

Tremor treatment

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see also [Tremor-predominant Parkinson's disease treatment](#).

Tremor is the most common [movement disorder](#) (intention>postural>resting), with [essential tremor](#) affecting 5–10 million persons in the U.S. [Thalamic stimulation](#) may be useful for tremors that are refractory to [medical treatment](#), including tremor dominant [Parkinson's disease](#), [essential tremor](#),^{1) 2)} cerebellar and [posttraumatic tremor](#)³⁾.

Before being considered for surgical intervention, it should be determined that the patient has failed maximal medical therapy.

Side effects of [Vim](#) stimulation include: paresthesias, H/A, dysequilibrium, dysarthria, dystonia & localized pain.

Purrer V, Upadhyay N, Borger V, Schmeel C, Boecker H, Wüllner U. Structural and functional [alterations](#) in the [gustatory network](#) underlie [taste](#) disturbances after lesional [tremor therapy](#) with [MRgFUS](#). J Neurol Neurosurg Psychiatry. 2023 Jun 15;jnnp-2023-331324. doi: 10.1136/jnnp-2023-331324. Epub ahead of print. PMID: 37321839.

Focused ultrasound

¹⁾

Sydow O, Thobois S, Alesch F, et al. Multicentre European study of thalamic stimulation in essential tremor: a six year follow up. J Neurol Neurosurg Psychiatry. 2003; 74:1387–1391

²⁾

Schuurman PR, Bosch DA, Merkus MP, et al. Long-term follow-up of thalamic stimulation versus thalamotomy for tremor suppression. Mov Disord. 2008; 23:1146–1153

3)

Jankovic J, Cardoso F, Grossman RG, et al. Outcome After Stereotactic Thalamotomy for Parkinsonian, Essential, and Other Types of Tremor. Neuro- surgery. 1995; 37:680-687

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Last update: **2025/04/29 06:46**

