52353, 52356)

Excision

(For ureterocele, see 51535, 52300)

50650 Ureterectomy, with bladder cuff (separate procedure)**50660** Ureterectomy, total, ectopic ureter, combination abdominal, vaginal and/or perineal approach**Introduction****Other Introduction (Injection/Change/Removal) Procedures**

Codes 50693, 50694, 50695 are therapeutic procedure codes describing percutaneous placement of ureteral stents. These codes include access, drainage, catheter manipulations, diagnostic nephrostogram and/or ureterogram, when performed, imaging guidance (eg, ultrasonography and/or fluoroscopy), and all associated radiological supervision and interpretation. When a separate ureteral stent and a nephrostomy catheter are placed into a ureter and its associated renal pelvis during the same session through a new percutaneous renal access, use 50695 to report the procedure.

50684 Injection procedure for ureterography or ureteropyelography through ureterostomy or indwelling ureteral catheter

➔ CPT Assistant Jan 16:3

(Do not report 50684 in conjunction with 50433, 50434, 50693, 50694, 50695)

(For radiological supervision and interpretation, use 74425)

50686 Manometric studies through ureterostomy or indwelling ureteral catheter**50688** Change of ureterostomy tube or externally accessible ureteral stent via ileal conduit

➔ CPT Changes: An Insider's View 2006

➔ CPT Assistant Jan 16:3

➔ Clinical Examples in Radiology Winter 06:20

(If imaging guidance is performed, use 75984)

50690 Injection procedure for visualization of ileal conduit and/or ureteropyelography, exclusive of radiologic service

➔ CPT Assistant Jan 16:3

(For radiological supervision and interpretation, see 74420 for retrograde or 74425 for antegrade injection)

50693 Placement of ureteral stent, percutaneous, including diagnostic nephrostogram and/or ureterogram when performed, imaging guidance (eg, ultrasound and/or fluoroscopy), and all associated radiological supervision and interpretation; pre-existing nephrostomy tract

➔ CPT Changes: An Insider's View 2016, 2017

➔ CPT Assistant Oct 15:5, Jan 16:3

➔ Clinical Examples in Radiology Fall 15:3, Spring 16:12, Fall 20:12, Fall 21:7

50694 new access, without separate nephrostomy catheter
 ➔ *CPT Changes: An Insider's View* 2016, 2017
 ➔ *CPT Assistant* Oct 15:5, Jan 16:3
 ➔ *Clinical Examples in Radiology* Fall 15:3, Spring 16:12, Fall 20:12, Fall 21:7

50695 new access, with separate nephrostomy catheter
 ➔ *CPT Changes: An Insider's View* 2016, 2017
 ➔ *CPT Assistant* Oct 15:5, Jan 16:3
 ➔ *Clinical Examples in Radiology* Fall 15:3, Spring 16:12, Fall 20:12, Fall 21:7

(Do not report 50693, 50694, 50695 in conjunction with 50430, 50431, 50432, 50433, 50434, 50435, 50684, 74425 for the same renal collecting system and/or associated ureter)

Repair

Codes 50705, 50706 are add-on codes describing embolization and balloon dilation of the ureter using non-endoscopic imaging guidance, and each may be reported once per ureter per day. These codes include embolization or dilation plus imaging guidance and radiological supervision and interpretation required to accomplish the embolization or dilation. These procedures may be performed through *de novo* transrenal access, an existing renal/ureteral access, transurethral access, an ileal conduit, or ureterostomy. The service of gaining access may be reported separately. Diagnostic pyelography/ureterography is not included in 50705 and 50706 and may be reported separately. Other interventions or catheter placements performed at the same setting as the embolization/dilation may be reported separately.

50700 Ureteroplasty, plastic operation on ureter (eg, stricture)

+ 50705 Ureteral embolization or occlusion, including imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation (List separately in addition to code for primary procedure)
 ➔ *CPT Changes: An Insider's View* 2016, 2017
 ➔ *CPT Assistant* Jan 16:3
 ➔ *Clinical Examples in Radiology* Fall 15:3, Spring 16:12, Fall 21:7

(Use 50705 in conjunction with 50382, 50384, 50385, 50386, 50387, 50389, 50430, 50431, 50432, 50433, 50434, 50435, 50684, 50688, 50690, 50693, 50694, 50695, 51610)

+ 50706 Balloon dilation, ureteral stricture, including imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation (List separately in addition to code for primary procedure)
 ➔ *CPT Changes: An Insider's View* 2016, 2017
 ➔ *CPT Assistant* Jan 16:3
 ➔ *Clinical Examples in Radiology* Fall 15:3, Spring 16:12, Fall 21:7

(Use 50706 in conjunction with 50382, 50384, 50385, 50386, 50387, 50389, 50430, 50431, 50432, 50433, 50434, 50435, 50684, 50688, 50690, 50693, 50694, 50695, 51610)

(Do not report 50706 in conjunction with 50553, 50572, 50953, 50972, 52341, 52344, 52345, 74485)

(For percutaneous nephrostomy, nephroureteral catheter, and/or ureteral catheter placement use 50385, 50387, 50432, 50433, 50434, 50435, 50693, 50694, 50695)

50715 Ureterolysis, with or without repositioning of ureter for retroperitoneal fibrosis

(For bilateral procedure, report 50715 with modifier 50)

50722 Ureterolysis for ovarian vein syndrome

50725 Ureterolysis for retrocaval ureter, with reanastomosis of upper urinary tract or vena cava

50727 Revision of urinary-cutaneous anastomosis (any type urostomy);

with repair of fascial defect and hernia

50740 Ureteropyelostomy, anastomosis of ureter and renal pelvis

➔ *CPT Assistant* Oct 01:8

50750 Ureterocalycostomy, anastomosis of ureter to renal calyx

➔ *CPT Assistant* Oct 01:8

50760 Ureteroureterostomy

➔ *CPT Assistant* Oct 01:8

50770 Transureteroureterostomy, anastomosis of ureter to contralateral ureter

(Codes 50780-50785 include minor procedures to prevent vesicoureteral reflux)

50780 Ureteroneocystostomy; anastomosis of single ureter to bladder

➔ *CPT Assistant* Oct 01:8, Feb 18:11

(For bilateral procedure, report 50780 with modifier 50)

(When combined with cystourethroplasty or vesical neck revision, use 51820)

50782 anastomosis of duplicated ureter to bladder

➔ *CPT Assistant* Oct 01:8

50783 with extensive ureteral tailoring

➔ *CPT Assistant* Oct 01:8

50785 with vesico-psoas hitch or bladder flap

➔ *CPT Assistant* Oct 01:8

(For bilateral procedure, report 50785 with modifier 50)

50800 Ureteroenterostomy, direct anastomosis of ureter to intestine

➔ *CPT Assistant* Oct 01:8

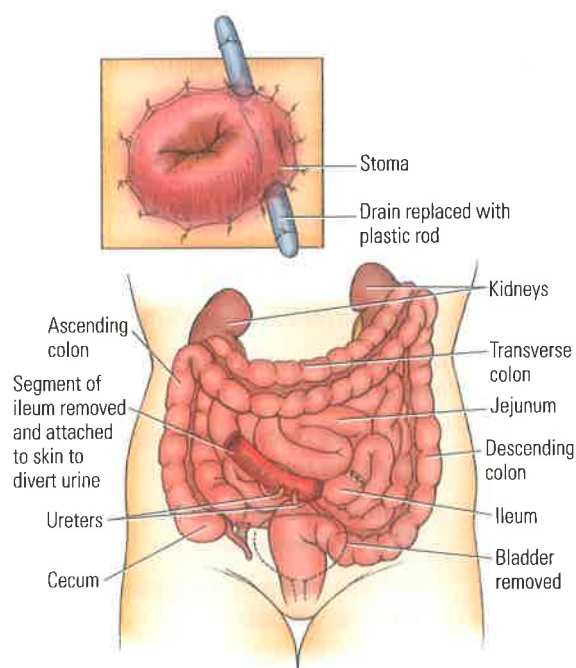
(For bilateral procedure, report 50800 with modifier 50)

- 50810** Ureterosigmoidostomy, with creation of sigmoid bladder and establishment of abdominal or perineal colostomy, including intestine anastomosis
 ➔ CPT Changes: An Insider's View 2002
 ➔ CPT Assistant Oct 01:8
- 50815** Ureterocolon conduit, including intestine anastomosis
 ➔ CPT Assistant Oct 01:8
 (For bilateral procedure, report 50815 with modifier 50)
- 50820** Ureteroileal conduit (ileal bladder), including intestine anastomosis (Bricker operation)
 ➔ CPT Changes: An Insider's View 2002
 ➔ CPT Assistant Oct 01:8
 (For bilateral procedure, report 50820 with modifier 50)
 (For combination of 50800-50820 with cystectomy, see 51580-51595)

Ureteroileal Conduit

50820

The ureters are connected to a segment of intestine to divert urine flow through an opening in the skin.



- 50825** Continent diversion, including intestine anastomosis using any segment of small and/or large intestine (Kock pouch or Camey enterocystoplasty)
 ➔ CPT Changes: An Insider's View 2002
 ➔ CPT Assistant Oct 01:8
- 50830** Urinary undiversion (eg, taking down of ureteroileal conduit, ureterosigmoidostomy or ureteroenterostomy with ureteroureterostomy or ureteroneocystostomy)
 ➔ CPT Assistant Oct 01:8

- 50840** Replacement of all or part of ureter by intestine segment, including intestine anastomosis
 ➔ CPT Changes: An Insider's View 2002
 ➔ CPT Assistant Oct 01:8
 (For bilateral procedure, report 50840 with modifier 50)
- 50845** Cutaneous appendico-vesicostomy
- 50860** Ureterostomy, transplantation of ureter to skin
 (For bilateral procedure, report 50860 with modifier 50)
- 50900** Ureterorrhaphy, suture of ureter (separate procedure)
- 50920** Closure of ureterocutaneous fistula
- 50930** Closure of ureterovisceral fistula (including visceral repair)
- 50940** Deligation of ureter
 (For ureteroplasty, ureterolysis, see 50700-50860)

Laparoscopy

Surgical laparoscopy always includes diagnostic laparoscopy. To report a diagnostic laparoscopy (peritoneoscopy) (separate procedure), use 49320.

- 50945** Laparoscopy, surgical; ureterolithotomy
 ➔ CPT Changes: An Insider's View 2000
 ➔ CPT Assistant Nov 99:26, May 00:4, Oct 01:8, Sep 06:13
- 50947** ureteroneocystostomy with cystoscopy and ureteral stent placement
 ➔ CPT Changes: An Insider's View 2001
 ➔ CPT Assistant Oct 01:8
- 50948** ureteroneocystostomy without cystoscopy and ureteral stent placement
 ➔ CPT Changes: An Insider's View 2001
 ➔ CPT Assistant Oct 01:8
 (For open ureteroneocystostomy, see 50780-50785)
- 50949** Unlisted laparoscopy procedure, ureter
 ➔ CPT Changes: An Insider's View 2001
 ➔ CPT Assistant Oct 01:8

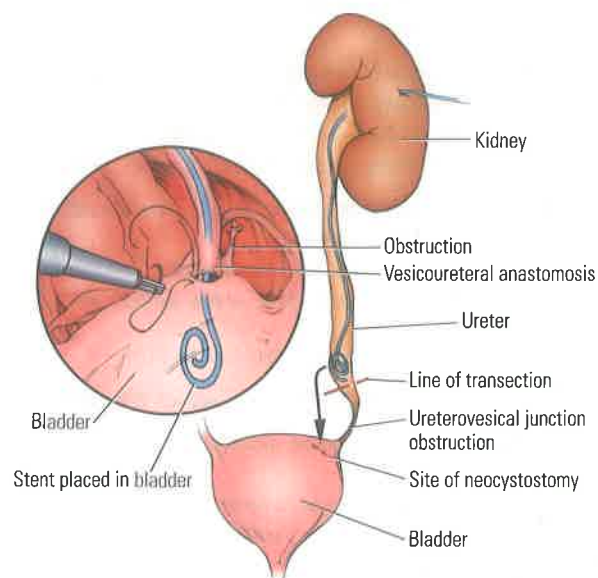
Endoscopy

- 50951** Ureteral endoscopy through established ureterostomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service;
 ➔ CPT Assistant Oct 01:8
- 50953** with ureteral catheterization, with or without dilation of ureter
 ➔ CPT Assistant Oct 01:8
 (For image-guided dilation of ureter without endoscopic guidance, use 50706)

Laparoscopic Ureteroneocystostomy

50947

Ureteroneocystostomy with cystoscopy and ureteral stent placement



- 50955** with biopsy
 ➔ CPT Assistant Oct 01:8
 (For image-guided biopsy of ureter and/or renal pelvis without endoscopic guidance, use 50606)
- 50957** with fulguration and/or incision, with or without biopsy
 ➔ CPT Assistant Oct 01:8
- 50961** with removal of foreign body or calculus
 ➔ CPT Assistant Oct 01:8, Mar 07:10, Apr 07:12
- 50970** Ureteral endoscopy through ureterotomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service;
 ➔ CPT Assistant Oct 01:8
 (For ureterotomy, use 50600)
- 50972** with ureteral catheterization, with or without dilation of ureter
 ➔ CPT Assistant Oct 01:8
 (For image-guided dilation of ureter without endoscopic guidance, use 50706)
- 50974** with biopsy
 ➔ CPT Assistant Oct 01:8
 (For image-guided biopsy of ureter and/or renal pelvis without endoscopic guidance, use 50606)
- 50976** with fulguration and/or incision, with or without biopsy
 ➔ CPT Assistant Oct 01:8
- 50980** with removal of foreign body or calculus
 ➔ CPT Assistant Oct 01:8

Bladder**Incision**

- 51020** Cystotomy or cystostomy; with fulguration and/or insertion of radioactive material
- 51030** with cryosurgical destruction of intravesical lesion
- 51040** Cystostomy, cystostomy with drainage
- 51045** Cystotomy, with insertion of ureteral catheter or stent (separate procedure)
- 51050** Cystolithotomy, cystotomy with removal of calculus, without vesical neck resection
- 51060** Transvesical ureterolithotomy
- 51065** Cystotomy, with calculus basket extraction and/or ultrasonic or electrohydraulic fragmentation of ureteral calculus
 ➔ CPT Changes: An Insider's View 2002
- 51080** Drainage of perivesical or prevesical space abscess
 (For percutaneous image-guided fluid collection drainage by catheter of perivesicular or prevesicular space abscess, use 49406)

Removal

- 51100** Aspiration of bladder; by needle
 ➔ CPT Changes: An Insider's View 2008
 ➔ CPT Assistant Jun 08:11
- 51101** by trocar or intracatheter
 ➔ CPT Changes: An Insider's View 2008
 ➔ CPT Assistant Jun 08:11
- 51102** with insertion of suprapubic catheter
 ➔ CPT Changes: An Insider's View 2008
 ➔ CPT Assistant Jun 08:11
 (For imaging guidance, see 76942, 77002, 77012)

Excision

- 51500** Excision of urachal cyst or sinus, with or without umbilical hernia repair
- 51520** Cystotomy; for simple excision of vesical neck (separate procedure)
- 51525** for excision of bladder diverticulum, single or multiple (separate procedure)
- 51530** for excision of bladder tumor
 (For transurethral resection, see 52234-52240, 52305)

- 51535** Cystotomy for excision, incision, or repair of ureterocele
(For bilateral procedure, report 51535 with modifier 50)
(For transurethral excision, use 52300)
- 51550** Cystectomy, partial; simple
- 51555** complicated (eg, postradiation, previous surgery, difficult location)
- 51565** Cystectomy, partial, with reimplantation of ureter(s) into bladder (ureteroneocystostomy)
- 51570** Cystectomy, complete; (separate procedure)
→ CPT Assistant Spring 93:35
- 51575** with bilateral pelvic lymphadenectomy, including external iliac, hypogastric, and obturator nodes
→ CPT Assistant Spring 93:35
- 51580** Cystectomy, complete, with ureterosigmoidostomy or ureterocutaneous transplantations;
- 51585** with bilateral pelvic lymphadenectomy, including external iliac, hypogastric, and obturator nodes
- 51590** Cystectomy, complete, with ureteroileal conduit or sigmoid bladder, including intestine anastomosis;
→ CPT Changes: An Insider's View 2002
- 51595** with bilateral pelvic lymphadenectomy, including external iliac, hypogastric, and obturator nodes
- 51596** Cystectomy, complete, with continent diversion, any open technique, using any segment of small and/or large intestine to construct neobladder
→ CPT Changes: An Insider's View 2002
- 51597** Pelvic exenteration, complete, for vesical, prostatic or urethral malignancy, with removal of bladder and ureteral transplantations, with or without hysterectomy and/or abdominoperineal resection of rectum and colon and colostomy, or any combination thereof

(For pelvic exenteration for gynecologic malignancy, use 58240)

Introduction

- 51600** Injection procedure for cystography or voiding urethrocytography
→ CPT Assistant Oct 19:11
→ Clinical Examples in Radiology Summer 19:11, Winter 21:3
(For radiological supervision and interpretation, see 74430, 74455)
- 51605** Injection procedure and placement of chain for contrast and/or chain urethrocytography
(For radiological supervision and interpretation, use 74430)
- 51610** Injection procedure for retrograde urethrocytography
→ CPT Assistant Jan 16:3, Oct 19:11, Jan 21:11
(For radiological supervision and interpretation, use 74450)

- 51700** Bladder irrigation, simple, lavage and/or instillation
→ CPT Assistant Jan 21:11

(Codes 51701-51702 are reported only when performed independently. Do not report 51701-51702 when catheter insertion is an inclusive component of another procedure.)
- 51701** Insertion of non-indwelling bladder catheter (eg, straight catheterization for residual urine)
→ CPT Changes: An Insider's View 2003
→ CPT Assistant Jul 06:4, Jan 07:31, Jul 07:1, Jan 21:11, Mar 23:1
- 51702** Insertion of temporary indwelling bladder catheter; simple (eg, Foley)
→ CPT Changes: An Insider's View 2003
→ CPT Assistant Oct 03:10, Jul 06:4, Jan 07:31, Jul 07:1, May 14:3, Jan 21:11
→ Clinical Examples in Radiology Spring 12:1

(Do not report 51702 in conjunction with 0071T, 0072T)
- 51703** complicated (eg, altered anatomy, fractured catheter/balloon)
→ CPT Changes: An Insider's View 2003
→ CPT Assistant Jan 07:31, Jan 21:11
- 51705** Change of cystostomy tube; simple
→ CPT Assistant Dec 07:13, Jan 21:11
- 51710** complicated
→ CPT Assistant Dec 07:13

(If imaging guidance is performed, use 75984)
- 51715** Endoscopic injection of implant material into the submucosal tissues of the urethra and/or bladder neck
- 51720** Bladder instillation of anticarcinogenic agent (including retention time)
→ CPT Changes: An Insider's View 2007
→ CPT Assistant Nov 02:11

Urodynamics

The following section (51725-51798) lists procedures that may be used separately or in many and varied combinations.

When multiple procedures are performed in the same investigative session, modifier 51 should be employed.

All procedures in this section imply that these services are performed by, or are under the direct supervision of, a physician or other qualified health care professional and that all instruments, equipment, fluids, gases, probes, catheters, technician's fees, medications, gloves, trays, tubing, and other sterile supplies be provided by that

individual. When the individual only interprets the results and/or operates the equipment, a professional component, modifier 26, should be used to identify these services.

51725 Simple cystometrogram (CMG) (eg, spinal manometer)
➔ CPT Assistant Sep 02:6, Feb 10:7

51726 Complex cystometrogram (ie, calibrated electronic equipment);

➔ CPT Changes: *An Insider's View* 2010

➔ CPT Assistant Sep 02:6, Feb 10:7

51727 with urethral pressure profile studies (ie, urethral closure pressure profile), any technique

➔ CPT Changes: *An Insider's View* 2010

➔ CPT Assistant Feb 10:7

51728 with voiding pressure studies (ie, bladder voiding pressure), any technique

➔ CPT Changes: *An Insider's View* 2010

➔ CPT Assistant Feb 10:7

51729 with voiding pressure studies (ie, bladder voiding pressure) and urethral pressure profile studies (ie, urethral closure pressure profile), any technique

➔ CPT Changes: *An Insider's View* 2010

➔ CPT Assistant Feb 10:7

#+ 51797 Voiding pressure studies, intra-abdominal (ie, rectal, gastric, intraperitoneal) (List separately in addition to code for primary procedure)

➔ CPT Changes: *An Insider's View* 2008, 2010

➔ CPT Assistant Dec 01:7, Sep 02:6, Oct 09:7, Feb 10:7

(Use 51797 in conjunction with 51728, 51729)

51736 Simple uroflowmetry (UFR) (eg, stop-watch flow rate, mechanical uroflowmeter)

➔ CPT Assistant Sep 02:6, Feb 10:7

► (Do not report 51736 in conjunction with 0811T, 0812T) ◀

51741 Complex uroflowmetry (eg, calibrated electronic equipment)

➔ CPT Assistant Sep 02:6, Feb 10:7, Sep 14:14

► (Do not report 51741 in conjunction with 0811T, 0812T) ◀

51784 Electromyography studies (EMG) of anal or urethral sphincter, other than needle, any technique

➔ CPT Assistant Sep 02:6, Feb 10:7, Feb 14:11, Sep 14:14

(Do not report 51784 in conjunction with 51792)

51785 Needle electromyography studies (EMG) of anal or urethral sphincter, any technique

➔ CPT Assistant Apr 02:6, Sep 02:6, Jul 04:13, Feb 10:7

51792 Stimulus evoked response (eg, measurement of bulbocavernosus reflex latency time)

➔ CPT Assistant Apr 02:6, Sep 02:6, Feb 10:7, Feb 14:11

(Do not report 51792 in conjunction with 51784)

51797 Code is out of numerical sequence. See 51728-51741

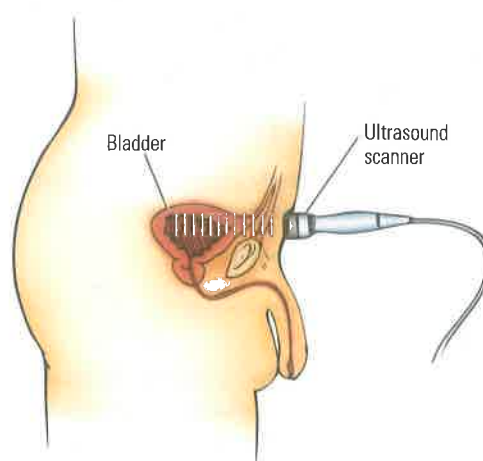
51798 Measurement of post-voiding residual urine and/or bladder capacity by ultrasound, non-imaging

➔ CPT Changes: *An Insider's View* 2003

➔ CPT Assistant Dec 05:3, Feb 10:7, Jun 18:11

Measurement of Postvoiding

51798



Repair

51800 Cystoplasty or cystourethroplasty, plastic operation on bladder and/or vesical neck (anterior Y-plasty, vesical fundus resection), any procedure, with or without wedge resection of posterior vesical neck

51820 Cystourethroplasty with unilateral or bilateral ureteroneocystostomy

51840 Anterior vesicourethropey, or urethropey (eg, Marshall-Marchetti-Krantz, Burch); simple

➔ CPT Assistant Jan 97:1, Nov 97:19, Apr 98:15, Jun 02:7, May 06:17, Jun 10:6, Aug 12:13

51841 complicated (eg, secondary repair)

➔ CPT Assistant Jan 97:1, Jun 02:7, Jun 10:6, Aug 12:13

(For urethropey (Pereyra type), use 57289)

51845 Abdomino-vaginal vesical neck suspension, with or without endoscopic control (eg, Stamey, Raz, modified Pereyra)

➔ CPT Assistant Jan 97:3

51860 Cystorrhaphy, suture of bladder wound, injury or rupture; simple

51865 complicated

- 51880** Closure of cystostomy (separate procedure)
- 51900** Closure of vesicovaginal fistula, abdominal approach
(For vaginal approach, see 57320-57330)
- 51920** Closure of vesicouterine fistula;
- 51925** with hysterectomy
(For closure of vesicoenteric fistula, see 44660, 44661)
(For closure of rectovesical fistula, see 45800-45805)
- 51940** Closure, exstrophy of bladder
→ CPT Changes: An Insider's View 2002
(See also 54390)
- 51960** Enterocystoplasty, including intestinal anastomosis
→ CPT Changes: An Insider's View 2002
- 51980** Cutaneous vesicostomy

Laparoscopy

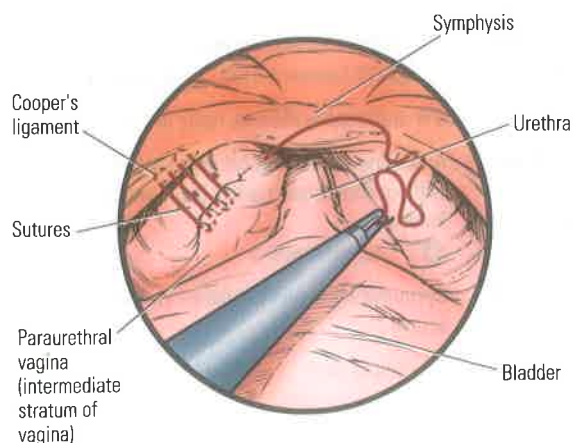
Surgical laparoscopy always includes diagnostic laparoscopy. To report a diagnostic laparoscopy (peritoneoscopy) (separate procedure), use 49320.

- 51990** Laparoscopy, surgical; urethral suspension for stress incontinence
→ CPT Changes: An Insider's View 2000
→ CPT Assistant Nov 99:26, May 00:4, Jun 10:6, Mar 12:10, Aug 12:13

Laparoscopic Sling Suspension Urinary Incontinence

51990

Nonabsorbable sutures are placed laparoscopically into the endopelvic fascia at the bladder neck region on each side and secured to the ipsilateral pectineal ligament. The sutures are tied using extra vaginal-urethral knots so as to create a hammock type suspension of the bladder neck, without urethral occlusion.



- 51992** sling operation for stress incontinence (eg, fascia or synthetic)
→ CPT Changes: An Insider's View 2000
→ CPT Assistant Nov 99:26, May 00:4, Mar 12:10, Aug 12:13
(For open sling operation for stress incontinence, use 57288)
(For reversal or removal of sling operation for stress incontinence, use 57287)
- 51999** Unlisted laparoscopy procedure, bladder
→ CPT Changes: An Insider's View 2006
→ CPT Assistant Dec 17:14

Endoscopy—Cystoscopy, Urethroscopy, Cystourethroscopy

Endoscopic descriptions are listed so that the main procedure can be identified without having to list all the minor related functions performed at the same time. For example: meatotomy, urethral calibration and/or dilation, urethroscopy, and cystoscopy prior to a transurethral resection of prostate; ureteral catheterization following extraction of ureteral calculus; internal urethrotomy and bladder neck fulguration when performing a cystourethroscopy for the female urethral syndrome. When the secondary procedure requires significant additional time and effort, it may be identified by the addition of modifier 22.

For example: urethrotomy performed for a documented pre-existing stricture or bladder neck contracture.

Because cutaneous urinary diversions utilizing ileum or colon serve as functional replacements of a native bladder, endoscopy of such bowel segments, as well as performance of secondary procedures can be captured by using the cystourethroscopy codes. For example, endoscopy of an ileal loop with removal of ureteral calculus would be coded as cystourethroscopy (including ureteral catheterization); with removal of ureteral calculus (52320).

- 52000** Cystourethroscopy (separate procedure)
→ CPT Assistant Oct 00:7, May 01:5, Sep 04:11, Oct 05:23, Nov 07:9, Mar 13:14, May 14:3, Oct 17:9, Nov 18:10
(Do not report 52000 in conjunction with 52001, 52320, 52325, 52327, 52330, 52332, 52334, 52341, 52342, 52343, 52356)
(Do not report 52000 in conjunction with 57240, 57260, 57265)
- 52001** Cystourethroscopy with irrigation and evacuation of multiple obstructing clots
→ CPT Changes: An Insider's View 2002, 2003
(Do not report 52001 in conjunction with 52000)

Coding Tip

Restrictions for Reporting Temporary Catheter Insertion and Removal with Cystourethroscopy

The insertion and removal of a temporary ureteral catheter (52005) during diagnostic or therapeutic cystourethroscopy with ureteroscopy and/or pyeloscopy is included in 52320-52356 and should not be reported separately.

CPT Coding Guidelines, Urinary System, Bladder Transurethral Surgery, Ureter and Pelvis

52005 Cystourethroscopy, with ureteral catheterization, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service;

➔ *CPT Assistant* Sep 00:11, Jan 01:13, May 01:5, Oct 01:8, Dec 10:15, Mar 19:11

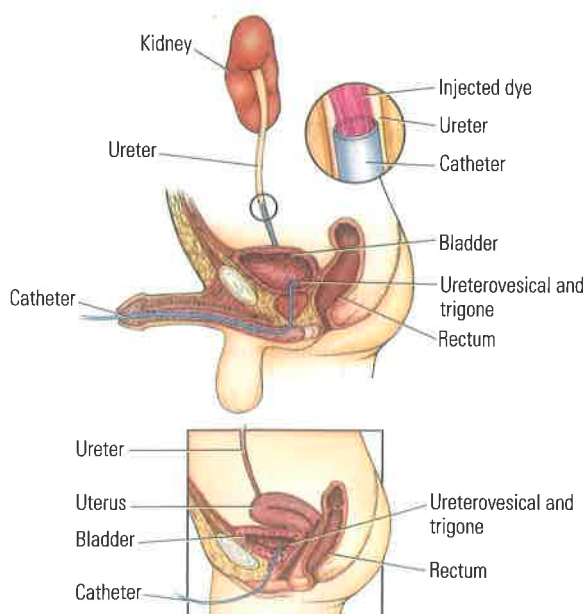
52007 with brush biopsy of ureter and/or renal pelvis

➔ *CPT Assistant* May 01:5, Oct 01:8

(For image-guided biopsy of ureter and/or renal pelvis without endoscopic guidance, use 50606)

Cystourethroscopy With Ureteral Catheterization 52005

A cystourethroscope is passed through the urethra and bladder in order to view the urinary collecting system.



52010 Cystourethroscopy, with ejaculatory duct catheterization, with or without irrigation, instillation, or duct radiography, exclusive of radiologic service

➔ *CPT Assistant* May 01:5

(For radiological supervision and interpretation, use 74440)

Transurethral Surgery

Urethra and Bladder

52204 Cystourethroscopy, with biopsy(s)

➔ *CPT Changes: An Insider's View* 2007

➔ *CPT Assistant* May 01:5, Sep 01:1, Sep 03:16, Aug 09:6, May 16:12

52214 Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) of trigone, bladder neck, prostatic fossa, urethra, or periurethral glands

➔ *CPT Assistant* May 01:5, Sep 01:1, Aug 09:6, May 16:12

(For transurethral fulguration of prostate tissue performed within the postoperative period of 52601 or 52630 performed by the same physician, append modifier 78)

(For transurethral fulguration of prostate tissue performed within the postoperative period of a related procedure performed by the same physician, append modifier 78)

(For transurethral fulguration of prostate for postoperative bleeding performed by the same physician, append modifier 78)

52224 Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) or treatment of MINOR (less than 0.5 cm) lesion(s) with or without biopsy

➔ *CPT Assistant* May 01:5, Sep 01:1, Dec 07:7, Jun 09:10, Aug 09:6, May 16:12

52234 Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) and/or resection of; SMALL bladder tumor(s) (0.5 up to 2.0 cm)

➔ *CPT Changes: An Insider's View* 2005

➔ *CPT Assistant* May 01:5, Sep 01:1, Oct 02:12, Jan 03:21, Jun 09:10, Aug 09:6, May 16:12

52235 MEDIUM bladder tumor(s) (2.0 to 5.0 cm)

➔ *CPT Assistant* May 01:5, Sep 01:1, Oct 02:12, Jan 03:21, Jun 09:10, Aug 09:6, May 16:12

52240 LARGE bladder tumor(s)

➔ *CPT Assistant* May 01:5, Sep 01:1, Jun 09:10, Aug 09:6, May 16:12

52250 Cystourethroscopy with insertion of radioactive substance, with or without biopsy or fulguration

➔ *CPT Assistant* May 01:5, Sep 01:1

52260 Cystourethroscopy, with dilation of bladder for interstitial cystitis; general or conduction (spinal) anesthesia

➔ *CPT Assistant* May 01:5, Sep 01:1, Oct 05:23

52265 local anesthesia

➔ *CPT Assistant* May 01:5, Sep 01:1

- 52270** Cystourethroscopy, with internal urethrotomy; female
➔ CPT Assistant May 01:5, Sep 01:1
- 52275** male
➔ CPT Assistant May 01:5, Sep 01:1
- 52276** Cystourethroscopy with direct vision internal urethrotomy
➔ CPT Assistant May 01:5, Sep 01:1, May 09:8, Feb 10:7
- 52277** Cystourethroscopy, with resection of external sphincter (sphincterotomy)
➔ CPT Assistant May 01:5, Sep 01:1
- 52281** Cystourethroscopy, with calibration and/or dilation of urethral stricture or stenosis, with or without meatotomy, with or without injection procedure for cystography, male or female
➔ CPT Assistant Nov 97:20, May 01:5, Sep 01:1, Jun 07:10, Oct 17:9
▶(For cystourethroscopy with mechanical urethral dilation and urethral therapeutic drug delivery by drug-coated balloon catheter for urethral stricture or stenosis, including fluoroscopy, use 52284)◀
- 52282** Cystourethroscopy, with insertion of permanent urethral stent
➔ CPT Changes: An Insider's View 2010
➔ CPT Assistant Nov 97:20, May 01:5, Sep 01:1, Feb 10:7, Jun 15:5
(For placement of temporary prostatic urethral stent, use 53855)
- 52283** Cystourethroscopy, with steroid injection into stricture
➔ CPT Assistant May 01:5, Sep 01:1, Mar 15:9
- **52284** Cystourethroscopy, with mechanical urethral dilation and urethral therapeutic drug delivery by drug-coated balloon catheter for urethral stricture or stenosis, male, including fluoroscopy, when performed
➔ CPT Changes: An Insider's View 2024
▶(Do not report 52284 in conjunction with 51610, 52000, 52281, 52283, 74450, 76000)◀
- 52285** Cystourethroscopy for treatment of the female urethral syndrome with any or all of the following: urethral meatotomy, urethral dilation, internal urethrotomy, lysis of urethrovaginal septal fibrosis, lateral incisions of the bladder neck, and fulguration of polyp(s) of urethra, bladder neck, and/or trigone
➔ CPT Assistant May 01:5, Sep 01:1
- 52287** Cystourethroscopy, with injection(s) for chemodenervation of the bladder
➔ CPT Changes: An Insider's View 2013
(The supply of the chemodenervation agent is reported separately)
- 52290** Cystourethroscopy; with ureteral meatotomy, unilateral or bilateral
➔ CPT Assistant May 01:5, Sep 01:1
- 52300** with resection or fulguration of orthotopic ureterocele(s), unilateral or bilateral
➔ CPT Assistant May 01:5, Sep 01:1

- 52301** with resection or fulguration of ectopic ureterocele(s), unilateral or bilateral
➔ CPT Assistant May 01:5, Sep 01:1
- 52305** with incision or resection of orifice of bladder diverticulum, single or multiple
➔ CPT Assistant May 01:5, Sep 01:1

Coding Tip

Instructions for Reporting Stent Removal

To report cystourethroscopic removal of a self-retaining, indwelling ureteral stent, see 52310, 52315, and append modifier 58, if appropriate.

CPT Coding Guidelines, Urinary System, Bladder Transurethral Surgery, Ureter and Pelvis

- 52310** Cystourethroscopy, with removal of foreign body, calculus, or ureteral stent from urethra or bladder (separate procedure); simple
➔ CPT Assistant May 01:5, Sep 01:1
- 52315** complicated
➔ CPT Assistant May 01:5, Sep 01:1
- 52317** Litholapaxy: crushing or fragmentation of calculus by any means in bladder and removal of fragments; simple or small (less than 2.5 cm)
➔ CPT Assistant May 01:5, Sep 01:1, Feb 12:11
- 52318** complicated or large (over 2.5 cm)
➔ CPT Assistant May 01:5, Sep 01:1, Feb 12:11

Ureter and Pelvis

Therapeutic cystourethroscopy always includes diagnostic cystourethroscopy. To report a diagnostic cystourethroscopy, use 52000. Therapeutic cystourethroscopy with ureteroscopy and/or pyeloscopy always includes diagnostic cystourethroscopy with ureteroscopy and/or pyeloscopy. To report a diagnostic cystourethroscopy with ureteroscopy and/or pyeloscopy, use 52351.

Do not report 52000 in conjunction with 52320-52343, 52356.

Do not report 52351 in conjunction with 52344-52346, 52352-52356.

The insertion and removal of a temporary ureteral catheter (52005) during diagnostic or therapeutic cystourethroscopy with ureteroscopy and/or pyeloscopy is included in 52320-52356 and should not be reported separately.

To report insertion of a self-retaining, indwelling stent performed during diagnostic or therapeutic cystourethroscopy with ureteroscopy and/or pyeloscopy, report 52332, in addition to primary procedure(s) performed (52320-52330, 52334-52352, 52354, 52355), and append modifier 51. Code 52332 is used to report a unilateral procedure unless otherwise specified.

For bilateral insertion of self-retaining, indwelling ureteral stents, use code 52332, and append modifier 50.

To report cystourethroscopic removal of a self-retaining, indwelling ureteral stent, see 52310, 52315, and append modifier 58, if appropriate.

52320 Cystourethroscopy (including ureteral catheterization); with removal of ureteral calculus

➔ CPT Assistant Mar 96:1, May 96:11, Jan 01:13, May 01:5, Sep 01:1, Oct 01:8, May 14:3

52325 with fragmentation of ureteral calculus (eg, ultrasonic or electro-hydraulic technique)

➔ CPT Assistant Mar 96:1, May 96:11, May 01:5, Sep 01:1, Oct 01:8, Dec 07:13

52327 with subureteric injection of implant material

➔ CPT Assistant Mar 96:1, May 96:11, May 01:5, Sep 01:1, Oct 01:8

52330 with manipulation, without removal of ureteral calculus

➔ CPT Assistant Mar 96:1, May 96:11, Sep 00:11, May 01:5, Sep 01:1, Oct 01:8, May 14:3

(Do not report 52320, 52325, 52327, 52330 in conjunction with 52000)

52332 Cystourethroscopy, with insertion of indwelling ureteral stent (eg, Gibbons or double-J type)

➔ CPT Assistant Mar 96:1, May 96:11, Nov 96:8, Jan 01:13, May 01:5, Sep 01:1, Oct 01:8, Oct 05:18, Dec 09:4, 12, May 14:3

(Do not report 52332 in conjunction with 52000, 52353, 52356 when performed together on the same side)

52334 Cystourethroscopy with insertion of ureteral guide wire through kidney to establish a percutaneous nephrostomy, retrograde

➔ CPT Assistant Mar 96:11, May 96:11, May 01:5, Sep 01:1, Oct 01:8, May 14:3

(For percutaneous nephrolithotomy, see 50080, 50081; for establishment of percutaneous nephrostomy, see 50432, 50433)

(For cystourethroscopy, with ureteroscopy and/or pyeloscopy, see 52351-52356)

(For cystourethroscopy with incision, fulguration, or resection of congenital posterior urethral valves or obstructive hypertrophic mucosal folds, use 52400)

(Do not report 52334 in conjunction with 50437, 52000, 52351)

52341 Cystourethroscopy; with treatment of ureteral stricture (eg, balloon dilation, laser, electrocautery, and incision)

➔ CPT Changes: An Insider's View 2001

➔ CPT Assistant Nov 96:9, Apr 01:4, May 01:5, Sep 01:1, Oct 01:8

52342 with treatment of ureteropelvic junction stricture (eg, balloon dilation, laser, electrocautery, and incision)

➔ CPT Changes: An Insider's View 2001

➔ CPT Assistant Apr 01:4, May 01:5, Sep 01:1, Oct 01:8, Aug 02:11

52343 with treatment of intra-renal stricture (eg, balloon dilation, laser, electrocautery, and incision)

➔ CPT Changes: An Insider's View 2001

➔ CPT Assistant Apr 01:4, May 01:5, Sep 01:1, Oct 01:8, May 14:3

(Do not report 52341, 52342, 52343 in conjunction with 52000, 52351)

(For image-guided dilation of ureter, ureteropelvic junction stricture without endoscopic guidance, use 50706)

(For radiological supervision and interpretation, use 74485)

52344 Cystourethroscopy with ureteroscopy; with treatment of ureteral stricture (eg, balloon dilation, laser, electrocautery, and incision)

➔ CPT Changes: An Insider's View 2001

➔ CPT Assistant Apr 01:4, May 01:5, Sep 01:1, Oct 01:8

52345 with treatment of ureteropelvic junction stricture (eg, balloon dilation, laser, electrocautery, and incision)

➔ CPT Changes: An Insider's View 2001

➔ CPT Assistant Apr 01:4, May 01:5, Sep 01:1, Oct 01:8

52346 with treatment of intra-renal stricture (eg, balloon dilation, laser, electrocautery, and incision)

➔ CPT Changes: An Insider's View 2001

➔ CPT Assistant Apr 01:4, May 01:5, Sep 01:1, Oct 01:8, May 14:3

(For transurethral resection or incision of ejaculatory ducts, use 52402)

(Do not report 52344, 52345, 52346 in conjunction with 52351)

(For image-guided dilation of ureter, ureteropelvic junction stricture without endoscopic guidance, use 50706)

(For radiological supervision and interpretation, use 74485)

52351 Cystourethroscopy, with ureteroscopy and/or pyeloscopy; diagnostic

➔ CPT Changes: An Insider's View 2001

➔ CPT Assistant Apr 01:4, May 01:5, Sep 01:1, Oct 01:8, May 14:3

(Do not report 52351 in conjunction with 52341, 52342, 52343, 52344, 52345, 52346, 52352-52356)

- 52352** with removal or manipulation of calculus (ureteral catheterization is included)
 ➔ CPT Changes: An Insider's View 2001
 ➔ CPT Assistant Apr 01:4, May 01:5, Sep 01:1, Oct 01:8, Jun 07:10, Feb 10:13, May 14:3, Dec 19:12
- 52353** with lithotripsy (ureteral catheterization is included)
 ➔ CPT Changes: An Insider's View 2001
 ➔ CPT Assistant Apr 01:4, May 01:5, Sep 01:1, Oct 01:8, Dec 07:13, Apr 09:8, May 14:3, Dec 19:12
- (Do not report 52353 in conjunction with 52332, 52356 when performed together on the same side)
- # 52356** with lithotripsy including insertion of indwelling ureteral stent (eg, Gibbons or double-J type)
 ➔ CPT Changes: An Insider's View 2014
 ➔ CPT Assistant May 14:3, Dec 19:12, Feb 22:14
- (Do not report 52356 in conjunction with 52332, 52353 when performed together on the same side)
- 52354** with biopsy and/or fulguration of ureteral or renal pelvic lesion
 ➔ CPT Changes: An Insider's View 2001, 2003
 ➔ CPT Assistant Apr 01:4, May 01:5, Sep 01:1, Oct 01:8, May 14:3
- (For image-guided biopsy of ureter and/or renal pelvis without endoscopic guidance, use 50606)
- 52355** with resection of ureteral or renal pelvic tumor
 ➔ CPT Changes: An Insider's View 2001, 2003
 ➔ CPT Assistant Apr 01:4, May 01:5, Sep 01:1, Oct 01:8, Jan 03:21, May 14:3

52356 Code is out of numerical sequence. See 52352-52355

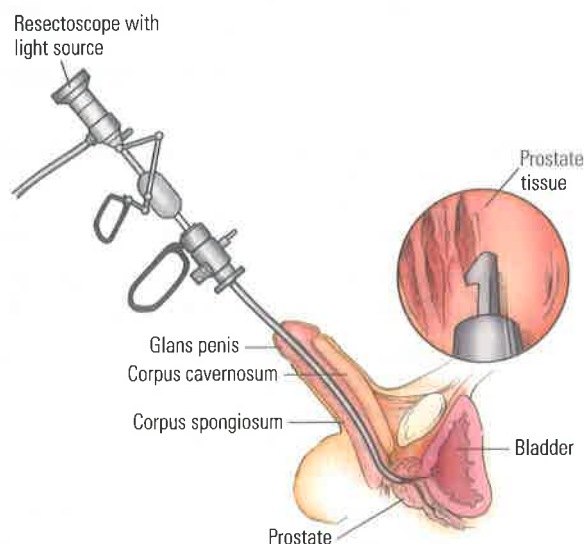
Vesical Neck and Prostate

- 52400** Cystourethroscopy with incision, fulguration, or resection of congenital posterior urethral valves, or congenital obstructive hypertrophic mucosal folds
 ➔ CPT Changes: An Insider's View 2001
 ➔ CPT Assistant Apr 01:4
- 52402** Cystourethroscopy with transurethral resection or incision of ejaculatory ducts
 ➔ CPT Changes: An Insider's View 2005
- 52441** Cystourethroscopy, with insertion of permanent adjustable transprostatic implant; single implant
 ➔ CPT Changes: An Insider's View 2015
 ➔ CPT Assistant Jun 15:5
- + 52442** each additional permanent adjustable transprostatic implant (List separately in addition to code for primary procedure)
 ➔ CPT Changes: An Insider's View 2015
 ➔ CPT Assistant Jun 15:5
- (Use 52442 in conjunction with 52441)
- (To report removal of implant[s], use 52310)
- (For insertion of a permanent urethral stent, use 52282. For insertion of a temporary prostatic urethral stent, use 53855)

- 52450** Transurethral incision of prostate
 ➔ CPT Assistant Apr 01:4, Jul 05:15, Jun 15:5
- 52500** Transurethral resection of bladder neck (separate procedure)
 ➔ CPT Assistant Apr 01:4, Jan 04:27, Jul 05:15, May 09:8
- 52601** Transurethral electrosurgical resection of prostate, including control of postoperative bleeding, complete (vasectomy, meatotomy, cystourethroscopy, urethral calibration and/or dilation, and internal urethrotomy are included)
 ➔ CPT Assistant Nov 97:20, Apr 01:4, Jun 03:6, Oct 11:10, Jun 15:5, Jul 21:10
- (For transurethral waterjet ablation of prostate, use 0421T)
- (For other approaches, see 55801-55845)
- (52612, 52614, 52620 have been deleted. For first stage transurethral partial resection of prostate, use 52601. For second stage partial resection of prostate, use 52601 with modifier 58. For transurethral resection of residual or regrowth of obstructive prostate tissue, use 52630)

Transurethral Resection of Prostate, Complete 52601

The physician removes the prostate gland using an electrocautery knife.



- 52630** Transurethral resection; residual or regrowth of obstructive prostate tissue including control of postoperative bleeding, complete (vasectomy, meatotomy, cystourethroscopy, urethral calibration and/or dilation, and internal urethrotomy are included)

➔ CPT Changes: An Insider's View 2009

➔ CPT Assistant Apr 01:4

(For resection of residual prostate tissue performed within the postoperative period of a related procedure performed by the same physician, append modifier 78)

(For transurethral waterjet ablation of prostate, use 0421T)

- 52640** of postoperative bladder neck contracture

➔ CPT Assistant Apr 01:4

- 52647** Laser coagulation of prostate, including control of postoperative bleeding, complete (vasectomy, meatotomy, cystourethroscopy, urethral calibration and/or dilation, and internal urethrotomy are included if performed)

➔ CPT Changes: An Insider's View 2006

➔ CPT Assistant Nov 97:20, Mar 98:11, Apr 01:4, Nov 06:21

- 52648** Laser vaporization of prostate, including control of postoperative bleeding, complete (vasectomy, meatotomy, cystourethroscopy, urethral calibration and/or dilation, internal urethrotomy and transurethral resection of prostate are included if performed)

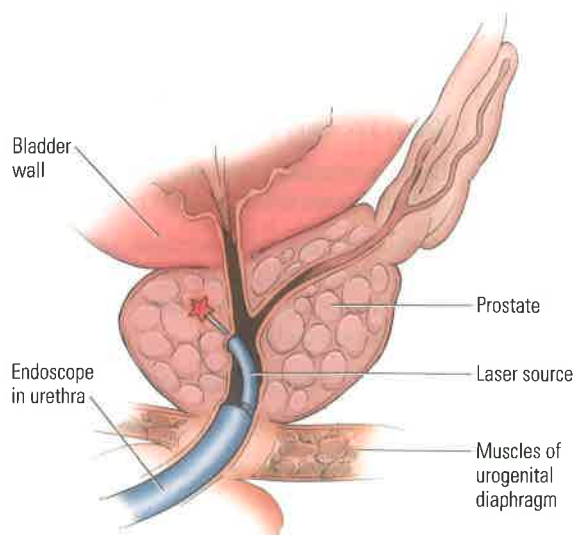
➔ CPT Changes: An Insider's View 2006

➔ CPT Assistant Mar 98:11, Apr 01:5, Jul 05:15, Nov 06:21, Jun 15:5

Contact Laser Vaporization of Prostate

52648

A laser is used to vaporize the prostate.



- 52649** Laser enucleation of the prostate with morcellation, including control of postoperative bleeding, complete (vasectomy, meatotomy, cystourethroscopy, urethral calibration and/or dilation, internal urethrotomy and transurethral resection of prostate are included if performed)

➔ CPT Changes: An Insider's View 2008

➔ CPT Assistant Jun 15:5

(Do not report 52649 in conjunction with 52000, 52276, 52281, 52601, 52647, 52648, 53020, 55250)

- 52700** Transurethral drainage of prostatic abscess

➔ CPT Assistant Apr 01:4

(For litholapaxy, use 52317, 52318)

Urethra

(For endoscopy, see cystoscopy, urethroscopy, cystourethroscopy, 52000-52700)

(For injection procedure for urethrocytography, see 51600-51610)

Incision

- 53000** Urethrotomy or urethrostomy, external (separate procedure); pendulous urethra
- 53010** perineal urethra, external
- 53020** Meatotomy, cutting of meatus (separate procedure); except infant
- 53025** infant
- (Do not report modifier 63 in conjunction with 53025)
- 53040** Drainage of deep periurethral abscess
- (For subcutaneous abscess, see 10060, 10061)
- 53060** Drainage of Skene's gland abscess or cyst
- 53080** Drainage of perineal urinary extravasation; uncomplicated (separate procedure)
- 53085** complicated

Excision

- 53200** Biopsy of urethra
- 53210** Urethrectomy, total, including cystostomy; female
- 53215** male
- 53220** Excision or fulguration of carcinoma of urethra
- 53230** Excision of urethral diverticulum (separate procedure); female

- 53235** male
- 53240** Marsupialization of urethral diverticulum, male or female
- 53250** Excision of bulbourethral gland (Cowper's gland)
- 53260** Excision or fulguration; urethral polyp(s), distal urethra
(For endoscopic approach, see 52214, 52224)
- 53265** urethral caruncle
- 53270** Skene's glands
- 53275** urethral prolapse

Repair

(For hypospadias, see 54300-54352)

- 53400** Urethroplasty; first stage, for fistula, diverticulum, or stricture (eg, Johanssen type)
- 53405** second stage (formation of urethra), including urinary diversion
- 53410** Urethroplasty, 1-stage reconstruction of male anterior urethra
- 53415** Urethroplasty, transpubic or perineal, 1-stage, for reconstruction or repair of prostatic or membranous urethra
- 53420** Urethroplasty, 2-stage reconstruction or repair of prostatic or membranous urethra; first stage
- 53425** second stage
- 53430** Urethroplasty, reconstruction of female urethra
- 53431** Urethroplasty with tubularization of posterior urethra and/or lower bladder for incontinence (eg, Tenago, Leadbetter procedure)
→ CPT Changes: An Insider's View 2002
- 53440** Sling operation for correction of male urinary incontinence (eg, fascia or synthetic)
→ CPT Changes: An Insider's View 2003
- 53442** Removal or revision of sling for male urinary incontinence (eg, fascia or synthetic)
→ CPT Changes: An Insider's View 2003
- 53444** Insertion of tandem cuff (dual cuff)
→ CPT Changes: An Insider's View 2002
- 53445** Insertion of inflatable urethral/bladder neck sphincter, including placement of pump, reservoir, and cuff
→ CPT Changes: An Insider's View 2002
- 53446** Removal of inflatable urethral/bladder neck sphincter, including pump, reservoir, and cuff
→ CPT Changes: An Insider's View 2002
- 53447** Removal and replacement of inflatable urethral/bladder neck sphincter including pump, reservoir, and cuff at the same operative session
→ CPT Changes: An Insider's View 2002

- 53448** Removal and replacement of inflatable urethral/bladder neck sphincter including pump, reservoir, and cuff through an infected field at the same operative session including irrigation and debridement of infected tissue
→ CPT Changes: An Insider's View 2002
(Do not report 11042, 11043 in addition to 53448)
- 53449** Repair of inflatable urethral/bladder neck sphincter, including pump, reservoir, and cuff
→ CPT Changes: An Insider's View 2002
- 53450** Urethromeatoplasty, with mucosal advancement
→ CPT Assistant Sep 12:16
(For meatotomy, see 53020, 53025)
- 53451** Periurethral transperineal adjustable balloon continence device; bilateral insertion, including cystourethroscopy and imaging guidance
→ CPT Changes: An Insider's View 2022
→ CPT Assistant Dec 21:11, 21, Mar 22:12
(Do not report 53451 in conjunction with 52000, 53452, 53453, 53454, 76000)
- 53452** unilateral insertion, including cystourethroscopy and imaging guidance
→ CPT Changes: An Insider's View 2022
→ CPT Assistant Dec 21:11, Mar 22:12
(Do not report 53452 in conjunction with 52000, 53451, 53453, 53454, 76000)
- 53453** removal, each balloon
→ CPT Changes: An Insider's View 2022
→ CPT Assistant Dec 21:11, Mar 22:12
(Do not report 53453 in conjunction with 53451, 53452, 53454)
- 53454** percutaneous adjustment of balloon(s) fluid volume
→ CPT Changes: An Insider's View 2022
→ CPT Assistant Dec 21:11, Mar 22:12
(Do not report 53454 in conjunction with 53451, 53452, 53453)
(Report 53454 only once per patient encounter)
- 53460** Urethromeatoplasty, with partial excision of distal urethral segment (Richardson type procedure)
- 53500** Urethrolisis, transvaginal, secondary, open, including cystourethroscopy (eg, postsurgical obstruction, scarring)
→ CPT Changes: An Insider's View 2004
→ CPT Assistant Sep 04:11
(For urethrolisis by retropubic approach, use 53899)
(Do not report 53500 in conjunction with 52000)
- 53502** Urethrorrhaphy, suture of urethral wound or injury, female

- 53505** Urethrorrhaphy, suture of urethral wound or injury; penile
- 53510** perineal
- 53515** prostatomembranous
- 53520** Closure of urethrostomy or urethrocuteaneous fistula, male (separate procedure)
(For closure of urethrovaginal fistula, use 57310)
(For closure of urethrorectal fistula, see 45820, 45825)

Manipulation

- (For radiological supervision and interpretation, use 74485)
- 53600** Dilation of urethral stricture by passage of sound or urethral dilator, male; initial
- 53601** subsequent
- 53605** Dilation of urethral stricture or vesical neck by passage of sound or urethral dilator, male, general or conduction (spinal) anesthesia
(For dilation of urethral stricture, male, performed under local anesthesia, see 53600, 53601, 53620, 53621)
- 53620** Dilation of urethral stricture by passage of filiform and follower, male; initial
- 53621** subsequent
- 53660** Dilation of female urethra including suppository and/or instillation; initial
- 53661** subsequent
- 53665** Dilation of female urethra, general or conduction (spinal) anesthesia
(For urethral catheterization, see 51701-51703)
(For dilation of urethra performed under local anesthesia, female, see 53660, 53661)

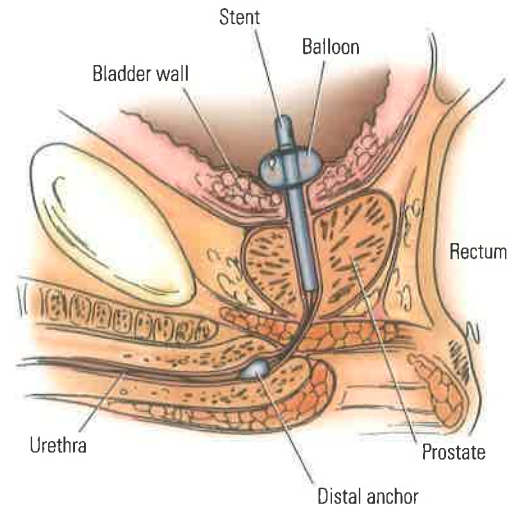
Other Procedures

- (For 2 or 3 glass urinalysis, use 81020)
- 53850** Transurethral destruction of prostate tissue; by microwave thermotherapy
➔ CPT Assistant Nov 97:20, Apr 01:6, Feb 10:7, Jun 15:5, Nov 18:10
- 53852** by radiofrequency thermotherapy
➔ CPT Assistant Nov 97:20, Apr 01:6, Jun 15:5, Nov 18:10
- 53854** by radiofrequency generated water vapor thermotherapy
➔ CPT Changes: An Insider's View 2019
➔ CPT Assistant Nov 18:10
- (For transurethral ablation of malignant prostate tissue by high-energy water vapor thermotherapy, including intraoperative imaging and needle guidance, use 0582T)

- 53855** Insertion of a temporary prostatic urethral stent, including urethral measurement
➔ CPT Changes: An Insider's View 2010
➔ CPT Assistant Feb 10:7, Nov 18:10
(For insertion of permanent urethral stent, use 52282)

Temporary Prostatic Urethral Stent Insertion 53855

A temporary prostatic urethral stent is inserted.



- 53860** Transurethral radiofrequency micro-remodeling of the female bladder neck and proximal urethra for stress urinary incontinence
➔ CPT Changes: An Insider's View 2011
- 53899** Unlisted procedure, urinary system
➔ CPT Assistant Aug 04:12, Sep 04:11, Oct 05:18, 23-24, Feb 06:14, May 10:10, Mar 15:9, Jun 15:5, Aug 19:10
➔ Clinical Examples in Radiology Summer 06:1, 3