

IgG4-related hypertrophic pachymeningitis treatment

The diagnosis of [IgG4-related hypertrophic pachymeningitis](#) is challenging but is of great relevance as treatment differs significantly from other forms of pachymeningitis and a specific therapeutic approach may avoid long-term neurological complications ¹⁾.

There is no specific treatment protocol for IgG4 related pachymeningitis ²⁾.

High-dose steroids are the initial treatment of choice; other immunosuppressive agents have shown variable efficacy in reducing meningeal hypertrophy and mostly used in disease relapse setting ³⁾

Second-line is chemotherapy ([methotrexate](#), [azathioprine](#), etc.).

Surgery is necessary when lesions progress and patients start to develop cranial nerve function deficit ⁴⁾.

Rituximab

see [Rituximab for IgG4-related hypertrophic pachymeningitis treatment](#).

¹⁾

Esmailzadeh M, Dadak M, Atallah O, Möhn N, Skripuletz T, Hartmann C, Banan R, Krauss JK. IgG4-related hypertrophic pachymeningitis with tumor-like intracranial and intracerebral lesions. *Acta Neurochir (Wien)*. 2022 Aug 17. doi: 10.1007/s00701-022-05340-5. Epub ahead of print. PMID: 35974231.

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