

Acetazolamide for hydrocephalus treatment

Acetazolamide lowers ICP directly via its ability to reduce the choroid plexus CSF secretion, irrespective of the mode of drug administration ¹⁾

The combination of Decadron, Diamox, and Zantac is a novel treatment for ventricular shunt failure that may temporarily improve symptoms in patients awaiting shunt revision. Future studies could compare efficacy with other medical treatments ²⁾.

¹⁾

Barbuskaite D, Oernbo EK, Wardman JH, Toft-Bertelsen TL, Conti E, Andreassen SN, Gerkau NJ, Rose CR, MacAulay N. Acetazolamide modulates intracranial pressure directly by its action on the cerebrospinal fluid secretion apparatus. *Fluids Barriers CNS*. 2022 Jun 29;19(1):53. doi: 10.1186/s12987-022-00348-6. PMID: 35768824; PMCID: PMC9245291.

²⁾

Lang SS, Ploof J, Atkin NJ, Tran-Du K, Kanuga BM, Storm PB, Heuer G, Yuan I, Abend NS, Kirschen MP, Topjian AA, Li Y, Waanders AJ, Zorc JJ, Huh JW. Decadron, Diamox, and Zantac: A Novel Combination for Ventricular Shunt Failure in Pediatric Neurosurgical Patients. *Pediatr Emerg Care*. 2021 Dec 1;37(12):e1444-e1450. doi: 10.1097/PEC.0000000000002070. PMID: 32195984.

From:

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

Permanent link:

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

Last update: **2024/06/07 02:49**

