

Stimulation of the bilateral anterior nuclei of the thalamus in the treatment of refractory epilepsy: two cases of subcortical band heterotopia

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Highlights

- As illustrated by this article, ANT-DBS can be considered an option for patients with SBH and refractory epilepsy, given the fact that resective surgery is frequently either inappropriate or ineffective.

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- The mechanisms of action of DBS in epilepsy, mainly those involved in the progressive improvement of patients over time, are still unclear.
The several proposed mechanisms might account for its effectiveness in different types and locations of epilepsy.

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- Depression is reported to be the main adverse event of ANT-DBS, and patients may need anti-depressive medication.