

U.S. External Ventricular Drain Market Size, Share & Trends Analysis Report By Application (Traumatic Brain Injury, Subarachnoid Hemorrhage), By Patient Type (Pediatric, Adult), By End-use, By Country (South, West, Midwest), And Segment Forecasts, 2024 - 2030

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Abstracts

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U.S. External Ventricular Drain Market Growth & Trends

The U.S. external ventricular drain market size is anticipated to reach USD 1.2 billion by 2030, exhibiting a CAGR of 8.10% during the forecast period, according to a new report by Grand View Research, Inc. The market is driven by various factors such as novel product launches, rising healthcare expenditure, and increasing regulatory approval for EVD devices in traumatic brain injury treatment.

In this market, various stakeholders, including manufacturers, healthcare providers, and regulatory bodies, collaborate to ensure that effective and safe EVD solutions are readily available for patients recovering from different types of hemorrhage. For instance, in July 2023, Integra LifeSciences shared positive updates about the successful application of the Codman Bactiseal EVD catheter set in managing hydrocephalus, a complication often seen in patients who have experienced aneurysmal Subarachnoid Hemorrhage (aSAH). The outcomes emphasized favorable clinical & economic results associated with the use of this medical solution. This collective effort aims to enhance the overall quality of care and outcomes for individuals affected by this serious medical condition.

By placing an EVD, healthcare providers can consistently monitor the pressure inside the skull and make necessary adjustments to fluid drainage. This ongoing monitoring is essential for evaluating the patient's neurological condition and ensuring timely interventions.

U.S. External Ventricular Drain Market Report Highlights

Based on product, the traumatic brain Injury segment is expected to register the fastest CAGR of 9.50% during the forecast period. TBI can lead to intraventricular bleeding (hemorrhage), requiring the use of EVD devices to remove excess cerebrospinal fluid from the brain. This directly increases the demand for EVD devices, thereby fostering market growth.

Based on patient type, the pediatric segment is anticipated to grow at the fastest CAGR of 9.56% during the forecast period owing to the advancements in pediatric neuroimaging technologies, including CT scans & MRIs, which are improving the accuracy and timeliness of diagnosing TBIs in children.

Based on end-use, the hospital segment is expected to register the fastest CAGR of 8.32% during the forecast period. Hospitals play a crucial role in diagnosing & managing neurological disorders such as TBI, Intracranial Pressure (ICP), and hydrocephalus. Serving as pivotal centers for patient care, these facilities often possess state-of-the-art medical technology and employ a team of skilled healthcare specialists.

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