Special Issue

Deep Brain Stimulation in Essential Tremor

Message from the Guest Editor

Since the introduction of modern deep brain stimulation (DBS) thirty years ago, it has become an established treatment for severe and medication-refractory essential tremor (ET). Nonetheless, with many questions remaining in regard to the physiological background of its effects, the optimal stimulation target and parameters, and its future role in the light of new alternative treatments such as focused-ultrasound-lesioning, DBS for ET is at the same time still an evolving method. Novel methods such as connectomics allow us to investigate the networks involved in ET while advances in DBS technology such as sensing or directional leads increase our possibilities for individually-tailored treatments. Additionally, our understanding of ET itself is changing with new classifications highlighting the heterogeneity of patients eligible for advanced treatments.

Guest Editor

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