

Endourology

US Coding and Payment Reference - Physician

This coding reference guide is intended to provide common coding and reimbursement information for cystoscopic, ureteroscopic and percutaneous stone management procedures.

The Medicare rates listed below are reflective of 2024 Medicare national average reimbursement rates (rounded up or down to nearest dollar) and will vary due to geographic adjustment and other factors. These rates are subject to change without notice. Specific payer policies, requirements, or rates may vary from CMS standards and should be reviewed prior to treatment.

2024 Physician Procedural Coding and Payment Reference

Effective January 1, 2024

CPT Codes	Codes Description	Physician Payment in Facility	RVUs in Facility	Physician Payment in Office	RVUs in Office
Cystoscopic and Ureteroscopic Stone Management & Ureteral Stent Placement					
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)	\$681	20.79	-	-
50081	Percutaneous nephrolithotomy or pyelolithotomy, lithotripsy, stone extraction, antegrade ureteroscopy, antegrade stent placement and nephrostomy tube placement, when performed, including imaging guidance; complex (eg stone[s]>2cm, branching stones, stones in multiple locations, ureter stones, complicated anatomy)	\$1,095	33.44	-	-
50385	Removal (via snare/capture) and replacement of internally dwelling ureteral stent via transurethral approach, without use of cystoscopy, including radiological supervision and interpretation	\$207	6.31	\$980	29.92
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	\$195	5.96	\$875	26.73
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	\$242	7.40	\$576	17.60
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	\$143	5.56	\$875	26.72
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	\$96	2.92	\$904	27.60
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	\$152	4.38	-	-
50437	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; including new access into the renal collecting system	\$237	7.25	-	-
50605	Ureterotomy for insertion of indwelling stent, all types	\$989	30.22	-	-
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	\$194	5.93	\$958	29.27

CPT Codes	Codes Description	Physician Payment in Facility	RVUs in Facility	Physician Payment in Office	RVUs in Office
Cystoscopic and Ureteroscopic Stone Management & Ureteral Stent Placement					
50694	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; new access, without separate nephrostomy catheter	\$253	7.74	\$1,075	32.82
50695	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; new access, with separate nephrostomy catheter	\$325	9.93	\$1,291	39.42
50947	Laparoscopy, surgical; with ureteroneocystostomy, with cystoscopy and ureteral stent placement	\$1,346	41.10	-	-
51045	Cystotomy, with insertion of ureteral catheter or stent (separate procedure)	\$490	14.98	-	-
51702	Insertion of temporary indwelling bladder catheter; simple (eg, Foley)	\$25	0.75	\$61	1.87
51703	Insertion of temporary indwelling bladder catheter; complicated (eg, altered anatomy, fractured catheter/balloon)	\$74	2.26	\$147	4.49
52005	Cystourethroscopy, with ureteral catheterization, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service;	\$129	3.95	\$298	9.10
52204	Cystourethroscopy, with biopsy(s)	\$137	4.19	\$370	11.31
52214	Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) of trigone, bladder neck, prostatic fossa, urethra, or periurethral glands	\$169	5.15	\$730	22.31
52224	Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) or treatment of MINOR (less than 0.5 cm) lesion(s) with or without biopsy	\$195	5.96	\$763	23.31
52234	Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) and/or resection of; SMALL bladder tumor(s) (0.5 up to 2.0 cm)	\$237	7.25	-	-
52235	Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) and/or resection of; MEDIUM bladder tumor(s) (2.0 to 5.0 cm)	\$279	8.51	-	-
52240	Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) and/or resection of; LARGE bladder tumor(s)	\$378	11.55	-	-
52310	Cystourethroscopy, with removal of foreign body, calculus or ureteral stent from urethra or bladder (separate procedure); simple	\$147	4.48	\$314	9.58
52315	Cystourethroscopy, with removal of foreign body, calculus or ureteral stent from urethra or bladder (separate procedure); complicated	\$265	8.09	\$461	14.08
52317	Litholapaxy: crushing or fragmentation of calculus by any means in bladder and removal of fragments; simple or small (less than 2.5 cm)	\$334	10.20	\$865	26.43
52318	Litholapaxy: crushing or fragmentation of calculus by any means in bladder and removal of fragments; complicated or large (over 2.5 cm)	\$456	13.94	-	-
52320	Cystourethroscopy (including ureteral catheterization); with removal of ureteral calculus	\$237	7.25	-	-
52332	Cystourethroscopy, with insertion of indwelling ureteral stent (eg, Gibbons or double-J type)	\$151	4.60	\$393	11.99
52352	Cystourethroscopy, with ureteroscopy and/or pyeloscopy; with removal or manipulation of calculus (ureteral catheterization is included)	\$341	10.43	-	-
52353	Cystourethroscopy, with ureteroscopy and/or pyeloscopy; with lithotripsy (ureteral catheterization is included)	\$378	11.54	-	-
52356	Cystourethroscopy, with ureteroscopy and/or pyeloscopy; with lithotripsy including insertion of indwelling stent (eg, Gibbons or double-J type)	\$401	12.24	-	-
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)	\$637	19.45	\$1,531	46.75
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)	\$678	20.72	\$1,578	48.21
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)	\$807	24.64	-	-

ICD-10-CM Diagnosis Codes commonly associated with endourology procedures

Diagnosis Codes	Code Description
N20.0-N20.9	Calculus of kidney and ureter
N21.0-N21.9	Calculus of lower urinary tract
N13.2-N13.4	Obstructive and reflux uropathy
N22	Calculus of urinary tract in diseases classified elsewhere
Q63.8-Q63.9	Other congenital malformations of kidney
Z87.442	Personal history of urinary calculi

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Contact your Medicare contractor or other payer for interpretation of coverage, coding, and payment policies since reimbursement policy can vary widely and frequently changes, often without notice.

This information is not intended to replace any advice you receive from your own internal or external insurance coverage consultants, reimbursement specialists or legal counsel.

Data Sources

- 2024 Current Procedural Terminology (CPT) Copyright 2023 American Medical Association. All rights reserved. CPT is a registered trademark of the American Medical Association.
- Physician payment rates are 2024 national averages. Source: Centers for Medicare & Medicaid Services CY2024 Physician Fee Schedule Final Rule: Addendum B.
- Medicare payment rates calculated using a conversion factor of 32.74 Based on CY2024 Relative Value Units (RVU) information available as of January 2023.
- 2024 ICD-10-CM.
- 2024 ICD-10-PCS.
- 2024 HCPCS Level II Expert.
- Centers for Medicare & Medicaid Services CY2024 Hospital OPPS Final Rule: Addendum A, Addendum B.
- Centers for Medicare & Medicaid Services CY2024 ASC Final Rule: Addendum AA, BB,DD1.
- FY 2024 Hospital Inpatient Prospective Payment Rates (MS-DRG) obtained from CMS August 2023 Federal Register, CMS-1785-F and CMS-1788-F.