

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 2025 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.

2025 Physician procedural coding and payment reference

Effective January 1, 2025

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)	\$677	20.93	-	-
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)	\$1,088	33.62	-	-
50605	Ureterotomy for insertion of indwelling stent, all types	\$981	30.33	-	-
50947	Laparoscopy, surgical; with ureteroneocystostomy, with cystoscopy and ureteral stent placement	\$1,335	41.28	-	-
51045	Cystotomy, with insertion of ureteral catheter or stent (separate procedure)	\$481	14.86	-	-
51702	Insertion of temporary indwelling bladder catheter; simple (e.g., Foley)	\$24	0.74	\$60	1.85
51703	Insertion of temporary indwelling bladder catheter; complicated (e.g., altered anatomy, fractured catheter/balloon)	\$73	2.27	\$143	4.43
52005	Cystourethroscopy, with ureteral catheterization, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service	\$129	3.98	\$275	8.51
52204	Cystourethroscopy, with biopsy(s)	\$136	4.21	\$343	10.61
52214	Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) of trigone, bladder neck, prostatic fossa, urethra, or periurethral glands	\$168	5.20	\$686	21.21
52224	Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) or treatment of MINOR (less than 0.5 cm) lesion(s) with or without biopsy	\$194	6.01	\$718	22.20
52234	Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) and/or resection of; SMALL bladder tumor(s) (0.5 up to 2.0 cm)	\$236	7.30	-	-
52235	Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) and/or resection of; MEDIUM bladder tumor(s) (2.0 to 5.0 cm)	\$277	8.55	-	-
52240	Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) and/or resection of; LARGE bladder tumor(s)	\$375	11.60	-	-
52310	Cystourethroscopy, with removal of foreign body, calculus or ureteral stent from urethra or bladder (separate procedure); simple	\$146	4.52	\$292	9.04
52315	Cystourethroscopy, with removal of foreign body, calculus or ureteral stent from urethra or bladder (separate procedure); complicated	\$263	8.14	\$437	13.51

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					
52317	Litholapaxy: crushing or fragmentation of calculus by any means in bladder and removal of fragments; simple or small (less than 2.5 cm)	\$333	10.28	\$821	25.39
52318	Litholapaxy: crushing or fragmentation of calculus by any means in bladder and removal of fragments; complicated or large (over 2.5 cm)	\$454	14.02	-	-
52320	Cystourethroscopy (including ureteral catheterization); with removal of ureteral calculus	\$237	7.32	-	-
52332	Cystourethroscopy, with insertion of indwelling ureteral stent (e.g., Gibbons or double-J type)	\$150	4.64	\$363	11.21
52352	Cystourethroscopy, with ureteroscopy and/or pyeloscopy; with removal or manipulation of calculus (ureteral catheterization is included)	\$340	10.51	-	-
52353	Cystourethroscopy, with ureteroscopy and/or pyeloscopy; with lithotripsy (ureteral catheterization is included)	\$375	11.60	-	-
52356	Cystourethroscopy, with ureteroscopy and/or pyeloscopy; with lithotripsy including insertion of indwelling stent (eg, Gibbons or double-J type)	\$399	12.32	-	-
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)	\$635	19.62	\$1,463	45.22
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)	\$675	20.86	\$1,511	46.71
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)	\$802	24.79	-	-

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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

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- Physician payment rates are 2025 national averages. Source: Centers for Medicare & Medicaid Services CY2025 Physician Fee Schedule Final Rule: Addendum B.
- Medicare payment rates calculated using a conversion factor of 32.35 based on CY2025 Relative Value Units (RVU) information available as of January 2025.
- 2025 ICD-10-CM.
- 2025 HCPCS Level II Expert.
- Centers for Medicare & Medicaid Services CY2025 Hospital OPPS Final Rule: Addendum A, Addendum B.
- Centers for Medicare & Medicaid Services CY2025 ASC Final Rule: Addendum AA, BB, DD1.