

Medicare Medical Policy

Proton Beam Radiation Therapy

MEDICARE MEDICAL POLICY NUMBER: 340

Effective Date: 5/1/2023

Last Review Date: 4/2023

Next Annual Review: 7/2023

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INSTRUCTIONS FOR USE: Company Medicare Medical Policies serve as guidance for the administration of plan benefits and do not constitute medical advice nor a guarantee of coverage. Company Medicare Medical Policies are reviewed annually to guide the coverage or non-coverage decision-making process for services or procedures in accordance with member benefit contracts (otherwise known as Evidence of Coverage or EOCs) and Centers of Medicare and Medicaid Services (CMS) policies, manuals, and other CMS rules and regulations. In the absence of a CMS coverage determination or specific regulation for a requested service, item or procedure, Company policy criteria or applicable utilization management vendor criteria may be applied. These are based upon published, peer-reviewed scientific evidence and evidence-based clinical practice guidelines that are available as of the last policy update. Coverage decisions are made on the basis of individualized determinations of medical necessity and the experimental or investigational character of the treatment in the individual case. In cases where medical necessity is not established by policy for specific treatment modalities, evidence not previously considered regarding the efficacy of the modality that is presented shall be given consideration to determine if the policy represents current standards of care.

The Company reserves the right to determine the application of Medicare Medical Policies and make revisions to these policies at any time. Any conflict or variance between the EOC and Company Medical Policy will be resolved in favor of the EOC.

SCOPE: Providence Health Plan, Providence Health Assurance, Providence Plan Partners, and Ayin Health Solutions as applicable (referred to individually as “Company” and collectively as “Companies”).

PRODUCT AND BENEFIT APPLICATION

Medicare Only

MEDICARE COVERAGE CRITERIA

IMPORTANT NOTE: More than one Centers for Medicare and Medicaid Services (CMS) reference may apply to the same health care service, such as when more than one coverage policy is available (e.g., both an NCD and LCD exist). All references listed should be considered for coverage decision-making. The Company uses the most current version of a Medicare reference available at the time of publication; however, these websites are not maintained by the Company, so Medicare references and their corresponding hyperlinks may change at any time. If there is a conflict between the Company Medicare Medical Policy and CMS guidance, the CMS guidance will govern.

| Service | Medicare Guidelines |
|---|--|
| Proton Beam Radiation Therapy or Proton Beam Therapy (PBT) – Any Indication | Company medical policy for Proton Beam Radiation Therapy I. This procedure may be considered medically necessary when Company medical policy criteria are met. II. This procedure is considered not medically necessary for Medicare Plan members either when Company medical policy criteria are not met or when a service is always deemed to be “investigational” by the Company medical policy. <i>“Investigational” services are considered not medically necessary for Medicare Plan members. See Policy Guidelines below.</i> |

IMPORTANT NOTICE: While some services or items may appear medically indicated for an individual, they may also be a direct exclusion of Medicare or the member’s benefit plan. Such excluded services or items by Medicare and member EOCs include, but are not limited to, services or procedures considered to be cosmetic, not medical in nature, or those considered not medically reasonable or necessary under *Title XVIII of the Social Security Act, §1862(a)(1)(A)*. If there is uncertainty regarding coverage of a service or item, please review the member EOC or submit a pre-service organization determination request. Note that the Medicare Advance Beneficiary Notice of Noncoverage (ABN) form **cannot** be used for Medicare Advantage members. (*Medicare Advance Written Notices of Non-coverage. MLN006266 May 2021*)

POLICY CROSS REFERENCES

None

The full Company portfolio of Medicare Medical Policies is available online and can be [accessed here](#).

POLICY GUIDELINES

MEDICARE AND MEDICAL NECESSITY

The Company policy for *PHA Medicare Medical Policy Development and Application* (MP50) provides details regarding Medicare's definition of medical necessity and the hierarchy of Medicare references and resources during the development of medical policies, as well as the Plan's use of evidence-based processes for policy development. In the absence of Medicare coverage policies (e.g., manual, national coverage determination [NCD], local coverage determination [LCD], article [LCA], etc.), Medicare regulatory guidelines do allow Medicare Advantage Organizations (MAOs) to make their own coverage determinations, as long as the MAO applies an objective, evidence-based process, based on authoritative evidence. (*Medicare Managed Care Manual, Ch. 4, §90.5*)

Following an evidence-based assessment of current peer-reviewed medical literature, the Company may consider certain medical services or technologies to be "investigational." The term "investigational" is not limited to devices or technologies which have not received the appropriate governmental regulatory approval (e.g., U.S. Food and Drug Administration [FDA]), but rather may also mean the procedure, device, or technology does not meet all of the Company's technology assessment criteria, as detailed within the Company policy for *Definition: Experimental/Investigational* (MP5).

Only medically reasonable and necessary services or items which treat illness or injury are eligible for Medicare coverage, as outlined in *Title XVIII of the Social Security Act, §1862(a)(1)(A)*. Thus, services which lack scientific evidence regarding safety and efficacy because they are investigational are "not medically reasonable or necessary" for Medicare Plan members. (*Medicare Claims Processing Manual, Ch. 23, §30 A*)

PREVIOUS MEDICARE GUIDANCE

The local Medicare contractor (MAC) for the health plan – Noridian, Jurisdiction F – used to have an available local coverage determination (LCD), which was the LCD for *Radiation Oncology: External Beam/Teletherapy* (L24354); however, this LCD was retired May 15, 2014. This now-retired LCD can be found on the [Medicare Coverage Database Archive Site](#).

REGULATORY STATUS

U.S. FOOD & DRUG ADMINISTRATION (FDA)

While clearance by the Food and Drug Administration (FDA) is a prerequisite for Medicare coverage, the 510(k) premarket clearance process does not in itself establish medical necessity. Medicare payment policy is determined by the interaction of numerous requirements, including but not limited to, the availability of a Medicare benefit category and other statutory requirements, coding and pricing guidelines, as well as national and local coverage determinations and clinical evidence.

BILLING GUIDELINES AND CODING

GENERAL

CPT codes 77520, 77522, 77523, and 77525 may be medically necessary when billed with diagnosis code C61 (malignant neoplasm of prostate).

If proton beam radiation therapy (PBT) is deemed to be not covered per medical necessity criteria above, then services and codes associated with PBT will also be denied. The following are examples of codes that may be billed in addition to the specific PBT codes:

| | | | | |
|-------|-------|-------|-------|-------|
| 77014 | 77295 | 77321 | 77336 | 77427 |
| 77280 | 77300 | 77333 | 77370 | 77470 |
| 77290 | 77307 | 77334 | 77387 | G6002 |

Like all S-codes, the *National Physician Fee Schedule Relative Value File (NPFSSRVF)*, which is published by Medicare¹, indicates HCPCS code S8030 has been assigned a Status Indicator of "I." This is defined as "Not valid for Medicare purposes." HCPCS code S8030 is not covered unless allowed under a Medicare Advantage provider contract exception, as indicated in the relevant Company coding policy, (*Coding Policy 22.0 HCPCS S-Codes and H-Codes*):

| CODES* | | |
|--|-------|---|
| Note: | | |
| <ul style="list-style-type: none"> Prior authorization is not required for the following diagnosis code, C61 (malignant neoplasm of prostate). | | |
| CPT | 77520 | Proton treatment delivery; simple, without compensation |
| | 77522 | Proton treatment delivery; simple, with compensation |
| | 77523 | Proton treatment delivery; intermediate |
| | 77525 | Proton treatment delivery; complex |
| HCPCS | S8030 | Scleral application of tantalum ring(s) for localization of lesions for proton beam |

*Coding Notes:

- The code list above is provided as a courtesy and may not be all-inclusive. Inclusion or omission of a code from this policy neither implies nor guarantees reimbursement or coverage. Some codes may not require routine review for medical necessity, but they are subject to provider contracts, as well as member benefits, eligibility and potential utilization audit. According to Medicare, "presence of a payment amount in the MPFS and the Medicare physician fee schedule database (MPFSDB) does not imply that CMS has determined that the service may be covered by Medicare." The issuance of a CPT or HCPCS code or the provision of a payment or fee amount by Medicare does **not** make a procedure medically reasonable or necessary or a covered benefit by Medicare. (*Medicare Claims Processing Manual, Chapter 23 - Fee Schedule Administration and Coding Requirements, §30 - Services Paid Under the Medicare Physician's Fee Schedule, A. Physician's Services*)
- All unlisted codes are reviewed for medical necessity, correct coding, and pricing at the claim level. If an unlisted code is submitted for non-covered services addressed in this policy then it will be **denied as not covered**. If an unlisted code is submitted for potentially covered services addressed in this policy, to avoid post-service denial, **prior authorization is recommended**.
- See the non-covered and prior authorization lists on the Company [Medical Policy, Reimbursement Policy, Pharmacy Policy and Provider Information website](#) for additional information.
- HCPCS/CPT code(s) may be subject to National Correct Coding Initiative (NCCI) procedure-to-procedure (PTP) bundling edits and daily maximum edits known as "medically unlikely edits" (MUEs) published by the Centers for Medicare and Medicaid Services (CMS). This policy does not take precedence over NCCI edits or MUEs. Please refer to the CMS website for coding guidelines and applicable code combinations.

REFERENCES

1. Medicare Physician Fee Schedule (PFS) Relative Value Files; Available at: <https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/PhysicianFeeSched/PFS-Relative-Value-Files>.

POLICY REVISION HISTORY

| DATE | REVISION SUMMARY |
|--------|--|
| 9/2022 | New Medicare Advantage medical policy (converted to new format 2/2023) |
| 5/2023 | Interim update. No change to criteria, updated configuration for codes |