

Cerebrospinal fluid shunt malfunction treatment

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Simultaneously endoscopic [lavage](#) and [shunt revision](#) are effective methods in the treatment of [shunt dysfunction](#) in [children](#). It is also superior to simple shunt revision for the risk of [shunt dysfunction](#). More clinical studies are needed to verify this outcome ¹⁾.

[ETV](#) can be considered a primary treatment modality in children with shunt malfunction and has a good success rate in cases presenting with the closure of previously performed ETV stoma ²⁾.

¹⁾

Gezgin I, Dogan A. Endoscopic Lavage for the Treatment of Multiple Shunt Failures in Children. Turk Neurosurg. 2022 Dec 28. doi: 10.5137/1019-5149.JTN.42640-22.3. Epub ahead of print. PMID: 36799283.

²⁾

Shaikh S, Deopujari CE, Karmarkar V, Muley K, Mohanty C. Role of Secondary Endoscopic Third Ventriculostomy in Children: Review of an Institutional Experience. Pediatr Neurosurg. 2019 Jun 3:1-8. doi: 10.1159/000500641. [Epub ahead of print] PubMed PMID: 31158842.

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Last update: **2024/06/07 02:54**

