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Title Page

Deep Brain Stimulation of the Subcallosal Cingulate Gyrus in Patients with Treatment-Resistant Depression: a double-blinded randomized controlled study and long-term follow-up in eight patients

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Abstract

Background: Deep brain stimulation (DBS) of the subcallosal cingulate gyrus (SCG) is an experimental approach in treatment-resistant depression (TRD). Short-term results of efficacy in DBS are incongruent and studies investigating long-term effects are warranted.

Methods: We assessed efficacy of SCG-DBS in eight patients randomized into a delayed-onset group (sham-DBS four weeks) and a non-delayed-onset group. The primary outcome

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