

Shunt for Idiopathic normal pressure hydrocephalus treatment

- [Neurocognitive effects of CSF biomarkers in idiopathic normal pressure hydrocephalus patients undergoing VP shunt placement](#)
- [Clinical Features and Diagnosis of Normal Pressure Hydrocephalus](#)
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- [Programmable gravitational valves in idiopathic normal pressure hydrocephalus: long-term outcomes after a 3-year follow-up](#)
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- [Idiopathic normal pressure hydrocephalus: associations between CSF biomarkers, clinical symptoms, and outcome after shunt surgery](#)

Indications

- Early [shunt](#) surgery can significantly improve the clinical symptoms and prognosis of patients with [idiopathic normal pressure hydrocephalus](#) (iNPH).
- Structural imaging findings have limited predictiveness for the prognosis of patients with iNPH after shunt surgery.
- Patients should not be selected for shunt surgery based on only structural imaging findings ¹⁾.

[Clinical decisions](#) regarding [Shunt](#) for [Idiopathic normal pressure hydrocephalus treatment](#) should be individualized to each patient, with adequate consideration of the relative risks and benefits, including maximizing a healthy life expectancy ²⁾.

Ventriculoperitoneal shunt in idiopathic normal pressure hydrocephalus

see [Ventriculoperitoneal shunt in idiopathic normal pressure hydrocephalus](#).

Lumboperitoneal shunt for idiopathic normal pressure hydrocephalus

see [Lumboperitoneal shunt for idiopathic normal pressure hydrocephalus](#).

1)

Chen J, He W, Zhang X, Lv M, Zhou X, Yang X, Wei H, Ma H, Li H, Xia J. Value of MRI-based semi-quantitative structural neuroimaging in predicting the prognosis of patients with idiopathic normal pressure hydrocephalus after shunt surgery. *Eur Radiol*. 2022 Apr 30. doi: 10.1007/s00330-022-08733-3. Epub ahead of print. PMID: 35501572.

2)

Nakajima M, Kuriyama N, Miyajima M, Ogino I, Akiba C, Kawamura K, Kurosawa M, Watanabe Y, Fukushima W, Mori E, Kato T, Sugano H, Tange Y, Karagiozov K, Arai H. Background Risk Factors Associated with Shunt Intervention for Possible Idiopathic Normal Pressure Hydrocephalus: A Nationwide Hospital-Based Survey in Japan. *J Alzheimers Dis*. 2019 Mar 11. doi: 10.3233/JAD-180955. [Epub ahead of print] PubMed PMID: 30883349.

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