

Brain Stimulation 2018: Vagal Nerve Stimulation in Refractory Epilepsy: Results of a 5 years follow-up concentrate in Iran

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Background: Notwithstanding the presentation of new enemy of epileptic meds, there is as yet a colossal requirement for patients with medicates safe epilepsy. Hardheaded epilepsy appears as though an alternate ailment contrasted with simple with control epilepsy, and new techniques are expected to support these patients. Seizure medical procedure is a standout amongst other alternative for sedate safe epilepsy patients and offers chance for seizure opportunity. Be that as it may, a few patients are not qualified for seizure medical procedure. Vagus Nerve Stimulation (VNS) treatment is the most regularly utilized neurostimulation methodology for medically obstinate epilepsy. In this examination, we intended to assessed results of VNS in patients with restoratively obstinate epilepsy in Iran.

We chose 48 patients with incomplete beginning medication safe epilepsy. Implantations were acted in the neurosurgery branch of Loghman Hospital, Tehran, Iran. Follow-up visits were done on month

to month bases for a long time. Forty-four patients finished the examination. Mean period of patients was 24.4 years. Mean long periods of epilepsy history was 14 years. The mean number of hostile to epileptic medications didn't altogether change more than five years ($p = 0.15$). There was no intensification of epilepsy; in any case, one patient ceased his treatment because of unacceptable outcomes. Five patient had more than 50 %, and 26 patients (59 %) had 25-49 % decrease in the recurrence of month to month seizures constantly. Generally speaking mean recurrence of month to month seizures diminished by 57.8, 59.6, 65, 65.9, and 67 %, in first, second, third, fourth, and fifth long periods of development, individually. Most basic symptoms were as per the following: dryness (25 %) and throat distress (10 %). We discovered VNS as a protected and successful treatment for tranquilize safe epilepsy, with an inexact long haul decline in mean seizure recurrence of 57.8-67 %. Hence, VNS is suggested for reasonable patients in creating nations.