

CPT 2027 Anticipated Code Changes: Radiology Summary

A summary of anticipated CPT 2027 code set changes affecting radiology, as compiled by the American College of Radiology (ACR). This document covers new Category I and Category III codes, revised codes, deleted codes, and retained Category III codes extended through December 2032.

Category I Changes

MRA head/neck restructuring, prostate biopsy revisions, and new intraosseous fiducial marker codes

New Category III Codes

Five new technology areas reportable July 1, 2026, including histotripsy and 3D digital modeling

Revised & Deleted Codes

Key descriptor updates and four code deletions effective January 1, 2027

Retained Codes

Eleven Category III codes extended five years through December 2032

Category I Codes: Primary Focus

MRA of the Head and Neck (70544–70549)

Codes 70544 and 70547 were flagged by the RUC's Relativity Assessment Workgroup (RAW) as billed together $\geq 75\%$ of the time, triggering bundling review. The full family (70544–70549) is being restructured into **three new codes** reporting MRA of the head and neck without and/or with contrast. Existing code descriptors are revised to include postprocessing of angiographic images.

Prostate Biopsy Services

Codes 55700 and 76872 were flagged by RAW as performed by the same physician on the same date $\geq 75\%$ of the time. The full prostate biopsy family — built for CPT 2026 but requiring clarification — was returned to the Panel. For 2027, codes 55707–55712, 55714, and 55715 are editorially revised; **55706 and 55713 are deleted.**

Intraosseous Fiducial Marker Placement

Two new codes will report intraosseous fiducial marker placement with imaging guidance. Placed before surgery (e.g., spine surgery), these markers help reduce wrong-level and wrong-site procedures and shorten operating room time.

New Category III Codes

REPORTABLE JULY 1, 2026



Ultrasonic Propulsion — Urinary Calculi

One new code for noninvasive ultrasound energy to move stone fragments, aiding passage during/after lithotripsy or for small asymptomatic renal/ureteral calculi.



Quantitative Transmission Volumetric Ultrasound — Breast

One new code covering 3D transmission volumetric ultrasound and algorithmic analysis computing fibroglandular tissue volume (FGV) and FGV/TBV ratio as a breast density measure.



Quantitative MR Analysis — Hepatic Steatosis

One new code for a point-of-care, nonimaging MR device measuring liver steatosis. Relevant to MASH drug therapy diagnosis and monitoring. Distinct from 0649T, which analyzes conventional MRI images.



Pancreatic Histotripsy

One new code for histotripsy of pancreatic malignancy — a noninvasive focused-ultrasound technique that mechanically destroys tissue without heat or ionizing radiation.



Digital 3D Modeling

Six new time-based codes for creating patient-specific digital 3D models from surface mesh files derived from DICOM data sets, used for procedure simulation, digital templates/guides, and computational analysis.

Revised Codes

Carpometacarpal Aspiration or Injection (20605, 20606)

Descriptors revised to include the carpometacarpal and tarsometatarsal joints.

Spine Deformity (22804, 22812, 22819, 22837, 22847, 0657T)

Exclusionary parentheticals revised to add "for the same spinal region." Spine Deformity subsection guidelines also revised.

Sacroiliac Joint Arthrodesis (27278, 27279)

Codes and Arthrodesis subsection guidelines revised to further clarify reporting of SI joint fusions.

Transcatheter Intracardiac Shunt Optimization (33745, 33746)

TIS creation descriptors revised to include enlargement of an existing shunt; target-zone angioplasty parenthetical adds the pulmonary vein. Subsection guidelines also revised.

Lumbar Paravertebral/Paraspinous Block (64462)

The parenthetical restricting reporting to once per day is being deleted.

Deleted Codes

EFFECTIVE JANUARY 1, 2027

The following four codes are being deleted from the CPT code set effective January 1, 2027:

Code	Description
55706	Transperineal stereotactic template-guided saturation prostate biopsy with imaging guidance
55713	In-bore CT- or MRI-guided prostate biopsy with biopsy of an additional targeted lesion, first targeted lesion
0913T	Percutaneous transcatheter therapeutic drug delivery via intracoronary drug-delivery balloon, single major coronary artery or branch (includes related dilation, imaging, and reporting)
0914T	Add-on companion to 0913T for a separate target lesion

⚠ Codes 55706 and 55713 are deleted as part of the broader prostate biopsy family restructuring initiated for CPT 2026 and finalized for 2027.

Retained Category III Codes

EXTENDED THROUGH DECEMBER 2032

The following Category III codes were scheduled to sunset in 2027 but have been extended **five additional years through December 2032**:

0440T, 0441T, 0442T

Percutaneous cryoablation of distal/peripheral upper-extremity nerve, lower-extremity nerve, and nerve plexus/truncal nerve, respectively.

0648T, 0649T

Quantitative MR analysis of tissue composition (e.g., fat, iron, water) without (0648T) and with (0649T, add-on) a diagnostic MRI of the same anatomy; single organ.

0689T, 0690T

Quantitative (non-elastographic) ultrasound tissue characterization without (0689T) and with (0690T, add-on) a diagnostic ultrasound of the same anatomy.

0691T

Automated analysis of an existing CT study for vertebral fracture, including bone density assessment when performed.

0697T, 0698T

Quantitative MR analysis of tissue composition without (0697T) and with (0698T, add-on) a diagnostic MRI of the same anatomy; multiple organs.