When DBS Is a Treatment Option

DBS Therapy may be an option for you if:
You have responded well to the medication levodopa.

You still receive benefit from medication, but it’s becoming less effective or causing intolerable side effects.

You are requiring multiple medications, higher dosages, or more frequent doses to manage your symptoms.

Quick Facts

● With over 600 implants since inception the University of Miami performs the most DBS procedures in South Florida.

● Parkinson patients can expect consistent improvement in motor symptoms adding on average 6.5 hrs of “on” time, reduction of dyskinesia and with a potential reduction of medication of up to 50%.

● Essential tremor patients that undergo DBS are able to continue normal life without medication.

● Wheelchair bound patients with genetic forms of Dystonia have become independent after DBS procedures.

● Less than 1% of patients have experienced any complications, well below the national average.

● Unique approach to this therapy has resulted in an unprecedented safety profile with no deaths, strokes, or new neurologic deficits.

● Successful treatment of patients ranging in age from 13 to 88 years with improvement in UPDRS motor score of more than 50%

For appointments and information on Deep Brain Stimulation (DBS):

Neurology
305.243.2781
www.neurology.med.miami.edu

Neurological Surgery
305.243.6946 option #1
www.neurosurgery.med.miami.edu

To refer a patient who resides outside the United States, contact UHealth International at 305-243-1000 or uhealthinternational@med.miami.edu

University of Miami Hospital and Clinics
UHealth Spine and Brain Center
1321 N.W. 14 Street, Suite 306
Miami, Florida 33125
Jonathan R. Jagid, MD
Associate Professor of Neurological Surgery, specializes in the field of functional Neurosurgery and Movement Disorders. Trained at the University of Miami, Dr. Jagid has performed more than 600 DBS cases and has lectured nationally on the procedure. He has also been an investigator on DBS clinical research trials and has multiple publications in the field.

Corneliu C. Luca, MD, PhD
Assistant Professor of Neurology, is a movement disorders fellowship trained neurologist. He is the recipient of the Clinical Research Training Fellowship from the American Academy of Neurology and is actively involved in DBS patient selection, intraoperative microelectrode recordings and DBS clinical trials at the University of Miami Movement Disorders Center.

Carlos Singer, MD
Professor of Neurology, is Director of the University of Miami Movement Disorders Center-a National Parkinson’s Foundation Center of Excellence. He has been involved in multiple research studies at the University of Miami and has been a member of the Department of Neurology faculty since 1989.

Henry Moore, MD
Assistant Professor of Neurology, he is movement disorders fellowship trained and actively engaged in selection and treatment of DBS patients.

Bonnie Levin, PhD
Schonnger Professor of Neurology, serves as the neuropsychologist for the DBS program. She has reviewed DBS protocols and research at a national level and is very experienced in the screening of patients from a neuropsychological standpoint.

Deep Brain Stimulation (DBS)
The Deep Brain Stimulation program at the University of Miami was started over 14 years ago and has expertise in treating Neurodegenerative Disorders, including Benign Essential Tremor, Parkinson’s disease and Dystonia. The program uses the latest operative technology, microelectrode recordings and highest resolution imaging to insure consistent and accurate lead placement.

“Few other neurosurgical procedures have the ability to alter the function of the brain producing such profound improvements in quality of life.”
- Jonathan R. Jagid, MD

“Our DBS team is experienced in patient selection, surgical technique and postoperative management- all being essential for a good patient outcome.”
- Corneliu C Luca, MD PhD

Our Movement Disorder Center is a National Parkinson Foundation Center of Excellence and provides expert care in Parkinson’s disease. Patient selection is done using a unique multidisciplinary approach that includes movement disorders trained Neurologists, Neurosurgeons, and Neuropsychologists. This unique approach is used to evaluate each case and improves the rate of response to the therapy.