

Middle East & Africa 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 Middle East & Africa cerebrospinal fluid management market was valued at US\$ 77.06 million in 2022 and is expected to reach US\$ 95.51 million by 2030; it is estimated to grow at a CAGR of 2.7% from 2022 to 2030.

Development of Smart Cerebrospinal Fluid Shunts Fuels the Middle East & Africa Cerebrospinal Fluid Management Market

Shunts for hydrocephalus require an average of 10 revisions during the patient's lifetime. The risk of diagnosis and treatment failure, limited control options, and complications have offered various opportunities for product developers. Advancements in medical technologies have allowed companies in the cerebrospinal fluid management market to introduce "smart shunts," offering hi-tech control, diagnosis, and communication-based solutions. Smart shunts can control CSF drainage based on feedback from one or more measurement parameters inbuilt in shunt. Additionally, researchers expect that smart shunts have the potential to offer sophisticated control over mechanical operations by providing data about shunt malfunction. It is further expected to reduce the risk of shunt obstructions, eventually, lowering the chances of failures.

Late-stage product development companies operating in the cerebrospinal fluid management market demand experimental results to seek approvals and commercialize smart shunts. The primary focus is on shunts designed to assess

cerebrospinal fluid pressure noninvasively in physicians' offices or at home through an implanted pressure sensor and shunts. Hence, the ongoing technological advancements are leading to significant trends such as smart shunts in the cerebrospinal fluid management market.

Middle East & Africa Cerebrospinal Fluid Management Market Overview

The United Arab Emirates (UAE), Saudi Arabia, South Africa, and the Rest of the Middle East and South Africa region are studied. The Middle East & Africa cerebrospinal fluid management market in the Middle East & Africa is anticipated to grow due to prevalence hydrocephalus in children and increasing healthcare expenditure.

Middle East & Africa Cerebrospinal Fluid Management Market Revenue and Forecast to 2030 (US\$ Mn)

Middle East & Africa Cerebrospinal Fluid Management Market Segmentation

The Middle East & Africa cerebrospinal fluid management market is segmented into product, end user and country.

Based on product, the Middle East & Africa 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 Middle East & Africa 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 Middle East & Africa cerebrospinal fluid management market is segmented into Saudi Arabia, South Africa, UAE, and the Rest of Middle East & Africa. Saudi Arabia dominated the Middle East & Africa cerebrospinal fluid management market share in 2022.

Argi Group Health Services Ltd Sti, B. Braun SE, Integra LifeSciences Holdings Corp, Medtronic Plc, and Spiegelberg GmbH & Co KG are some of the leading companies operating in the Middle East & Africa cerebrospinal fluid management market.

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