

## **P-113 - FIVE-YEAR FOLLOW-UP OF A CHINESE PATIENT WITH OPIATE DRUG PSYCHOLOGICAL DEPENDENCE AFTER TREATMENTS WITH DEEP BRAIN STIMULATION: CASE REPORT**

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**Objective:** Opiate drug psychological dependence is acknowledged as a difficult problem in the world. Several studies have shown the short-term efficacy of deep brain stimulation (DBS) in reducing opiate addiction. In this case report, we report on long-term results up to five years in an opiate addiction patient.

**Clinical presentation:** A 24-year-old man with three-year history of opiate addiction presented with several withdraw syndromes and more than three-time failures in detoxification.

**Methods:** The patient was treated with bilateral DBS of the nucleus accumbens (NAC) for opiate psychological dependence. No relapse was found during the follow-up periods.

**Conclusion:** This study suggests that DBS of the NAC could be an effective treatment of patients in reducing psychological dependence with a good recovery in psychological dysfunction.