

Intraoperative Neurophysiological Monitoring Market Analysis 2018 and Forecasts To 2027

Intraoperative Neurophysiological Monitoring Market: Region, Key Players, Competition and Forecast to 2027

PUNE, INDIA, June 15, 2018 /EINPresswire.com/ -- The Global Neurophysiological Monitoring Market by Procedure is estimated to grow fast at the rate of 8.9% CAGR during the forecasted period. The largest market of the market is held by the Spinal segment for global [intraoperative neurophysiological monitoring](#) market. It generated \$748.4 million revenue in 2015 and expected to reach by \$2052.6 million by 2027.

Intraoperative neurophysiologic monitoring (IONM) is a monitoring technique which states to a group of procedures used during surgery to monitor neural pathways during high-risk neurosurgical, orthopedic, peripheral nerve, and vascular surgeries. These procedures helps surgeons in avoiding the damages and preventing the functions of the part of the body. Using of IONM reduced the risk of debilitating deficits such as muscle weakness, paralysis, hearing loss, and other loss of normal body functions. IONM is generally performed in the supervision of physiologist, or a neurologist. These are used by surgeons these days to get better results in an operations.

The Intraoperative neurophysiologic monitoring market by procedure is segmented into Spinal, Neurovascular, Orthopedic, Otolaryngology surgery, Urology and Others. During the surgery in the cervical and thoracic spine, preservation of spinal cord integrity is of supreme importance. It is very crucial neurologic examination when the patient is under general anesthesia. Patient cannot cooperate with a confrontational examination. Therefore, combined use of SSEPs and MEPs is of great importance in providing assessment of spinal cord function. IONM is helpful, if there is any major risk factor to vascular or neurological structures during the surgical procedure. It give great benefit in the neurovascular procedures such as craniotomies, brain tumors, cranial nerve identification, cerebral/nerve/spinal tumor and more. For orthopedic it helps greatly in assisting the anterior/posterior cervical fusions, anterior/posterior lumbar surgery and more. During the Otolaryngology surgery it can help greatly in assisting some of the conditions such as thyroidectomies, parathyroidectomies, parotidectomies and mastoidectomies. For urology peripheral nerve surgery, radical retropubic EMG, cryosurgery EMG are assisted by IONM.

In Asia region the orthopedic segment is expected to grow fast at 9.7% CAGR during forecasted. It generated \$67.5 million revenue in 2015 and expected to reach by \$191.9 million by 2027.

The Global Intraoperative Neurophysiological Monitoring market statistical report published by Market Research future contains a brief overview of global intraoperative neurophysiological monitoring market by procedure. Spinal segment commands the largest share and is expected to grow continuously during the forecasted period of 2013-2027. The report analyzed the global intraoperative neurophysiological monitoring market and presents systematic data of market share on the basis of procedure and its growth rate for 2015 along with forecast till 2027.

Market Research future through this report aims to provide understanding of the global intraoperative neurophysiological monitoring market on the basis procedure and also assists identification of

ongoing trends along with anticipated growth during the forecasted period. For this report, extensive primary research was conducted to gain a deeper insight of the market performance. Various industry experts and Key Opinion Leaders (KOLs) were contacted and interviewed to get an idea of Global Intraoperative Neurophysiological Monitoring market.

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