Intracranial Pressure (ICP) Monitoring Market Research Report-Global Forecast to 2024

Report / Search Code: MRFR/MED/0232-HCRR    Publish Date: July, 2017

Price

<table>
<thead>
<tr>
<th></th>
<th>1-user PDF : $ 4450.0</th>
<th>Enterprise PDF : $ 6250.0</th>
</tr>
</thead>
</table>

Description:

Intracranial pressure monitoring market Research Report, by End-users (Hospital, Clinic, Trauma center), by Instrument (Accessories, Device), by method (Invasive, Non- invasive), by Applications (Traumatic Brain Injury, Intracerebral Hemorrhage) - Global Forecast 2024

About Intracranial pressure (ICP) monitoring:

Intracranial pressure (ICP) monitoring is used in treating patients suffering from severe brain injury. In this process a sensor device is been used and placed inside the head to measure the pressure inside the skull and send it to a recording device

Intracranial pressure monitoring can be performed in following three ways

- Intraventricular Catheter: is the most accurate method. In this method Intraventricular Catheter is inserted through a hole in the skull and place in the lateral ventricle.

- Subdural Screw: In this method hollow screw is placed in the skull. It is placed between a membrane that protects the spinal cord and the brain.

- Epidural Sensor: The Epidural Sensor is placed between the skull and dural tissue by drilling a hole in the skull

Intracranial pressure monitoring (ICP) market Application:

Intracranial pressure (ICP) monitoring is mainly used in hospitals for patients
suffering from brain injury, meningitis and intracerebral hemorrhage. There are multiple ICP products that have been used in hospitals such as Surgical Instruments, IAP-Monitoring, Hydrocephalus, CSF drainage and many more.

The microtransducers and ventriculostomy is included invasive method whereas tympanic membrane displacement, transcranial Doppler, CT scan/MRI, optic nerve sheath diameter, and fundoscopy is included in noninvasive methods

**Intracranial pressure (ICP) monitoring market growth influencer:**

The major growth drivers of Intracranial pressure monitoring market is increasing global incidence and prevalence of neurological disorders, rising awareness about neurodegenerative diseases, technological advancements in brain monitoring devices and growing incidence of traumatic brain injuries.

The shortage of trained professionals, high cost of complex brain monitoring devices, unfavorable reimbursement policies and concerns regarding the accuracy of diagnostic devices are the major restraints of ICP market.

**Intracranial pressure (ICP) monitoring market segmentation:**

ICP monitoring market segmentation can be done by method, market, Instrument, applications and End-users.

ICP monitoring market by Method: Invasive and Non- invasive

ICP monitoring market by Market: external ventricular drain, fiber optic monitor, strain gauge transducer and air-pouch device market.

ICP monitoring market by Instrument: Devices and accessories

ICP monitoring market by Applications: Traumatic Brain Injury, Intracerebral Hemorrhage, Meningitis, and Subarachnoid Hemorrhage

ICP monitoring market by End-users: Trauma centers, hospitals, clinics and diagnostic laboratories.

**Intracranial pressure (ICP) monitoring market regional analysis:**

The regional analysis comprises of North America, Europe, Asia Pacific, Middle East and rest of the world.

**North America:**

North America dominates the ICP monitoring market due to large number of traumatic brain injury cases. Also, the growing number of Traumatic Brain Injury (TBI) cases and need for continuous ICP monitoring of the patients suffering from TBI are the factors driving the intracranial pressure monitoring devices market in the U.S. Additionally, Increasing Awareness About Neurodegenerative Diseases and Rising Government Initiatives are also propelling the market towards growth.

North America market is broadly classified into product and applications.
Based on product the market is segmented into Extra Ventricular Drainage (EVD) and ICP Monitors whereas based on applications market is segmented into Traumatic Brain Injury, Intracerebral Hemorrhage, Meningitis and Others.

Asia:

Asian countries is showing highest growth rate in the upcoming years. The growing neurological complications and government initiatives for raising the awareness in people towards the neurological complications and its treatment is driving the ICP Monitoring market. Japan, China, and India are relied upon to be among the highest developing markets for the intracranial pressure devices because of different developing ventures and research offices.

Intracranial pressure (ICP) monitoring market major players:

Natus Medical Inc. (U.S.), Nihon Kohden Corporation (Japan), Philips Healthcare (Netherlands), GE Healthcare (U.K.), Siemens Healthcare (Germany), Compumedics Ltd. (Australia), Electrical Geodesics Incorporated (U.S.), Medtronic Inc. (Ireland), CAS Medical Systems, Inc. (U.S.) and Advanced Brain Monitoring (U.S.)

The reports also covers brief analysis of Geographical Region includes:

Americas

- North America
  - US
  - Canada

Europe

- Western Europe
  - Germany
  - France
  - Italy
  - Spain
  - U.K
  - Rest of Western Europe
Eastern Europe
  - Poland
  - Russia

Asia– Pacific

- Asia
  - China
  - India
  - Japan
  - Rest of Asia

- Pacific Countries
  - Australia
  - New Zealand

- The Middle East & Africa

Every report of Market Research Future comprises of extensive primary research along with the detailed analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain the deeper insight of the market and industry performance. The report gives the clear picture of current market scenario which includes historical and projected market size in terms of value and volume, technological advancement, macro economical and governing factors in the market. The report also gives a broad study of the different market segments and regions.

Contents:

1 INTRODUCTION

  1.1 DEFINITION

  1.2 SCOPE OF STUDY

    1.2.1 RESEARCH OBJECTIVE

    1.2.2 ASSUMPTIONS & LIMITATIONS

    1.2.2.1 ASSUMPTIONS

    1.2.2.2 LIMITATIONS
1.3 MARKET STRUCTURE:

2 RESEARCH METHODOLOGY

2.1 RESEARCH PROCESS:

2.2 PRIMARY RESEARCH

2.3 SECONDARY RESEARCH:

3 MARKET DYNAMICS

3.1 DRIVERS

3.2 RESTRAINTS

3.3 OPPORTUNITIES

3.4 MACROECONOMIC INDICATORS

4 MARKET FACTOR ANALYSIS

4.1 PORTERS FIVE FORCES MODEL

4.2 BARGAINING POWER OF SUPPLIERS

4.3 BARGAINING POWER OF BUYERS

4.4 THREAT OF NEW ENTRANTS

4.5 THREAT OF SUBSTITUTES

4.6 INTENSITY OF RIVALRY

5 INTRACRANIAL PRESSURE MONITOR DEVICE MARKET, BY TECHNIQUES

5.1 INVASIVE

5.2 NON-INVASIVE

6. INTRACRANIAL PRESSURE MONITOR DEVICE MARKET, BY METHOD

6.1 INTRA-VENTRICULAR CATHETER

6.2 SUBDURAL SCREW

6.3 EPIDURAL SENSOR

6.4 OTHERS

7. INTRACRANIAL PRESSURE MONITOR DEVICE MARKET, BY APPLICATION

7.1 TRAUMATIC BRAIN INJURY

7.3 INTRA-CEREBRAL HEMORRHAGE

7.4 MENINGETIS

7.5 OTHERS

8. INTRACRANIAL PRESSURE MONITOR DEVICE MARKET, BY REGION

8.1 NORTH AMERICA
8.1.1 INTRODUCTION
8.2 EUROPE
8.2.1 INTRODUCTION
8.3 ASIA-PACIFIC
8.3.1 INTRODUCTION
8.4 MIDDLE EAST & AFRICA
8.4.1 INTRODUCTION
9. COMPETITIVE LANDSCAPE
9.1 MAJOR STRATEGIES ADOPTED BY MARKET PLAYERS
9.1.1 STRATEGIC PARTNERSHIP
9.1.2 MERGER & ACQUISITION
10 COMPANY PROFILE
10.1 COVIDIEN PLC
10.1.1 OVERVIEW
10.1.2 PRODUCT OVERVIEW
10.1.3 FINANCIALS
10.1.4 KEY DEVELOPMENTS
10.2 COMPUMEDICS LIMITED
10.2.1 OVERVIEW
10.2.2 PRODUCT OVERVIEW
10.2.3 FINANCIALS
10.2.4 KEY DEVELOPMENTS
10.3 NATUS MEDICAL INCORPORATED
10.3.1 OVERVIEW
10.3.2 PRODUCT OVERVIEW
10.3.3 FINANCIALS
10.3.4 STRATEGY
10.3.5 KEY DEVELOPMENT
10.4 INTEGRA LIFESCIENCES CORPORATION
10.4.1 OVERVIEW
10.4.2 PRODUCT OVERVIEW
10.4.3 FINANCIALS

10.4.4 KEY DEVELOPMENTS

10.5 CODMAN & SHURTLEFF, INC.

10.5.1 OVERVIEW

10.5.2 PRODUCT OVERVIEW

10.5.3 FINANCIALS

10.5.4 KEY DEVELOPMENTS

10.6 OTHERS

List of Tables
TABLE 1 INTRACRANIAL PRESSURE MONITOR DEVICE MARKET, BY TECHNIQUES, 2013-2022 (USD MILLION)

TABLE 2 INTRACRANIAL PRESSURE MONITOR DEVICE MARKET, BY METHODS, 2013-2022 (USD MILLION)

TABLE 3 INTRACRANIAL PRESSURE MONITOR DEVICE MARKET BY APPLICATION 2013-2022 (USD MILLION)

TABLE 4 INTRACRANIAL PRESSURE MONITOR DEVICE MARKET, BY REGION 2013-2022 (USD MILLION)

List of Figures
FIGURE 1 RESEARCH PROCESS

FIGURE 2 PORTERS FIVE FORCES MODEL

FIGURE 3 INTRACRANIAL PRESSURE MONITOR DEVICE MARKET, BY TECHNIQUES

FIGURE 4 INTRACRANIAL PRESSURE MONITOR DEVICE MARKET, BY METHODS

FIGURE 5 INTRACRANIAL PRESSURE MONITOR DEVICE MARKET, BY APPLICATION

FIGURE 6 INTRACRANIAL PRESSURE MONITOR DEVICE MARKET, BY REGIONS

FIGURE 7 INTRACRANIAL PRESSURE MONITOR DEVICE MARKET: COMPANY SHARE ANALYSIS, 2015 (%)