



Image Guided Radiation Therapy Coding Policy

Image Guided Radiation Therapy Overview

Image guided radiation therapy (IGRT) ensures accurate identification of the position of the tumor. It can be used with both conventional radiation treatment delivery and Intensity-Modulated Radiation Therapy (IMRT). The professional component of IGRT may be reported in addition to IMRT, while the technical component of IGRT is bundled into IMRT. For conventional radiation treatment delivery, IGRT may be reported for both the professional and technical components.

- CPT 77387 - Guidance for localization of target volume for delivery of radiation treatment delivery
- CPT 77014 - Computed tomography guidance for placement of radiation therapy fields
- HCPCS G6001 - Ultrasonic guidance for placement of radiation therapy fields
- HCPCS G6002 - Stereoscopic x-ray guidance for localization of target volume for the delivery of radiation therapy
- HCPCS G6017 - Intra-fraction localization and tracking of target or patient motion during delivery of radiation therapy

Proper coding of the professional component of IGRT requires codes G6001, G6002, G6017 or 77014, depending on the method used. Modifier –26 should be appended to these codes when billing for the professional component, except for G6017 which is for professional services only and cannot be billed with a modifier 26.

IGRT code 77387 is considered not valid for Medicare purposes by CMS for professional services. Reimbursement based on CMS guidelines does not cover 77387. In addition, federal Medicaid NCCI rules bundle 77387 into IMRT services.

Sources

<https://www.astro.org/Daily-Practice/Coding/Coding-Guidance/IGRT-in-2016/>

<https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/PhysicianFeeSched/index.html>

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