

# Advanced Neurocare Now Available In Eastern India

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Medical science is advancing every day due to the constant improvement in the technical levels of both diagnostic and therapeutic aspects, as well as proper training of the various medical personnel. Neurosciences constitute one of the most complicated and important speciality, which has taken maximum advantage of this progress. Precision in diagnosis due to modern methods of investigations and minimally invasive surgery using the latest computerized tools have reduced the pain, complication rates and ultimately the cost to the patients while achieving the best possible results. Unfortunately, this process has been the slowest in eastern India, with healthcare institutes here still lagging behind their counterparts in the other regions. However, MIND promises to change that.

MIND (Medica Institute of Neurological Diseases), a unit of the Medica Superspecialty Hospital, located in Mukundapur, off the EM Bypass, is equipped with the latest, state-of-the-art tools to achieve its goal of providing the best available treatment internationally, in Kolkata. The Institute is performing microsurgery with the latest operating



microscope (Pentero, Zeiss), and has the latest Image Guided System (BrainLab) for brain and spine procedures, both a first in Eastern India. MIND can compete with any advanced neurological centres in the world today, being equipped with the latest technology including, the Neuroendoscope (Storz), Stereotactic Frame (CRW), Intra-operative Neuro-monitoring System, CUSA Excel (Cavitron Ultrasonic Surgical Aspirator),

Integra software.

The Institute also has a workstation for Deep Brain Stimulation and Intra-operative CT scan aided by the most modern, well-equipped operation theatres and anaesthetic equipment. Deep Brain Stimulation and other functional procedures for pain, psychosis, will be performed here for the first time in eastern India. This programme will be supported by world renowned specialists from Oxford, UK.

Practiced by only a handful of neurologists in India, Deep Brain Stimulation will greatly benefit patients suffering from Parkinson's Disease, uncontrolled tremor, Cervical Dystonia and some cases of spasticity. It works like magic in some patients and gives them a new lease of life. It is a very specialised treatment, where we place micro-electrodes in the selected points in the deep part of brain and stimulate it with an implanted battery device. □

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