

Deep Brain Stimulation

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Recent Publications on Deep Brain Stimulation:

- [\[Essential tremor.\]](#)
BACKGROUND: Essential tremor is probably the most common movement... 11th October, 2008
Neurologisk avdeling Nevroklinikken Rikshospitalet 0027 Oslo og Det- Tidsskr Nor Laegeforen. 2008 Oct 9;128(19):2210-3.
- [\[Cervical dystonia - diagnosis and treatment.\]](#)
BACKGROUND: Cervical dystonia is a focal dystonia of the neck muscles,... 11th October, 2008
Neurologisk avdeling Nevroklinikken Rikshospitalet 0027 Oslo.- Tidsskr Nor Laegeforen. 2008 Oct 9;128(19):2202-5.
- [\[Motor symptoms in Parkinson's disease.\]](#)
BACKGROUND::Early Parkinson's disease is dominated by a motor syndrome... 11th October, 2008
Neurologisk avdeling Stavanger universitetssjukehus 4068 Stavanger og- Tidsskr Nor Laegeforen. 2008 Sep 25;128(18):2068-2071.
- [Programmed Acute Electrical Stimulation of Ventral Tegmental Area Alleviates Depressive-Like Behavior.](#)
Depressive disorders affect approximately 5% of the population in any... 10th October, 2008
1Leslie and Susan Gonda (Goldschmied) Multidisciplinary Brain Research- Neuropsychopharmacology. 2008 Oct 8. ([DOI Direct Link](#))
- [Bilateral subthalamic stimulation impairs cognitive-motor performance in Parkinson's disease patients.](#)
Deep brain stimulation (DBS) is a surgical procedure that has been shown... 10th October, 2008
Department of Biomedical Engineering, Cleveland Clinic, Center for- Brain. 2008 Oct 7. ([DOI Direct Link](#))
- [Deep Brain Stimulation of the Ventral Capsule/Ventral Striatum for Treatment-Resistant Depression.](#)
BACKGROUND: We investigated the use of deep brain stimulation (DBS) of the... 10th October, 2008
Department of Psychiatry and Psychology, Center for Neurological- Biol Psychiatry. 2008 Oct 6. ([DOI Direct Link](#))
- [Long-term follow-up of DBS of thalamus for tremor and STN for Parkinson's disease.](#)
In 1994 we commenced deep brain stimulation (DBS) of the thalamus for... 7th October, 2008
Departments of Neurology and Neurosurgery, St Vincent's Hospital,- Brain Res Bull. 2008 Sep 29. ([DOI Direct Link](#))
- [Involvement of electrophysiological localization of the subthalamic nucleus in deep brain stimulation for Parkinson's disease.](#)
We studied the involvement of the electrophysiological localization of the... 7th October, 2008
Department of Neurosurgery, Henri Mondor Hospital, Creteil-Paris, France.- G Chir. 2008

Aug-Sep;29(8-9):335-8.

- [Factors involved in long-term efficacy of deep brain stimulation of the thalamus for essential tremor.](#)
*Object Although nucleus ventralis intermedius stimulation has been shown...*2nd October, 2008
1 Departments of Neurosurgery,, 2 Neurology, and, 3 Anesthesiology, Rush- J Neurosurg. 2008 Oct;109(4):640-6. ([DOI Direct Link](#))
- [Deep brain stimulation as an effective treatment option for post-midbrain infarction-related tremor as it presents with Benedikt syndrome.](#)
*Benedikt syndrome is a rare but debilitating constellation of symptoms...*2nd October, 2008
1 Stritch School of Medicine, and, 2 Departments of Neurological Surgery- J Neurosurg. 2008 Oct;109(4):635-9. ([DOI Direct Link](#))
- [Deep brain stimulation in the treatment of obesity.](#)
*Obesity is a growing global health problem frequently intractable to...*2nd October, 2008
1 Departments of Neurosurgery,, 2 Neuroscience,, 3 Psychiatry, and, 4- J Neurosurg. 2008 Oct;109(4):625-34. ([DOI Direct Link](#))
- [Serial \(1\)H-MRS of thalamus during deep brain stimulation of bilateral globus pallidus internus for primary generalized dystonia.](#)
*INTRODUCTION: The physiological mechanisms of deep brain stimulation (DBS)...*1st October, 2008
Department of Neurosurgery, Neurological Institute, Tokyo Women's Medical- Neuroradiology. 2008 Sep 30. ([DOI Direct Link](#))
- [Deep brain stimulation for Parkinson's disease: data, practice and experience.](#)
*INTRODUCTION: The physiological mechanisms of deep brain stimulation (DBS)...*1st October, 2008
- Neurosurgery. 2008 Jun;62(6):1394. ([DOI Direct Link](#))
- [MRI-induced heating of deep brain stimulation leads.](#)
*The radiofrequency (RF) field used in magnetic resonance imaging is...*1st October, 2008
University of Engineering and Technology, Lahore, Pakistan.- Phys Med Biol. 2008 Oct 21;53(20):5745-56. Epub 2008 Sep 26. ([DOI Direct Link](#))
- [PET measurement of changes in D2/D3 dopamine receptor binding in a nonhuman primate during chronic deep brain stimulation of the bed nucleus of the stria terminalis.](#)
*PET imaging is a powerful tool for measuring physiological changes in the...*1st October, 2008
University of Wisconsin-Madison, Department of Medical Physics, United- J Neurosci Methods. 2008 Sep 9. ([DOI Direct Link](#))

BioNews Results for Deep Brain Stimulation

- [CleveMed Receives \\$1.23 Million in NIH Funding to Develop a System to Augment Deep Brain Stimulation Programmi](#)
KLFY: Oct 8 2008 3:28AM Matching: deep brain stimulation
- [CleveMed Receives \\$1.23 Million in NIH Funding to Develop a System to Augment Deep Brain Stimulation Programmi](#)
KSLA: Oct 7 2008 6:26PM Matching: deep brain stimulation
- [CleveMed Receives \\$1.23 Million in NIH Funding to Develop a System to Augment Deep Brain Stimulation Programmi](#)
Montana's News Station: Oct 7 2008 5:29PM Matching: deep brain stimulation
- [CleveMed Receives \\$1.23 Million in NIH Funding to Develop a System to Augment Deep Brain Stimulation Programmi](#)
NewsBlaze: Oct 7 2008 5:53PM Matching: deep brain stimulation
- [Mayo Clinic Develops New Deep Brain Stimulation Sensor to Measure Chemical Levels in the Brain](#)
Mayo Clinic College of Medicine: Sep 13 2008 1:11AM Matching: deep brain stimulation
- [Deep Brain Stimulation Halts Cell Loss, Parkinson's Researchers Find](#)

Science Daily: Sep 3 2008 7:00PM Matching: deep brain stimulation

- [The time has come to stop medical tests on primates](#)

Guardian Unlimited: Aug 11 2008 3:08PM Matching: deep brain stimulation

- [Deep Brain Stimulation for Depression](#)

WebMD: Jul 24 2008 4:25AM Matching: deep brain stimulation

Deep Brain Stimulation Clinical Trials:



- [Effect of Deep Brain Stimulation on Lower Urinary Tract Function](#)

Movement Disorder; Urinary Tract Disease

Deep Brain Stimulation Patents:



- 7286879- [Method of stimulating fastigium nucleus to treat neurological disorders](#)
- 7329262- [Stereoguide for clamping neurosurgical instruments](#)
- 7330760- [Collecting posture information to evaluate therapy](#)
- 7333857- [Treatment of pain](#)
- 7337012- [Stretchable polymer-based electronic device](#)
- 7340304- [Biothermal power source for implantable devices](#)
- 7342311- [Electronic unit integrated into a flexible polymer body](#)
- 7343205- [System and method for insertion of a device into the brain](#)
- 7346382- [Brain stimulation models, systems, devices, and methods](#)
- 7346395- [Method of treating depression, mood disorders and anxiety disorders using neuromodulation](#)
- 7353064- [Systems and methods for enhancing or optimizing neural stimulation therapy for treating symptoms of movement disorders and/or other neurologic dysfunction](#)
- 7324851- [Closed-loop feedback-driven neuromodulation](#)
- 7321837- [Synchronization and calibration of clocks for a medical device and calibrated clock](#)
- 7317947- [Headset recharger for cranially implantable medical devices](#)
- 7292890- [Vagus nerve stimulation via unidirectional propagation of action potentials](#)
- 7295875- [Method of stimulating/sensing brain with combination of intravascularly and non-vascularly delivered leads](#)
- 7295876- [System and method for generating and testing treatment protocols](#)
- 7295880- [Stimulation control for brain stimulation](#)
- 7299096- [System and method for treating Parkinson's Disease and other movement disorders](#)
- 7302298- [Methods and systems employing intracranial electrodes for neurostimulation and/or electroencephalography](#)
- 7305268- [Systems and methods for automatically optimizing stimulus parameters and electrode configurations for neuro-stimulators](#)

- 7313430- [Method and apparatus for performing stereotactic surgery](#)
- 7313440- [Collecting posture and activity information to evaluate therapy](#)
- 7313442- [Method of treating mood disorders and/or anxiety disorders by brain stimulation](#)
- 7353065- [Responsive therapy for psychiatric disorders](#)
- 7354918- [Derivatives of 14.15-dihydro 20.21-dinoreburnamenin-14-ol and applications thereof](#)
- 7391257- [Chopper-stabilized instrumentation amplifier for impedance measurement](#)
- 7392089- [Reducing relative intermodule motion in a modular implantable medical device](#)
- 7395113- [Collecting activity information to evaluate therapy](#)
- 7395118- [System and method for implantable stimulation lead employing optical fibers](#)
- 7403820- [Closed-loop feedback-driven neuromodulation](#)
- 7406351- [Activity sensing for stimulator control](#)
- 7407478- [Coil for magnetic stimulation](#)
- 7414058- [Adenosine A.sub.2a receptor antagonists for the treatment of extra-pyramidal syndrome and other movement disorders](#)
- 7418290- [System and method of assessment of the efficacy of treatment of neurological disorders using the electroencephalogram](#)
- 7421297- [Monopolar stimulation assembly including at least one remote electrode](#)
- 7389147- [Therapy delivery mode selection](#)
- 7388378- [Magnetic resonance imaging interference immune device](#)
- 7385443- [Chopper-stabilized instrumentation amplifier](#)
- 7356369- [Z-axis assembly of medical device programmer](#)
- 7357934- [Intracranial botulinum toxin therapy for focal epilepsy](#)
- 7359751- [Clinician programmer for use with trial stimulator](#)
- 7366572- [Controlling therapy based on sleep quality](#)
- 7367956- [Patient sensory response evaluation for neuromodulation efficacy rating](#)
- 7369891- [Rate control techniques for implantable pulse generator systems](#)
- 7369896- [Systems and methods for treating movement disorders](#)
- 7369897- [Method and system of remotely controlling electrical pulses provided to nerve tissue\(s\) by an implanted stimulator system for neuromodulation therapies](#)
- 7369899- [Minimally invasive systems for locating an optimal location for deep brain stimulation](#)
- 7373204- [Implantable device and method for treatment of hypertension](#)
- 7433734- [Apparatus and method for blocking activation of tissue or conduction of action potentials while other tissue is being therapeutically activated](#)

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