

NanoScope™ Operative Arthroscopy System

2025 Coding and Reimbursement Guidelines

To help answer common coding and reimbursement questions about arthroscopic procedures completed with the NanoScope system, the following information is shared for educational and strategic planning purposes only. While Arthrex believes this information to be correct, coding and reimbursement decisions by AMA, CMS, and leading payers are subject to change without notice. As a result, providers are encouraged to speak regularly with their payers.

FDA Regulatory Clearance

The NanoScope system is intended to be used as an endoscopic video camera in a variety of endoscopic surgical procedures, including but not limited to: orthopedic, laparoscopic, urologic, sinusoscopic, and plastic surgical procedures. The device is also intended to be used as an accessory for microscopic surgery (K190645).

Value Analysis Significance

The NanoScope imaging system is the first medical-grade, 3-in-1, chip-on-tip disposable camera system. It provides the latest technology in 1 mm image sensors, LED lighting, image management, digital documentation, and OR integration with an intuitive tablet control unit. Busy surgeons immediately note the clinical efficacy of the NanoScope system, while facility administrators readily document the operational efficiencies achieved by performing common endoscopic procedures with a disposable camera system and minimally invasive instruments in a lower-cost ambulatory site-of-service.

Coding Considerations

Codes provide a uniform language for describing services performed by health care providers. The actual selection of codes depends upon the primary surgical procedure, supported by details in the patient's medical record about medical necessity. It is the sole responsibility of the health care provider to correctly prepare claims submitted to insurance carriers.

Physician's Professional Fee

The primary endoscopic procedure determined by the surgeon may include:

2025 Medicare National Average Rates and Allowables (Not Adjusted for Geography)		Physician ^{b,c}		Hospital Outpatient ^d		ASC ^e
		Medicare National Average				
CPT ^a Code HCPCS Code	Code Description	Facility Setting (HOPD and ASC)	Non-Facility Setting (Office)	APC and APC Description	Medicare National Average	Medicare National Average
Shoulder						
29805	Shoulder arthroscopy, diagnostic	\$468.70	N/A	5113 - Level 3 Musculoskeletal (MSK) Procedures	\$3244.61	\$1579.16
29819	Removal of loose body or foreign body	\$582.24	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29820	Synovectomy, partial	\$531.45	N/A	5114 - Level 4 MSK Procedures	\$7143.73	\$3510.84
29821	Synovectomy, complete	\$590.00	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29822	Debridement, limited	\$538.89	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29823	Debridement, extensive	\$587.74	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29828	Biceps tenodesis	\$902.47	N/A	5114 - Level 4 MSK Procedures	\$7143.73	\$3510.84

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Elbow						
29830	Elbow arthroscopy, diagnostic	\$457.38	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29834	Removal of loose body or foreign body	\$492.96	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29835	Synovectomy, partial	\$508.81	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29836	Synovectomy, complete	\$583.21	N/A	5114 - Level 4 MSK Procedures	\$7143.73	\$3510.84
29837	Debridement, limited	\$517.87	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29838	Debridement, extensive	\$591.29	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
Wrist						
29840	Wrist arthroscopy, diagnostic	\$455.44	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29843	For infection, lavage and drainage	\$486.49	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29844	Synovectomy, partial	\$500.08	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29845	Synovectomy, complete	\$583.53	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29846	Excision and/or repair of triangular fibrocartilage and/or joint debridement	\$521.10	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29848	Endoscopy, wrist, surgical, with release of transverse carpal ligament	\$512.69	N/A	5112 - Level 2 MSK Procedures	\$1600.41	\$838.29
Hand						
29900	Arthroscopy, metacarpophalangeal joint, diagnostic, with synovial biopsy	\$505.58	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29901	Arthroscopy, metacarpophalangeal joint, surgical, with debridement	\$541.16	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
Knee						
29870	Knee arthroscopy, diagnostic, with or without synovial biopsy	\$412.74	\$548.60	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29873	With lateral release	\$535.98	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29874	Removal of loose body or foreign body	\$532.42	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29875	Synovectomy, limited	\$494.25	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29877	Debridement/shaving of articular cartilage (chondroplasty)	\$616.52	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29880	With meniscectomy (medial and lateral, includes meniscal shaving) includes debridement/shaving of articular cartilage (chondroplasty, same or separate compartment(s) when performed)	\$558.30	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16



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29881	With meniscectomy (medial or lateral, includes meniscal shaving) includes debridement/shaving of articular cartilage (chondroplasty, same or separate compartment(s) when performed)	\$538.25	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29882	With meniscus repair (medial or lateral)	\$681.86	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29883	With meniscus repair (medial and lateral)	\$829.04	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29884	With lysis of adhesions, with or without manipulation (separate procedure)	\$615.23	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
Foot and Ankle						
29893	Endoscopic plantar fasciotomy	\$435.06	\$644.67	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29894	Arthroscopy, ankle (tibiotalar and fibulotalar joints) surgical, with removal of loose body or foreign body	\$500.40	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29897	Debridement, limited	\$486.81	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29898	Debridement, extensive	\$552.80	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29904	Arthroscopy, subtalar joint, surgical, with removal of loose body or foreign body	\$637.23	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29905	With synovectomy	\$505.58	N/A	5114 - Level 4 MSK Procedures	\$7143.73	\$3510.84
29906	With debridement	\$658.25	N/A	5113 - Level 3 MSK Procedures	\$3244.61	\$1579.16
29999	Unlisted procedure, arthroscopy	Contractor Priced		5111 - Level 1 MSK Procedures	\$239.88	N/A

^a CPT (Current Procedural Terminology) is a registered trademark of the American Medical Association. Health care providers and their professional coders must closely review this primary citation along with the patient's medical record before selecting the appropriate code.

^b AMA CPT 2025 and CMS PFS 2024 Final Rule

^c CMS Conversion Factor (CF) effective January 1, 2025: \$32.3465

^d CMS 2025 OPPS Final Rule @ www.cms.gov

^e CMS 2025 ASC Final Rule @ www.cms.gov



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HCPSC Code	Code Description	Notes
A4649	Surgical supply, miscellaneous This code reports miscellaneous surgical supplies and should only be reported if a more specific HCPSC Level II or CPT code is not available.	<p>For Medicare, anchors/screws/joint devices are not separately reimbursed in any setting of care (eg, hospital, ASC). These costs are absorbed by the facility via the appropriate reimbursement mechanism (eg, MS-DRG, APC, etc).</p> <p>For non-Medicare (eg, commercial) patients, depending on contractual terms and general stipulations of the payer, direct invoicing by the facility may be allowed. Contact the patient's insurance company or the facility's payer contract for further information.</p>

List of Pass-Through Payment Device Category Codes (Updated September 2022) https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/HospitalOutpatientPPS/passthrough_payment

For more information about the primary procedure, please speak with your admitting surgeon. You may also call the Arthrex Coding Helpline at 1-844-604-6359 or email AskMarketAccess@arthrex.com.

The content provided in this guide is for informational purposes only. The Arthrex Coding Helpline does not guarantee reimbursement by third-party payers.

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