

Posterior fossa volume

The size and location of a syrinx can vary, and the volume can range from a few millimeters to several centimeters. The volume of a syrinx can be an important factor in determining the severity of the underlying condition and the risk of complications.

An increase in syrinx volume can be indicative of a worsening of the underlying condition, such as a Chiari malformation or spinal cord injury. In some cases, an increase in syrinx volume can lead to compression of the spinal cord, which can cause neurological symptoms such as weakness, numbness, or pain.

[C1 Laminectomy](#) was effective in increasing [posterior fossa volume](#) expansion, both with and without [duraplasty](#). A more rapid decrease in [syrinx volume](#) occurred when [C1 Laminectomy](#) was combined with duraplasty ¹⁾.

¹⁾

Hwang JK, Park EK, Shim KW, Kim DS. Effectiveness of [C1 Laminectomy](#) for Chiari Malformation Type 1: Posterior Fossa Volume Expansion and Syrinx-Volume Decrease Rate. Yonsei Med J. 2023 Mar;64(3):191-196. doi: 10.3349/ymj.2022.0506. PMID: 36825345.

From:

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

Permanent link:

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

Last update: **2024/06/07 02:52**

