



MEDİPOL
UNV-PARMER

İSTANBUL MEDİPOL ÜNİVERSİTESİ
PARKİNSON HASTALIĞI VE
HAREKET BOZUKLUKLARI MERKEZİ

Treatment package includes:

Medical Services:

- Deep Brain Stimulation Surgery
- Procedure Related Standard Medications
- Procedure Based Laboratory Tests
- Room and Companion Fees (Including Meals)
- Operating Room and Nursing Services
- Physician Fees (Operator, Assistant Physician, Anaesthesia, Consultation, Daily Follow-up)
- Medical Consumables

Non-Medical Services:

- Local Transfers (Airport/Hotel/Hospital)
- Accommodation Organization
- Translator/Interpreter and Guidance
- Local Mobile SIM Card
- Hospital VIP Lounge Access
- Translation of Medical Documents to English

Deep Brain Stimulation (DBS) Procedure

The deep brain stimulation is a treatment method which tries to relieve the symptoms of the disease by giving electrical currents to the specific areas of the brain that are responsible for the movement disorder via thin electrodes inserted in the brain.

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Hareket Bozuklukları Merkezi
Op. Dr. T. Ali ZİRH
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What is the process of a deep brain stimulation operation?

The operation is done within 4 - 5 hours. It is done in an operation room while the patient is awake, chatting with the patient and getting help from them. Patients do not feel any pain during the operation other than the one caused by a few local anesthesia injections.

What makes the deep brain stimulation operations successful?

During the operation, we need to find the targeted area of 2-3 mm in the brain and insert the electrodes of the neurostimulator in without any mistake. Thanks to a technique called "microelectrode recording and stimulation technique" it is possible to find the location of the cell, which is responsible for the disease with an error margin that is less than 80 microns

What does a deep brain stimulation operation change in the patient's life?

The benefit they provide can be summarized as "rewinding the clock of the patient to their healthy life". After the operation, the patients get better strikingly fast and they can get back to their almost normal life. Many patients who could not hold a fork, thread a needle or even write, and need help from others to be able to live, are now back to their normal daily lives, and a significant part of them can work again.


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What are the advantages of a deep brain stimulator?

DBS is a treatment method that can totally be controlled, programmed and managed. If the patient is not satisfied or experiences problems, it can be turned off, or completely removed.

Days admitted:

Days of Stay in the Country: 3 – 4 weeks

Days of Hospitalization: 2

Anesthesia:

Local anesthesia

Duration of surgery: 4 - 5 hour

T. Ali ZIRH
Neurosurgeon

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