

North America Cerebrospinal Fluid Management Market Forecast to 2030 – Regional Analysis – by Product (CSF Shunts and CSF Drainage Systems) and End User (Hospitals, Clinics, Ambulatory Surgical Centers, and Others)

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Abstracts

The North America cerebrospinal fluid management market was valued at US\$ 807.96 million in 2022 and is expected to reach US\$ 1,242.49 million by 2030; it is estimated to grow at a CAGR of 5.5% from 2022 to 2030.

Increasing Cases of Cerebrospinal Fluid Leaks Fuels the North America Cerebrospinal Fluid Management Market

According to the Journal of Neurosurgery, more than 69 million people globally are estimated to suffer from traumatic brain injuries annually. Brain and spinal injuries are the most common causes of cerebrospinal fluid (CSF) leaks in adults, necessitating CSF management. High blood pressure, majorly caused due to a shift in lifestyle and unhealthy habits, is another notable cause of CSF leaks among adults and elderlies. Similarly, high blood pressure is common in elderly people, which ultimately leads to an increasing risk of idiopathic intracranial hypertension (IIH). Thus, the growing geriatric population can be associated with the growth of the North America cerebrospinal fluid management market.

The incidence of hydrocephalus is growing significantly across the world. The occurrence of hydrocephalus is highest in the geriatric population; notably, it is higher in the pediatric population compared to adults. According to an article published by the National Library of Medicine (NLM), the global prevalence of hydrocephalus is ~85 per 100,000 individuals. Per the same source, the prevalence rate in the pediatric

population is ~88 per 100,000 whereas the rate is ~11 per 100,000 in adults and ~175 per 100,000 in the geriatric population. Further, the incidence rate of hydrocephalus in low- and medium-income countries is ~123 per 100,000 births whereas the rate in high-income countries is 79 per 100,000 births. The CSF shunts and drainage systems are the treatment options suitable for hydrocephalus cases diagnosed in people from all age groups. Hence, an increase in CSF leak cases boosts the growth of the North America cerebrospinal fluid management market.

North America Cerebrospinal Fluid Management Market Overview

The North America cerebrospinal fluid management market is segmented into the US, Canada, and Mexico. The US held the largest share of the market in this region. The market in this region is expected to continue its dominance during the forecast period due to the increasing hydrocephalus, traumatic brain injury, and other neurological condition incidences; rapid technological innovations; and developing healthcare infrastructure.

North America Cerebrospinal Fluid Management Market Revenue and Forecast to 2030 (US\$ Mn)

North America Cerebrospinal Fluid Management Market Segmentation

The North America cerebrospinal fluid management market is segmented into product, end user and country.

Based on product, the North America cerebrospinal fluid management market is bifurcated into CSF shunts and CSF drainage systems. The CSF shunts segment held a larger market share in 2022.

Based on end user, the North America cerebrospinal fluid management market is segmented into hospitals, clinics, ambulatory surgical centers, and others. The hospitals segment held the largest market share in 2022.

Based on country, the North America cerebrospinal fluid management market is segmented into the US, Canada, and Mexico. The US dominated the North America cerebrospinal fluid management market share in 2022.

Argi Group Health Services Ltd Sti, B. Braun SE, BeckerSmith Medical Inc, Integra LifeSciences Holdings Corp, Medtronic Plc, Natus Medical Inc, Sophysa SA, and

Spiegelberg GmbH & Co KG are some of the leading companies operating in the North America cerebrospinal fluid management market.

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