

# **Global Neurostimulation Devices Market Study 2015-2025, by Segment (Spinal Cord Stimulation (SCS), Gastric Electric Stimulation (GES), Deep Brain Stimulation (DBS)), by Market (Pain Management, Parkinson's DiseaseGastric Electric Stimulation (GES), Urinary and Fecal Incontinence), by Company (Medtronic, Boston Scientific, St. Jude Medical)**

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## **Abstracts**

### **SNAPSHOT**

Neurostimulation is a therapeutic activation of part of the nervous system using microelectrodes. The electrodes are used to interface with excitable tissue in order to either restore sensation, such as a cochlear implant for hearing, or control an organ, such as a heart pacemaker. Neurostimulation technology improves the life quality of those who are severely paralyzed or suffering from profound losses to various sense organs. It serves as the key part of neural prosthetics for hearing aids, artificial vision, artificial limbs, and brain-machine interfaces. In the case of neural stimulation, mostly an electrical stimulation is utilized and charge-balanced biphasic constant current waveforms of capacitively coupled charge injection approaches are adopted. Alternatively, the transcranial magnetic stimulation has been proposed as a non-invasive method in which a magnetic field causes neurostimulation.

The global Neurostimulation Devices market will reach xxx Million USD in 2018 and with a CAGR of xx% between 2019-2025.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

Spinal Cord Stimulation (SCS)

Gastric Electric Stimulation (GES)

Deep Brain Stimulation (DBS)

Sacral Nerve Stimulation (SNS)

Vagus Nerve Stimulation (VNS)

Others

Demand Coverage (Market Size & Forecast, Consumer Distribution):

Pain Management

Parkinson's Disease

Urinary and Fecal Incontinence

Epilepsy

Gastroparesis

Others

Company Coverage (Sales data, Main Products & Services etc.):

Medtronic

Boston Scientific

St. Jude Medical

LiveNova(Cyberonics)

Nevro

Inspire Medical Systems

NeuroPace

Autonomic Technologies

## Major Region Market

North America

Europe

Asia-Pacific

South America

Middle East & Africa

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