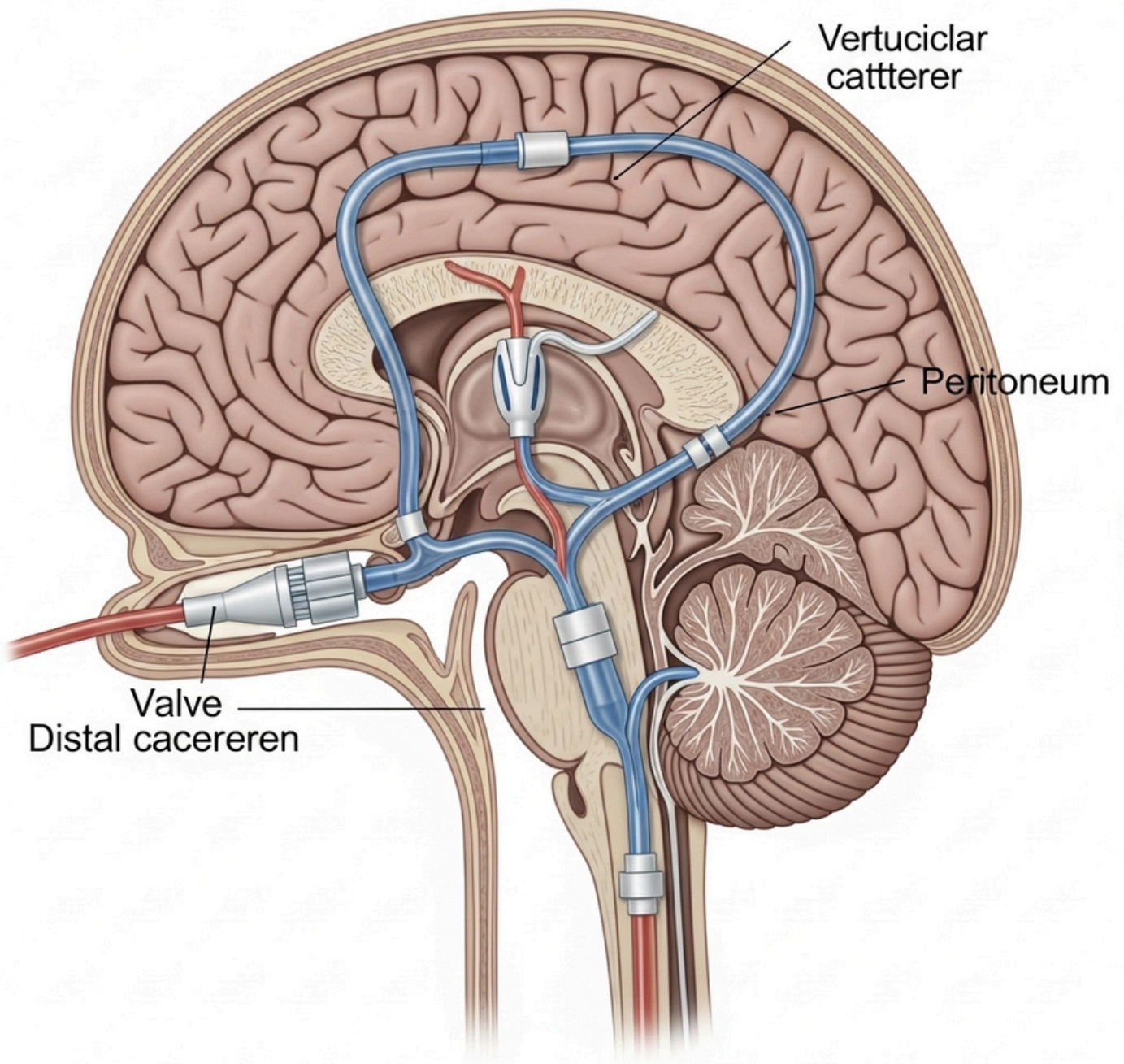




# North America Hydrocephalus Shunts Market Size, Competitors Strategy, Regional Analysis 2028

The North America hydrocephalus shunts market is expected to grow from US\$ 122.61 million in 2022 to US\$ 150.64 million by 2028. It is estimated to record a CAGR of 3.5% from 2022 to 2028.



**Rising Prevalence of Hydrocephalus Drives Growth in North America's Hydrocephalus Shunts Market**

Cerebrospinal fluid (CSF) plays a crucial role in protecting the brain and spinal cord from injury and infection. However, an abnormal buildup of CSF in the brain's cavities increases intracranial pressure, leading to hydrocephalus—a condition that can cause macrocephaly and cognitive impairment. While hydrocephalus can occur at any age, it is most common in infants, children, and adults over 60. According to the Hydrocephalus Association, more than 1 million Americans are affected by the condition, with approximately 1 in every 770 babies born in the U.S. diagnosed with it.

The primary treatment for hydrocephalus involves the use of shunt systems, which divert excess CSF from the brain to other parts of the body, where it is absorbed into the circulatory system. As the incidence of hydrocephalus continues to rise, the demand for these life-saving medical devices is increasing, fueling [market growth](#) in the North America hydrocephalus shunts market.

## **Market Overview**

The North America hydrocephalus shunts market covers the U.S., Canada, and Mexico, with the U.S. leading the region due to its advanced healthcare infrastructure and growing awareness of neurological disorders. The Hydrocephalus Organization reports that hydrocephalus affects 1 in 770 newborns and 1 in 100 elderly Americans, highlighting the significant need for effective treatment options.

Key factors driving market expansion include:

- Increasing neurological disorder rates, particularly hydrocephalus in aging populations and infants.
- Strong investments in R&D by medical device companies to develop advanced neurosurgical solutions.
- Government and private sector initiatives aimed at reducing the socioeconomic burden of hydrocephalus.

With ongoing advancements in shunt technology and a growing patient population, the North America hydrocephalus shunts market is poised for sustained growth in the coming years. The North America hydrocephalus shunts market is segmented based on several key factors, reflecting diverse patient needs and treatment approaches. Below is a structured breakdown of the market segmentation and key players:

### **North America hydrocephalus shunts market Segmentation**

#### **North America hydrocephalus shunts market By Age Group**

- Pediatric (expected to hold a larger market share in 2022)
- Adults

## **North America hydrocephalus shunts market By Type**

- Ventriculo-Peritoneal (VP) Shunts (largest market share in 2022)
- Ventriculo-Atrial (VA) Shunts
- Ventriculo-Pleural (VPL) Shunts
- Lumbo-Peritoneal (LP) Shunts

## **North America hydrocephalus shunts market By Product**

- Hydrocephalus Valves (dominant segment in 2022)
- Hydrocephalus Catheters
- Neuronavigation Systems
- Others

## **North America hydrocephalus shunts market By End User**

- Hospitals (likely to dominate in 2022)
- Ambulatory Surgical Centers (ASCs)
- Others

## **North America hydrocephalus shunts market By Country**

- United States (US) (expected to dominate in 2022)
- Canada
- Mexico

## **North America hydrocephalus shunts market Key Players**

Leading companies operating in the North America hydrocephalus shunts market include:

- B. Braun Melsungen AG (through Christoph Miethke GmbH & Co. KG)
- Sophysa
- HPBio Próteses, Inc.
- Integra LifeSciences Holdings Corporation
- Kaneka Medix Corp.
- Medtronic
- Natus Medical Incorporated
- Spiegelberg GmbH & Co. KG

## **North America hydrocephalus shunts market Outlook**

- The pediatric segment remains a key driver due to congenital hydrocephalus cases.
- VP shunts dominate due to their reliability and lower complication risks.

- Hydrocephalus valves lead the product segment, with advancements in programmable valves.
- Hospitals remain the primary end user, given the need for specialized neurosurgical care.
- The US maintains market leadership owing to high healthcare spending and technological adoption.

### **North America hydrocephalus shunts market Strategic Insights**

Strategic insights for the North America Hydrocephalus Shunts provides data-driven analysis of the industry landscape, including current trends, key players, and regional nuances. These insights offer actionable recommendations, enabling readers to differentiate themselves from competitors by identifying untapped segments or developing unique value propositions. Leveraging data analytics, these insights help industry players anticipate the market shifts, whether investors, manufacturers, or other stakeholders. A future-oriented perspective is essential, helping stakeholders anticipate market shifts and position themselves for long-term success in this dynamic region. Ultimately, effective strategic insights empower readers to make informed decisions that drive profitability and achieve their business objectives within the market.

### **North America hydrocephalus shunts market Regional Insights**

The geographic scope of the North America Hydrocephalus Shunts refers to the specific areas in which a business operates and competes. Understanding local distinctions, such as diverse consumer preferences (e.g., demand for specific plug types or battery backup durations), varying economic conditions, and regulatory environments, is crucial for tailoring strategies to specific markets. Businesses can expand their reach by identifying underserved areas or adapting their offerings to meet local demands. A clear market focus allows for more effective resource allocation, targeted marketing campaigns, and better positioning against local competitors, ultimately driving growth in those targeted areas.

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