

## **INTRACEREBRAL HEMATOMA AS COMPLICATION OF DEEP BRAIN STIMULATION PROCEDURE**

**H. Kaptan<sup>1</sup>**, H. Ekmekçi<sup>2</sup>

<sup>1</sup>*Neurosurgery, Selçuk University, Turkey*

<sup>2</sup>*Neurology, Selçuk University, Turkey*

[hulagukaptan@gmail.com](mailto:hulagukaptan@gmail.com)

**Objectives:** Deep Brain Stimulation (DBS) is nowadays considered a safe and effective procedure for various movement disorders in which conservative treatments have failed to show significant therapeutic results. One of complication is intraparenchymal hemorrhage.

**Materials and methods:** Authors report the case of a 69-year-old female patient treated for Parkinson's disease in which intraparenchymal hemorrhage developed after DBS procedure, She had no history of hipertansion but during the operation had high blood pressure. She had no neurological deficits in postoperative process.

**Results:** After conservative management, the hematoma spontaneously resolved.

**Conclusions:** 2 months follow-up endpoint results of the DBS treatment were considered satisfying by an neurologist. The response of DBS on the hamerogic focus was alittle bit insufficient in comparison with the other side the comparison was carried out in accordance with the initial improvement with the DBS early programming.

