

Hydrocephalus Shunts Market Report by Type (Ventriculo-Peritoneal, Ventriculo-Atrial, Ventriculo-Pleural, Lumbo-Peritoneal), Product Type (Hydrocephalus Valves, Hydrocephalus Catheters), Age Group (Infants, Children, Adults), End User (Hospitals, Ambulatory Surgical Centers), and Region 2024-2032

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Abstracts

The global hydrocephalus shunts market size reached US\$ 450.9 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 623.8 Million by 2032, exhibiting a growth rate (CAGR) of 3.6% during 2024-2032.

Hydrocephalus shunts refer to a medical device used for treating a condition that occurs when fluid builds up in the brain and results in increased intracranial pressure within the skull. It is commonly available in valves, catheters, adjustable pressure valves and fixed pressure valve variants. It is a flexible tube placed into the brain area where cerebrospinal fluid (CSF) is produced. Hydrocephalus shunts consist of an inflow or proximal catheter that drains CSF from the lateral ventricles, a valve mechanism that regulates intracranial pressure by controlling fluid flow and an outflow or distal catheter that runs under the skin and directs CSF. It assists in soothing the tension on the cerebrum and returning the brain's enlarged ventricles to their actual size.

Hydrocephalus Shunts Market Trends:

The increasing prevalence of brain and neurological disorders among the masses is one of the key factors driving the growth of the market. Hydrocephalus shunts are widely used due to the rising incidence of congenital abnormalities, brain and nerve injuries, accidents leading to central nervous system (CNS) defects and lifestyle

diseases. Additionally, the increasing product demand to treat hydrocephalus among infants that could lead to enlargement of the head and damaging brain is favoring the market growth. Moreover, various technological advancements, such as the development of anti-siphon devices that assist in avoiding siphon effects over cerebrospinal fluid, are providing a thrust to the market growth. In line with this, the development of programmable valves for controlling the flow of cerebrospinal fluid and preventing it from moving in the wrong direction is positively impacting the market growth. Other factors, including significant growth in the healthcare industry, along with the implementation of various government initiatives to spread awareness regarding hydrocephalus shunts, are anticipated to drive the market toward growth further across the globe.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global hydrocephalus shunts market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on type, product type, age group and end user.

Breakup by Type:

- Ventriculo-Peritoneal
- Ventriculo-Atrial
- Ventriculo-Pleural
- Lumbo-Peritoneal

Breakup by Product Type:

- Hydrocephalus Valves
- Adjustable Pressure Valves
- Fix Pressure Valves
- Hydrocephalus Catheters

Breakup by Age Group:

- Infants
- Children
- Adults

Breakup by End User:

Hospitals
Ambulatory Surgical Centers

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Argi Group, B. Braun Melsungen AG, Christoph Miethke GmbH & Co. KG, G. Surgiwear Ltd., HLL Lifecare Limited, Integra LifeSciences, Kaneka Medix Corporation (Kaneka Corporation), Medtronic Plc, Natus Medical Incorporated, Sophysa, Spiegelberg GmbH & Co. KG (SHS Medizintechnik Holding GmbH) and TKB Corporation.

Key Questions Answered in This Report

1. What was the size of the global hydrocephalus shunts market in 2023?
2. What is the expected growth rate of the global hydrocephalus shunts market during 2024-2032?
3. What has been the impact of COVID-19 on the global hydrocephalus shunts market?
4. What are the key factors driving the global hydrocephalus shunts market?
5. What is the breakup of the global hydrocephalus shunts market based on the type?
6. What is the breakup of the global hydrocephalus shunts market based on the product type?
7. What is the breakup of the global hydrocephalus shunts market based on the age group?
8. What is the breakup of the global hydrocephalus shunts market based on the end user?
9. What are the key regions in the global hydrocephalus shunts market?
10. Who are the key players/companies in the global hydrocephalus shunts market?

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