

Proton beam radiotherapy

Proton therapy, also known as **proton beam radiotherapy**, is a form of **radiation treatment** used to destroy tumor cells.

see **Intensity modulated proton beam therapy**.

see **Proton beam stereotactic radiosurgery**.

Fractionated proton radiation therapy (FPRT) for **vestibular schwannoma** (VS) did not meet the goal of serviceable **hearing preservation**. Higher **cochlea** doses trended to worsening **hearing preservation**, suggesting that dose to cochlea correlates with hearing preservation independent of treatment modality ¹⁾.

Proton beam radiotherapy for clivus chordoma

Proton beam radiotherapy for clivus chordoma

¹⁾

Saraf A, Pike LRG, Franck KH, Horick NK, Yeap BY, Fullerton BC, Wang IS, Abazeed ME, McKenna MJ, Mehan WA, Plotkin SR, Loeffler JS, Shih HA. Fractionated Proton Radiation Therapy and Hearing Preservation for Vestibular Schwannoma: Preliminary Analysis of a Prospective Phase 2 Clinical Trial. Neurosurgery. 2022 Mar 3. doi: 10.1227/NEU.0000000000001869. Epub ahead of print. PMID: 35229827.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=proton_beam_radiotherapy

Last update: **2024/06/07 02:53**

