

Cerebrospinal Fluid Management - Market Insights, Competitive Landscape and Market Forecast-2027

Medical Market (7-10 Business Days) | 2022-07-01 | 100 pages | DelveInsight

AVAILABLE LICENSES:

- Single User Price \$2750.00
- Site License Price \$5500.00
- Enterprise Price \$8250.00

Report description:

Cerebrospinal Fluid Management Market By Product Type (Csf Shunts & Valves, External Drainage Systems [Drainage And Monitoring Systems, Drainage-Specific Systems, And Csf Drainage Catheters {Ventricular, Lumbar, And Others}], Anti-Siphon Devices, And Others), By Age Group (Adult And Pediatric), By End User (Hospitals And Specialty Clinics), by geography is expected to grow at a steady CAGR forecast till 2027 owing to the rising prevalence of hydrocephalus due to brain tumors and road accidents.

Global Cerebrospinal Fluid Management Market will grow at a CAGR of 4.78% during the forecast period from 2022 to 2027. The demand for CSF management is witnessing growth due to the rising number of accident and trauma cases, growing prevalence of brain tumors, increasing cases of childhood hydrocephalus, rising demand for technologically advanced products, and increasing geriatric population are expected to drive the product demand in the global CSF management market.

Cerebrospinal Fluid Management Market Dynamics:

The cerebrospinal fluid (CSF) management market is witnessing an increase in market revenue owing to the rising prevalence of brain tumors. Brain tumors are associated with the accumulation of CSF in the brain which ultimately result in the increase of the intracranial pressure inside the brain. As per the GLOBOCAN study published by the International Agency for Research on Cancer published in 2020, brain cancers accounted for 308,102 cases across the globe in 2020. The excess fluid puts pressure on the brain, which can damage it. Therefore, in order to avoid the fluid buildup inside the brain, CSF management devices such as CSF shunts and drainage systems are employed. Therefore, the rising global prevalence of brain tumors is expected to result in the growing demand for CSF management devices, thereby aiding in the global CSF management market growth.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott-international.com

www.scott-international.com

Increasing cases of road traffic injuries can be considered as another key factor responsible for the growth of the CSF management devices market. According to the World Health Organization factsheet (2021) on road traffic injuries, injuries associated with road accidents are the leading cause of fatality in children and young adults belonging to the age group 5-29 years across the globe. The same factsheet further stated that near about 20-50 million people suffer from non-fatal injuries in road accidents resulting in a disability as a result of their injury. Injuries of this nature may result in severe head trauma. This may result in formation of blood clots inside the brain which may restrict the flow of CSF inside the brain. This in turn leads to the accumulation of CSF inside the brain, which in turn would be treated with the help of CSF management devices. Therefore, the increase in the cases of road traffic injuries and accidents is expected to contribute in the growing demand for cerebrospinal fluid management devices, eventually taking the global cerebrospinal fluid management market forward during the forecast period.

However, stringent product approval process, common risks associated with the devices such as infection, shunt malfunction, and improper drainage, among others may prove to be certain restraints to the CSF management market growth.

Along with the above-mentioned factors, the global cerebrospinal fluid management market witnessed a period of temporary setback as necessary measures to contain the COVID-19 spread were imposed such as country-wide lockdowns. One of the major steps during this was the suspension of numerous elective procedures and outpatient visits which reduced the demand for CSF management devices in the market as a large number of surgeries across different medical specialties were suspended on account of either being non-essential or several of intensive care units were closed because of the reduction in number of patient during the initial lockdown period, thereby limiting the market growth for a short time. However, the market for CSF management devices is on the period of recovery with the resumption of activities across various domains including healthcare services owing to the approval and administration of numerous COVID-19 vaccines across the globe, thereby presenting a positive future outlook for the cerebrospinal fluid management market during the forecast period.

Cerebrospinal Fluid Management Market Segment Analysis:

Cerebrospinal Fluid Management Market by Product Type (CSF Shunts & Valves, External Drainage Systems [Drainage and Monitoring Systems, Drainage-specific Systems, and CSF Drainage Catheters {Ventricular, Lumbar, and Others}], Anti-Siphon Devices, and Others), by Age Group (Adult and Pediatric), by End User (Hospitals and Specialty Clinics), and by Geography (North America, Europe, Asia-Pacific, and Rest of the World)

In the product segment of the CSF management market, the CSF shunts and valves are expected to account for a significant revenue share in the market during the forecast period. This can be attributed to their applicability in the treatment of hydrocephalus as they are most commonly placed in pediatric patients for hydrocephalus/fluid space collections due to intraventricular hemorrhage or spina bifida and have significantly improved clinical outcomes associated with these conditions. Furthermore, they offer a more permanent treatment approach compared to other CSF management devices as they are intended to remain in place for life.

Additionally, the technological advancement in product development such as the development of newer shunts with an electronically (externally) programmable component that would help avoid over-drainage of CSF may be another key factor

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

positively influencing the demand for this product type in the CSF management market.

North America is expected to dominate the Overall Cerebrospinal Fluid Management Market:

Among all the regions, North America is estimated to account for the significant market share in the CSF management market. North America is predicted to account for the dominant market share because of the high prevalence of hydrocephalus from various reasons such as congenital hydrocephalus, brain aneurysms, traumatic brain injury among other factors, rising population of the elderly as well as high awareness among people regarding disease management and the new product launches in the region.

The North America CSF management market is witnessing an upward trend due to the rising prevalence of congenital hydrocephalus in the country among other factors. As per the data provided by the Centers for Disease Control and Prevention, each year, about 1,427 babies are born with spina bifida, or 1 in every 2,758 births in the country. Many babies born with spina bifida also develop hydrocephalus which may boost the demand for CSF management devices such as hydrocephalus shunts, eventually driving the United States CSF management market growth during the forecast period.

Additionally, according to the data (2020) provided by the Brain Aneurysm Foundation, a US-based organization, an estimated 6.5 million people in the United States have an un-ruptured brain aneurysm. The annual rate of rupture in the country is approximately 8 - 10 per 100,000 people. About 30,000 people in the United States suffer a brain aneurysm rupture each year. A brain aneurysm ruptures every 18 minutes. It has been established that blood from a torn aneurysm can result in the blockage of CSF circulation leading to fluid buildup and increased pressure on the brain ultimately causing hydrocephalus. Therefore, the increase in number of patients suffering from brain aneurysms in the country is expected to drive the demand for CSF management devices, thereby contributing in the overall growth of the CSF management market in the North American region.

The above-mentioned facts point towards the presence of diverse patient pool in the country as well as the North American region that may benefit from the utilization of CSF management. Furthermore, the well-established patient care system along with awareness among patients and caregivers regarding different types of neurosurgeries and products used is further expected to aid in the North American CSF management market growth.

Moreover, the prompt and well-established healthcare services and infrastructure further contributes to the growth of the regional CSF management market. The presence of key players in the region and supportive reimbursement programs further provide immense growth opportunities for CSF management market. Moreover, the constant focus of market players in targeting the region in product launch is further expected to aid in the growth of the North American CSF management market. For instance, in December 2019, Raumed AG launched a new device for home use, Raumed Home ICP for intracranial pressure (ICP) monitoring in hydrocephalus patients.

Cerebrospinal Fluid Management Market Key Players:

Some of the key market players operating in the CSF management market includes Medtronic, B. Braun Melsungen AG, Neuromedex GmbH, Natus Medical Incorporated., Sophysa, Integra LifeSciences Corporation, Spiegelberg GmbH & Co. KG, Desu Medical, Polyganics, CHRISTOPH MIETHKE GMBH & CO. KG, HpBio Proteses Inc, Wellong Instruments Co., Ltd., Moller Medical

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

GmbH, CereVasc, Inc., Anuncia Inc, RAUMEDIC AG, Vivonics Inc and others.

Recent Developmental Activities in Cerebrospinal Fluid Management Market:

? In March 2021, Anuncia Inc. received the ""Breakthrough Device Designation"" for ReFlow? System Mini by the US FDA. The device is to be used in the treatment of CSF disorders requiring shunting such as hydrocephalus.

? In May, 2020, Aesculap, Inc. announced the launch of M.blue? Hydrocephalus Valve in the United States. The device is equipped with a unique gravitational technology integrated with a fixed differential pressure unit in one valve, thereby providing a simple, position-dependent solution.

? In July 2019, Integra LifeSciences Holdings Corporation acquired Arkis Biosciences Inc. thereby also acquiring a portfolio of neurosurgical devices, including the CerebroFlo external ventricular drainage (EVD) catheter with Endexo technology.

Key Takeaways from the Cerebrospinal Fluid Management Market Report Study

? Market size analysis for current CSF management market size (2021), and market forecast for 5 years (2022-2027)

? The effect of the COVID-19 pandemic on this market is significant. To capture and analyze suitable indicators, our experts are closely watching the CSF management market.

? Top key product/services/technology developments, merger, acquisition, partnership, joint venture happened for last 3 years

? Key companies dominating the global CSF management market.

? Various opportunities available for the other competitor in the CSF management market space.

? What are the top performing segments in 2021? How these segments will perform in 2027.

? Which is the top-performing regions and countries in the current CSF management market scenario?

? Which are the regions and countries where companies should have concentrated on opportunities for CSF management market growth in the coming future?

Target Audience who can be benefited from this Cerebrospinal Fluid Management Market Report Study

? Cerebrospinal Fluid Management products providers

? Research organizations and consulting companies

? Cerebrospinal Fluid Management-related organizations, associations, forums, and other alliances

? Government and corporate offices

? Start-up companies, venture capitalists, and private equity firms

? Distributors and Traders dealing in CSF management

? Various End-users who want to know more about the CSF management market and latest technological developments in the CSF management market.

Frequently Asked Questions for Cerebrospinal Fluid Management Market:

1. What is a CSF Management Device?

CSF management devices are used in the treatment of CSF accumulation and leakage in events of hydrocephalus and injuries due to various reasons such as birth defects, trauma, and other causes. These include devices such as CSF shunts, dural sealants, and intracranial pressure monitoring devices among others.

2. What is the market for Global Cerebrospinal Fluid Management?

Global Cerebrospinal Fluid Management Market will grow at a CAGR of 4.78% during the forecast period from 2022 to 2027.

3. What are the drivers for Global Cerebrospinal Fluid Management Market?

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

The demand for CSF management is witnessing growth due to the rising number of accident and trauma cases, growing prevalence of brain tumors, increasing cases of childhood hydrocephalus, rising demand for technologically advanced products, and increasing geriatric population are expected to drive the product demand in the global CSF management market.

4. Who are the key players operating in Global Cerebrospinal Fluid Management Market?

Some of the key market players operating in the CSF management market includes Medtronic, B. Braun Melsungen AG, Neuromedex GmbH, Natus Medical Incorporated., Sophysa, Integra LifeSciences Corporation, Spiegelberg GmbH & Co. KG, Desu Medical, Polyganics, CHRISTOPH MIETHKE GMBH & CO. KG, HpBio Proteses Inc, Wellong Instruments Co., Ltd., Moller Medical GmbH, CereVasc, Inc., Anuncia Inc, RAUMEDIC AG, Vivonics Inc and others.

5. Which region has the highest share in Cerebrospinal Fluid Management market?

North America is predicted to account for the dominant market share because of the high prevalence of hydrocephalus from various reasons such as congenital hydrocephalus, brain aneurysms, traumatic brain injury among other factors, rising population of the elderly as well as high awareness among people regarding disease management and the new product launches in the region.

Table of Contents:

- 1.Cerebrospinal Fluid Management Market Report Introduction
- 2.Cerebrospinal Fluid Management Market Executive Summary
 - 2.1 Scope of the Study
 - 2.2 Market at Glance
 - 2.3 Competitive Assessment
 - 2.4 Financial Benchmarking
- 3. Regulatory and Patent Analysis
 - 3.1 The United States
 - 3.2 Europe
 - 3.3 Japan
 - 3.4 China
- 4. Cerebrospinal Fluid Management Market Key Factors Analysis
 - 4.1 Cerebrospinal Fluid Management Market Drivers
 - 4.1.1 Rising Prevalence of Hydrocephalus
 - 4.1.2 Rising Number of Trauma and Accident Cases
 - 4.1.3 Rising Prevalence of Brain Tumors
 - 4.1.4 Increasing Focus on Innovative Product Development
 - 4.2 Cerebrospinal Fluid Management Market Restraints and Challenges
 - 4.2.1 Risks Associated with Devices
 - 4.2.2 Stringent Product Approval Process
 - 4.3 Cerebrospinal Fluid Management Market Opportunities
 - 4.3.1 Development of Devices with Antimicrobial Properties
 - 4.3.2 Product Improvement in Terms of Safety

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5. Cerebrospinal Fluid Management Market Porter's Five Forces Analysis
 - 5.1 Bargaining Power of Suppliers
 - 5.2 Bargaining Power of Consumers
 - 5.3 Threat of New Entrants
 - 5.4 Threat of Substitutes
 - 5.5 Competitive Rivalry
- 6. COVID-19 Impact Analysis on Cerebrospinal Fluid Management Market
- 7. Cerebrospinal Fluid Management Market Layout
 - 7.1 By Product Type
 - 7.1.1 CSF Shunts and Valves
 - 7.1.2 External Drainage Systems
 - 7.1.2.1 Drainage and Monitoring Systems
 - 7.1.2.2 Drainage-Specific Systems
 - 7.1.2.3 CSF Drainage Catheters
 - 7.1.2.3.1 Ventricular
 - 7.1.2.3.2 Lumbar
 - 7.1.2.3.3 Others
 - 7.1.4 Anti-Siphon Devices
 - 7.1.5 Others
 - 7.2 By Age Group
 - 7.2.1 Adult
 - 7.2.2 Pediatric
 - 7.3 By End User
 - 7.3.1 Hospitals
 - 7.3.2 Specialty Clinics
 - 7.4 By Geography
 - 7.4.1 North America
 - 7.4.1.1 North America Cerebrospinal Fluid Management Market, by Product Type
 - 7.4.1.2 North America Cerebrospinal Fluid Management Market, by Age Group
 - 7.4.1.2 North America Cerebrospinal Fluid Management Market, by End User
 - 7.4.1.4 North America Cerebrospinal Fluid Management Market, by Country
 - 7.4.1.4.1 United States
 - 7.4.1.4.2 Canada
 - 7.4.1.4.3 Mexico
 - 7.4.2 Europe
 - 7.4.2.1 Europe Cerebrospinal Fluid Management Market, by Product Type
 - 7.4.2.2 Europe Cerebrospinal Fluid Management Market, by Age Group
 - 7.4.2.2 Europe Cerebrospinal Fluid Management Market, by End User
 - 7.4.2.4 Europe Cerebrospinal Fluid Management Market, by Country
 - 7.4.2.4.1 France
 - 7.4.2.4.2 Germany
 - 7.4.2.4.3 United Kingdom
 - 7.4.2.4.4 Italy
 - 7.4.2.4.5 Spain
 - 7.4.2.2.6 Russia
 - 7.4.2.2.7 Rest of Europe
 - 7.4.3 Asia-Pacific

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 7.4.3.1 Asia-Pacific Cerebrospinal Fluid Management Market, by Product Type
- 7.4.3.2 Asia-Pacific Cerebrospinal Fluid Management Market, by Age Group
- 7.4.3.2 Asia-Pacific Cerebrospinal Fluid Management Market, by End User
- 7.4.3.4 Asia-Pacific Cerebrospinal Fluid Management Market, by Country
 - 7.4.3.4.1 China
 - 7.4.3.4.2 Japan
 - 7.4.3.4.3 India
 - 7.4.3.4.4 Australia
 - 7.4.3.4.5 South Korea
 - 7.4.3.4.6 Rest of Asia Pacific
- 7.4.4 Rest of the World (RoW)
 - 7.4.4.1 RoW Cerebrospinal Fluid Management Market, by Product Type
 - 7.4.4.2 RoW Cerebrospinal Fluid Management Market, by Age Group
 - 7.4.4.2 RoW Cerebrospinal Fluid Management Market, by End User
 - 7.4.4.4 RoW Cerebrospinal Fluid Management Market, by Region
 - 7.4.4.4.1 Middle East
 - 7.4.4.4.2 Africa
 - 7.4.4.4.3 South America
- 8. Cerebrospinal Fluid Management Market Global Company Share Analysis - Key 3-5 Companies
- 9. Cerebrospinal Fluid Management Market Company and Product Profiles
 - 9.1 Medtronic
 - 9.1.1. Company Overview
 - 9.1.2. Company Snapshot
 - 9.1.3. Financial Overview
 - 9.1.4 Product Listing
 - 9.1.5. Entropy
 - 9.2 B. Braun Melsungen AG
 - 9.2.1. Company Overview
 - 9.2.2. Company Snapshot
 - 9.2.3. Financial Overview
 - 9.2.4 Product Listing
 - 9.2.5. Entropy
 - 9.3 Neuromedex GmbH
 - 9.3.1. Company Overview
 - 9.3.2. Company Snapshot
 - 9.3.3. Financial Overview
 - 9.3.4 Product Listing
 - 9.3.5. Entropy
 - 9.4 Natus Medical Incorporated
 - 9.4.1. Company Overview
 - 9.4.2. Company Snapshot
 - 9.4.3. Financial Overview
 - 9.4.4 Product Listing
 - 9.4.5. Entropy
 - 9.5 Sophysa
 - 9.5.1. Company Overview
 - 9.5.2. Company Snapshot

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.5.3. Financial Overview
- 9.5.4 Product Listing
- 9.5.5. Entropy
- 9.6 Integra LifeSciences Corporation
 - 9.6.1. Company Overview
 - 9.6.2. Company Snapshot
 - 9.6.3. Financial Overview
 - 9.6.4 Product Listing
 - 9.6.5. Entropy
- 9.7 Spiegelberg GmbH & Co. KG
 - 9.7.1. Company Overview
 - 9.7.2. Company Snapshot
 - 9.7.3. Financial Overview
 - 9.7.4 Product Listing
 - 9.7.5. Entropy
- 9.8 Desu Medical
 - 9.8.1. Company Overview
 - 9.8.2. Company Snapshot
 - 9.8.3. Financial Overview
 - 9.8.4 Product Listing
 - 9.8.5. Entropy
- 9.9 Polyganics
 - 9.9.1. Company Overview
 - 9.9.2. Company Snapshot
 - 9.9.3. Financial Overview
 - 9.9.4 Product Listing
 - 9.9.5. Entropy
- 9.10 CHRISTOPH MIETHKE GMBH & CO. KG
 - 9.10.1. Company Overview
 - 9.10.2. Company Snapshot
 - 9.10.3. Financial Overview
 - 9.10.4 Product Listing
 - 9.10.5. Entropy
- 9.11 HpBio Proteses Inc
 - 9.11.1. Company Overview
 - 9.11.2. Company Snapshot
 - 9.11.3. Financial Overview
 - 9.11.4 Product Listing
 - 9.11.5. Entropy
- 9.12 Wellong Instruments Co., Ltd.
 - 9.12.1. Company Overview
 - 9.12.2. Company Snapshot
 - 9.12.3. Financial Overview
 - 9.12.4 Product Listing
 - 9.12.5. Entropy
- 9.13 Moller Medical GmbH
 - 9.13.1. Company Overview

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.13.2. Company Snapshot
- 9.13.3. Financial Overview
- 9.13.4 Product Listing
- 9.13.5. Entropy
- 9.14 RAUMEDIC AG
- 9.14.1. Company Overview
- 9.14.2. Company Snapshot
- 9.14.3. Financial Overview
- 9.14.4 Product Listing
- 9.14.5. Entropy
- 9.15 Anuncia Inc
- 9.15.1. Company Overview
- 9.15.2. Company Snapshot
- 9.15.3. Financial Overview
- 9.15.4 Product Listing
- 9.15.5. Entropy
- 9.16 Vivonics Inc
- 9.16.1. Company Overview
- 9.16.2. Company Snapshot
- 9.16.3. Financial Overview
- 9.16.4 Product Listing
- 9.16.5. Entropy
- 9.17 CereVasc Inc
- 9.17.1. Company Overview
- 9.17.2. Company Snapshot
- 9.17.3. Financial Overview
- 9.17.4 Product Listing
- 9.17.5. Entropy

- 10. KOL Views
- 11. Project Approach
- 12. About DelveInsight
- 13. Disclaimer & Contact Us

**Cerebrospinal Fluid Management - Market Insights, Competitive Landscape and
Market Forecast-2027**

Medical Market (7-10 Business Days) | 2022-07-01 | 100 pages | DelveInsight

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User Price	\$2750.00
	Site License Price	\$5500.00
	Enterprise Price	\$8250.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-16"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

