

Neutron Beam Therapy (NBT)

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Member-specific benefits take precedence over medical policy and benefits may vary across plans. Refer to the individual's benefit plan for details <u>*</u>.

Purpose:

This policy addresses the medical necessity of Neutron beam therapy (NBT).

Description & Definitions:

Neutron beam therapy (NBT) is a type of external radiation treatment in which high energy neutrons target a direct location.

Criteria:

Neutron beam therapy is considered medically necessary for All of the following:

- Individual has a salivary gland tumor
- Individual's tumor is **1 or more** of the following:
 - Inoperable
 - Unresectable
 - o Locally advanced and individual has gross residual disease

Neutron beam therapy is considered **not medically necessary** for uses other than those listed in the clinical criteria.

Coding:

 Medically necessary with criteria:

 Coding
 Description

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77423	High energy neutron radiation treatment delivery, 1 or more isocenter(s) with coplanar or non-coplanar geometry with blocking and/or wedge, and/or compensator(s)

Considered Not Medically Necessary:

Coding	Description
	None

U.S. Food and Drug Administration (FDA) - approved only products only.

Document History:

Revised Dates:

- 2016: March, April
- 2015: March
- 2014: April, October, November
- 2013: March, October
- 2012: March, November
- 2011: January, March, May, July
- 2010: August
- 2009: July
- 2008: July

Reviewed Dates:

- 2023: February
- 2022: February
- 2021: March
- 2020: March
- 2018: October
- 2017: December
- 2014: March
- 2010: July, December

Effective Date:

• October 2007

References:

Specialty Association Guidelines; Government Regulations; Winifred S. Hayes, Inc; UpToDate; Literature Review; Specialty Advisors; National Coverage Determination (NCD); Local Coverage Determination (LCD).

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Special Notes: *

Medical policies can be highly technical and complex and are provided here for informational purposes. These medical policies are intended for use by health care professionals. The medical policies do not constitute medical advice or medical care. Treating health care professionals are solely responsible for diagnosis, treatment, and medical advice. Sentara Health Plan members should discuss the information in the medical policies with their treating health care professionals. Medical technology is constantly evolving, and these medical policies are subject to change without notice, although Sentara Health Plan will notify providers as required in advance of changes that could have a negative impact on benefits.

Services mean both medical and behavioral health (mental health) services and supplies unless We specifically tell You otherwise. We do not cover any services that are not listed in the Covered Services section unless required to be covered under state or federal laws and regulations. We do not cover any services that are not Medically Necessary. We sometimes give examples of specific services that are not covered but that does not mean that other similar services are covered. Some services are covered only if We authorize them. When We say You or Your We mean You and any of Your family members covered under the Plan. Call Member Services if You have questions.

Keywords:

neutron beam radiation, shp medical 202, salivary gland tumor