

# **U.S. Intraoperative Neuromonitoring Market by Source Type (Insourced Monitoring and Outsourced Monitoring), Product & Service (System, Accessory, and Service), Application (Spinal Surgery, Neurosurgery, Vascular Surgery, ENT Surgery, Orthopedic Surgery, and Other Surgeries), Modality (Motor Evoked Potential [MEP], Somatosensory Evoked Potential [SSEP], Electroencephalography [EEG], Electromyography [EMG], Brainstem Auditory Evoked Potential [BAEP], and Visual Evoked Potential [VEP]), and End User (Hospital and Ambulatory Surgical Center) - Opportunity Analysis and Industry Forecast, 2014-2022**

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## **Abstracts**

The U.S. intraoperative neuromonitoring (IONM) market generated \$1,239 million in 2015 and is projected to reach \$1,938 million by 2022, growing at a CAGR of 6.6% from 2016 to 2022. Intraoperative neurophysiological monitoring (IONM) or intraoperative neuromonitoring is a technique to reduce the risk of neurological deficits after surgical procedures that involve the nervous system. IONM utilizes recordings of electrical potentials from the nervous system during surgical procedures. Neuromonitoring is useful because it offers an opportunity to detect injuries before they become severe. Therefore, with the introduction of IONM, the risk of debilitating deficits, such as muscle weakness, paralysis, hearing loss, and other loss of normal body functions, is reduced.

The U.S. IONM market is expected to grow at a significant rate during the forecast period, owing to growth in the aging population, increase in prevalence of chronic disorders, surge in applications of IONM in different surgeries, and rise in risk management through IONM during complex surgeries. Furthermore, stringent regulations for IONM procedures and easy availability of technologically advanced IONM systems & accessories fuel the market growth.

The U.S. IONM market is studied based on product & service, source type, application, modality, end user, and state. Based on product & service, the market is segmented into system, accessory, and service. On the basis of source type, the market is bifurcated into insourced monitoring and outsourced monitoring. As per end user, the market is categorized into hospital and ambulatory surgical center (ASC). IONM finds its application in spinal surgery, neurosurgery, vascular surgery, ENT surgery, orthopedic surgery, and other surgeries related to the central or peripheral nervous system. IONM modalities include motor evoked potential (MEP), somatosensory evoked potential (SSEP), electroencephalography (EEG), electromyography (EMG), brainstem auditory evoked potential (BAEP), and visual evoked potential (VEP). As per state, the market is analyzed across California, Texas, New York, Florida, Illinois, Colorado, Louisiana, Michigan, Oklahoma, and Rest of the U.S.

## **KEY BENEFITS FOR STAKEHOLDERS**

The study provides an in-depth analysis of the market along with the current trends and future estimations to elucidate the imminent investment pockets.

It offers a quantitative analysis from 2014 to 2022, which is expected to enable the stakeholders to capitalize on the prevailing market opportunities.

A comprehensive analysis of all states of the U.S. is provided to determine the existing opportunities.

The profiles and growth strategies of the key players are thoroughly analyzed to understand the competitive outlook of the U.S. market.

## **KEY MARKET SEGMENTS**

By Product & Service

System

Accessory

Service

#### By Source Type

Insourced monitoring

Outsourced monitoring

#### By Application

Spinal surgery

Neurosurgery

Vascular surgery

ENT surgery

Orthopedic surgery

Other surgery

#### By Modality

Motor evoked potential (MEP)

Somatosensory evoked potential (SSEP)

Electroencephalography (EEG)

Electromyography (EMG)

Brainstem auditory evoked potential (BAEP)

Visual evoked potential (VEP)

#### By End User

Hospital

Ambulatory surgery center

#### By State

California

Texas

New York

Florida

Illinois

Colorado

Louisiana

Michigan

Oklahoma

Rest of the U.S.

#### LIST OF KEY PLAYERS PROFILED IN THE REPORT

Accurate Monitoring, LLC.

Computational Diagnostics, Inc.

Intranerve, LLC.

Inomed Medizintechnik GmbH

Medtronic Plc

Moberg Research, Inc. (DAYONE MEDICAL, LLC.)

Natus Medical Incorporated

Nihon Kohden Corporation

Nuvasive, Inc.

Specialtycare

LIST OF OTHER PLAYERS IN THE VALUE CHAIN (These players are not profiled in the report. The same will be included on request.)

Medsurant Health

Abea Neurodiagnostics, Inc.

Real Time Neuromonitoring Associates

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