

Special Issue on
Behavioural and Cognitive Changes after Neurosurgery

CALL FOR PAPERS

The relationship between the brain and the mind, in cognitive, behavioural, and affective aspects of neuroscience, has been investigated by scientists and clinicians for a long time and is still a matter of research and debate today. The theme of psychosurgery has emerged in recent years, as neuromodulation has been proposed as a treatment for several neuropsychiatric disorders, with successful treatment in clinics. The potential positive outcomes of deep brain stimulation to modulate behaviour has been repeatedly displayed, and new targets and clinical outcomes are reported on a more regular basis. Nevertheless, behavioural and cognitive changes are sometimes observed as unexpected or unwanted consequences of several neurosurgical procedures.

The aim of this special issue is to describe the impact that brain surgery has on behavioural and cognitive changes, with particular emphasis on the thin border between the planned therapeutic effects and the unexpected consequences that brain surgery has on the patient. We welcome research articles and reviews on both basic science research and clinical studies, and we especially encourage those contributions that point out the anatomical and functional bases of behavioural and cognitive changes due to neurosurgical procedures.

Potential topics include but are not limited to the following:

- ▶ Behavioural and cognitive changes after DBS for movement disorders
- ▶ Behavioural and cognitive changes after cerebrovascular surgery
- ▶ Behavioural and cognitive changes after surgery for brain tumours
- ▶ Behavioural and cognitive changes after neuromodulation for obsessive-compulsive disorder, depression, eating disorders, and epilepsy
- ▶ Behavioural and cognitive changes after resective and disconnective epilepsy surgery

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/bn/nebhv/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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