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Neurology. 2004 Dec 14;63(11):2170-2.

Suicide after successful deep brain stimulation for movement disorders.

Burkhard PR, Vingerhoets FJ, Berney A, Bogousslavsky J, Villemure JG, Ghika J.

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Abstract

The authors observed a high rate of suicide (6/140 patients, 4.3%) in a large cohort of patients with movement disorders treated with deep brain stimulation (DBS). Apparent risk factors included a previous history of severe depression and multiple successive DBS surgeries, whereas there was no relationship with the underlying condition, DBS target, electrical parameters, or modifications of treatment. Paradoxically, all patients experienced an excellent motor outcome following the procedure. The authors propose that patients at high risk for suicide should be excluded from DBS surgery.

Comment in

Neurology. 2005 Aug 9;65(3):499-500; author reply 499-500.

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Publication Types, MeSH Terms

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