

Global Intracranial Pressure Monitoring Market By Product Type (ICP Monitors, Transducers, and Consumables), By Technology (Invasive ICP Monitoring and Non-invasive ICP Monitoring), By Application (TBI, Meningitis, SAH, ICH, Others), By End-users (Hospitals and Trauma Centers), and By Region (North America, Europe, Asia Pacific, Rest of the World) – Forecast up to 2025 March, 2020

<https://marketpublishers.com/r/GE103558EF7AEN.html>

Date: March 2020

Pages: 71

Price: US\$ 3,250.00 (Single User License)

ID: GE103558EF7AEN

Abstracts

Global Intracranial Pressure Monitoring Market: By Product Type (ICP Monitors, Transducers, and Consumables), By Technology (Invasive ICP Monitoring and Non-invasive ICP Monitoring), By Application (TBI, Meningitis, SAH, ICH, Others), By End-users (Hospitals and Trauma Centers), and By Region (North America, Europe, Asia Pacific, Rest of the World) – Forecast up to 2025

This market research report includes a detailed segmentation of the global intracranial pressure monitoring market by product type (ICP monitors, transducers, and consumables), by technology (invasive ICP monitoring and non-invasive ICP monitoring), by application (TBI, meningitis, SAH, ICH, others), by end-users (hospitals and trauma centers), and by regions (North America, Europe, APAC, and RoW).

Research Overview

Infoholic Research predicts that the global intracranial pressure monitoring market will grow at a CAGR of 7.2% during the forecast period 2019–2025. Intracranial pressure (ICP) monitoring is widely used in various neurological, neurosurgical, and even medical

conditions, both intraoperatively and in critical care, to improve patient outcomes. It is especially useful in patients with traumatic brain injury, as a robust predictor of cerebral perfusion, and can help to guide therapy and assess long-term prognosis. Newer fiber-optic catheter tip and microchip transducer techniques have revolutionized ICP monitoring, with the ease of insertion in patients with narrow ventricles, and reduced risk of infection and hemorrhage. Furthermore, non-invasive methods of ICP monitoring, such as transcranial Doppler, optic nerve sheath diameter, etc., have emerged as promising techniques and thus increasing the market growth. ICP monitoring, which is a part of multi-modality neuromonitoring, is a useful tool in the armamentarium of the neuro-intensivist in decreasing morbidity and mortality of critically ill neurological patients.

The government bodies have launched the Neuroscience Initiative, to understand the effects of brain disorders on health and to channelize the knowledge into innovative solutions for patient care. In the brain monitoring device market, wireless devices are more innovative and are affordable, comfortable to wear, and are easy to operate, and the market is expected to grow at more than 6.9% CAGR in forecast years. The brain monitoring device market is propelled by the key factors, such as the growing prevalence of various neurological disorders, raising awareness to the patients about available treatments, continuous technological advancements, and R&D investments in the field of neurology.

In the intracranial pressure monitoring market, the vendors are coming up with innovative technological advancements and innovative technologies to develop next-generation products. These advancements in technology help physicians to remotely monitor patients who have undergone brain surgeries. The presence of such next-generation product advancements in technology will boost the sales of intracranial pressure monitoring systems during the forecast period. A wireless ICP monitoring system with an accurate and longest operating miniature implant is suitable for both adults and children. It features increased advantages over conventional systems such as ease of insertion and removal. Advanced remote patient monitoring techniques assist doctors to examine multiple patients simultaneously.

According to the analysis, North America is in the leading position and holds the highest share of the market, followed by Europe and Asia Pacific. Further, the manufacturers are developing devices with advanced technologies to expand the intracranial pressure monitor market. As a result, the ICP monitor market is escalating on the global platform.

In developing countries, governments are continuously investing a considerable amount

of funds in improving patient-centered care, safety, and efficiency. The growing geriatric population, rising prevalence of head injuries, and rapid growth in foreign investments are projected to be witnessed over the forecast period in the developing nations of Asia Pacific and the Middle Eastern region.

Segmentation by Product Type:

ICP Monitors

Transducers

Consumables

ICP monitor is the leading segment in the global intracranial pressure monitoring market with maximum revenue generation. Intracranial pressure monitor (ICP) is a device used to measure the swelling inside the head and plays a vital role in managing a variety of acute and chronic intracranial pathologies. The increased demand for ICP monitors owing to the new healthcare settings globally contributed to the dominance of this segment. An increasing number of road accidents and the largest patient pool of the neurological disorders are significantly increasing the share of ICP monitors.

Segmentation by Technology:

Invasive ICP Monitoring

Non-invasive ICP Monitoring

Globally, non-invasive procedures have more demand, as they are patient-friendly procedures. Infections and hemorrhagic complications are majorly associated with invasive monitoring modalities and have been responsible for driving a lot of advanced technology search for non-invasive modalities. Overall, the non-invasive ICP monitoring is a better procedure than invasive ICP monitoring procedures.

Segmentation by Application:

TBI

Meningitis

SAH

ICH

Others

Traumatic brain injuries are significant public health, medical, and societal challenges and are the leading cause of disability and socioeconomic losses globally. TBI affects all the ages but predominately affects the young male population. In this application segment, TBI holds the major share and is expected to continue the same in the upcoming years.

Segmentation by End-users:

Hospitals

Trauma Centers

The end-users are the major consumers defining the stability, economy, and growth of the market. The intracranial pressure monitoring market is segmented based on the end-users as hospitals and trauma centers. The hospitals segment holds the major share of the market and is expected to reach the highest CAGR during the forecast period.

Trauma centers are expected to increase the market share in the upcoming years.

Segmentation by Region:

North America

Europe

APAC

RoW

The regions covered in the report include North America, Europe, Asia Pacific, and Rest of the World. North America is set to be the leading region in the global intracranial pressure monitoring market due to the presence of the largest product portfolio with the presence of established vendors, followed by Europe. Asia Pacific is the most focused and the fastest-growing region due to enormous opportunities for market players to establish their presence, and RoW is set to be the emerging region.

Competitive Analysis - The global intracranial pressure monitoring market is highly fragmented and has immense growth opportunities for vendors, especially in the developing regions. The market experiences the participation of many global, regional, and local players who are competing fiercely to gain a strong foothold as the top vendor.

The competitive environment in the market will intensify with an increase in product/service extensions, product innovations, and M&A.

Key Vendors:

Codman & Shurtleff

Medtronic plc

Integra Lifesciences

Natus Medical

Key Competitive Facts:

The market is highly competitive, with all the players competing to gain the market share. Intense competition, rapid advancements in technology, frequent changes in government policies, and price are key factors that confront the market.

Strict government regulations and high cost of products hinder the entry of new players, and many players have a commendable share in the market.

The emergence of non-invasive and increased application of TBI cases is expected to boost the overall market growth.

The government is investing more to create awareness related to neurodegenerative diseases.

Reimbursement policies are helping key players to develop new advancements in the ICP monitoring system.

Responding to competitive pricing pressures specific to each of the geographic markets.

Benefits - The report provides complete details about the usage and adoption rate of intracranial pressure monitors. Thus, the key stakeholders can know about the major trends, drivers, investments, vertical player's initiatives, and government initiatives toward the medical devices segment in the upcoming years along with details of the pureplay companies entering the market. Moreover, the report provides details about the major challenges that are going to impact the market growth. Additionally, the report gives complete details about the key business opportunities to stakeholders in order to expand their business and capture the revenue in specific verticals and to analyze before investing or expanding the business in this market.

Key Takeaways:

Understanding the potential market opportunity with precise market size and forecast data.

Detailed market analysis focusing on the growth of the intracranial pressure monitoring market globally.

Factors influencing the growth of the intracranial pressure monitoring market.

In-depth competitive analysis of dominant and pureplay vendors.

Prediction analysis of the intracranial pressure monitoring industry across

Contents

1 INDUSTRY OUTLOOK

- 1.1 Industry Overview
- 1.2 Patient Demographics
- 1.3 Healthcare Spending in the US
- 1.4 Definition: Intracranial Pressure Monitor
- 1.5 Why Intracranial Pressure Monitor?
- 1.6 Industry Trends
- 1.7 Reimbursement Scenario
- 1.8 Emerging Global Markets

2 REPORT OUTLINE

- 2.1 Report Scope
- 2.2 Report Summary
- 2.3 Research Methodology
- 2.4 Report Assumptions

3 MARKET SNAPSHOT

- 3.1 Total Addressable Market
- 3.2 Segmented Addressable Market
- 3.3 Porter 5 (Five) Forces

4 MARKET CHARACTERISTICS

- 4.1 Market Segmentation
- 4.2 Market Dynamics
 - 4.2.1 Drivers
 - 4.2.1.1 Increased incidence of neurological diseases (brain aneurysm)
 - 4.2.1.2 Growing popularity of MI neurosurgeries
 - 4.2.1.3 Increasing application of ICP monitoring devices
 - 4.2.1.4 Growing prevalence of traumatic injuries
 - 4.2.2 Restraints
 - 4.2.2.1 Limitations of clinical data for ICP
 - 4.2.2.2 Low penetration rate in emerging countries
 - 4.2.2.3 Intense competition among vendors

4.2.2.4 Complications and risks associated with ICP monitoring devices

4.2.2.5 Lack of skilled professionals

4.2.3 Opportunities

4.2.3.1 Technological advancements

4.2.3.2 Emergence of ICP non-invasive monitors

4.2.3.3 Increase demand for wireless monitors

4.2.3.4 Increasing healthcare spending

Global Intracranial Pressure Monitoring Market - Global Drivers, Restraints, Opportunities,

Trends, and Forecast up to 2025

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4.2.4 DRO – Impact Analysis

4.3 Key Stakeholders

5 PRODUCT TYPES: MARKET SIZE AND ANALYSIS

5.1 ICP Monitors

5.1.1 Overview

5.1.2 Market Share and Analysis

5.2 Transducers

5.2.1 Overview

5.2.2 Market Share and Analysis

5.3 Consumables

5.3.1 Overview

5.3.2 Market Share and Analysis

6 TECHNOLOGY: MARKET SIZE AND ANALYSIS

6.1 Invasive ICP Monitoring

6.1.1 Overview

6.1.2 Market Share and Analysis

6.2 Non-invasive ICP Monitoring

6.2.1 Overview

6.2.2 Market Share and Analysis

7 SEGMENTATION BY APPLICATION:

7.1 TBI

7.2 Meningitis

- 7.3 SAH
- 7.4 ICH
- 7.5 Others

8 END-USERS

- 8.1 Overview
- 8.2 Hospitals
- 8.3 Trauma Centers

9 REGIONS: MARKET SIZE AND ANALYSIS

- 9.1 Overview
- 9.2 North America
 - 9.2.1 Market Overview
- 9.3 Europe
 - 9.3.1 Market Overview
- 9.4 APAC
 - 9.4.1 Market Overview
- 9.5 Rest of the World
 - 9.5.1 Market Overview

10 COMPETITIVE LANDSCAPE

- 10.1 Competitor Comparison Analysis
- Global Intracranial Pressure Monitoring Market - Global Drivers, Restraints, Opportunities, Trends, and Forecast up to 2025
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11 VENDOR PROFILES

- 11.1 Codman & Shurtleff, Inc
- 11.2 Medtronic plc
- 11.3 Integra Lifesciences
- 11.4 Natus Medical

12 COMPANIES TO WATCH FOR

- 12.1 ICU Medical
- 12.2 Edwards Lifesciences
- 12.3 RAUMEDIC AG
- 12.4 Sophysa
- 12.5 Utah Medical
- 12.6 Argon Medical
- 12.7 Vittamed (Boston Neurosciences)

12 OTHER VENDORS

Annexure

? Abbreviations

I would like to order

Product name: Global Intracranial Pressure Monitoring Market By Product Type (ICP Monitors, Transducers, and Consumables), By Technology (Invasive ICP Monitoring and Non-invasive ICP Monitoring), By Application (TBI, Meningitis, SAH, ICH, Others), By End-users (Hospitals and Trauma Centers), and By Region (North America, Europe, Asia Pacific, Rest of the World) – Forecast up to 2025 March, 2020

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