

# Cerebrospinal Fluid (CSF) Management Market by Product (Shunts (Ventriculoperitoneal, Ventriculoatrial, Adjustable Valve), External Drainage Systems (EVD, Lumbar Drainage)), End User (Pediatric, Adult, Geriatric) - Global Forecast to 2022

https://marketpublishers.com/r/C85383056EBEN.html

Date: May 2018

Pages: 122

Price: US\$ 5,650.00 (Single User License)

ID: C85383056EBEN

# **Abstracts**

"The cerebrospinal fluid (CSF) management market is projected to grow at a CAGR of 4.4%."

The global cerebrospinal fluid (CSF) management market is projected to reach USD 1.56 billion by 2022 from an estimated USD 1.26 billion in 2017, at a CAGR of 4.4%. The high prevalence of hydrocephalus and the subsequent increase in the number of shunting procedures and the growing geriatric population are factors driving the growth of this market. The growing healthcare market in developing economies is also expected to provide growth opportunities for players in the market. However, the dearth of trained professionals and complications related to CSF shunts may challenge market growth during the forecast period to a certain extent.

"By product, the shunts segment is expected to grow at the highest CAGR during the forecast period (2017–2022)."

The market is segmented by product into shunts and external drainage systems. The shunts segment is expected to grow at highest CAGR during the forecast period. This can be attributed to growing number of shunting procedures performed worldwide as well as the increasing number of revision shunt surgeries being performed due to shunt malfunction and infection.

"By end user, the pediatric segment is expected to be the fastest growing segment



during the forecast period."

Based on end user, the global cerebrospinal fluid (CSF) management market is segmented into pediatric, adult, and geriatric end users. The pediatric segment is expected to grow at the highest CAGR during the forecast period and this growth is attributed to the high prevalence of congenital hydrocephalus along with the rising number of shunting procedures performed in the pediatric population.

"Asia Pacific to witness the highest growth during the forecast period"

Asia Pacific is expected to grow at the highest CAGR during the study period. The highest growth rate of the Asia Pacific market can be primarily attributed to high prevalence of congenital hydrocephalus in China, growing geriatric population in Japan, and increasing medical tourism in India and several RoAPAC countries.

Break of primary participants was as mentioned below:

By Company Type – Tier 1–65%, Tier 2–25% and Tier 3–10%

By Designation – C-level–30%, Director Level–48%, Others–22%

By Region – North America–48%, Europe–20%, Asia Pacific–25%, Row–7%

The key players in the global cerebrospinal fluid (CSF) management market are Medtronic (Ireland), Integra (US), B. Braun (Germany), DePuy Synthes (US), Spiegelberg GmbH & Co. KG (Germany), SOPHYSA (France), Natus Medical (US), Dispomedica GmbH (Germany), Delta Surgical Limited (UK), Argi Grup (Turkey), Moller Medical GmbH (Germany), G. SURGIWEAR LTD. (India), and Wellong Instruments Co., Ltd. (Taiwan).

# Research Coverage:

The report analyzes the cerebrospinal fluid (CSF) management market and aims at estimating the market size and future growth potential of this market based on various segments such as product, end user, and region. The report also includes the competitive analysis of key players in this market along with their company profiles, product and service offerings, recent developments, and key market strategies.



# Reasons to Buy the Report

The report can help established firms as well as new entrants/smaller firms to gauge the pulse of the market, which in turn would help them garner a greater share. Firms purchasing the report could use one or any combination of the below mentioned five strategies.

This report provides insights into the following pointers:

Market Penetration: Comprehensive information on the product portfolios of the top players in the cerebrospinal fluid (CSF) management market. The report analyzes the market based on product, end user, and region

Product Development/Innovation: Detailed insights on upcoming technologies, research and development activities, and product launches in the cerebrospinal fluid (CSF) management market

Market Development: Comprehensive information about lucrative emerging markets. The report analyzes the markets for various cerebrospinal fluid (CSF) management devices across regions

Market Diversification: Exhaustive information about products, untapped regions, recent developments, and investments in the market

Competitive Assessment: In-depth assessment of market shares, strategies, products, distribution networks, and manufacturing capabilities of the leading players in the cerebrospinal fluid (CSF) management market



# **Contents**

#### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
  - 1.3.1 MARKETS COVERED
  - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

#### **2 RESEARCH METHODOLOGY**

- 2.1 RESEARCH DESIGN
- 2.2 RESEARCH APPROACH
  - 2.2.1 SECONDARY RESEARCH
    - 2.2.1.1 Secondary sources
  - 2.2.2 PRIMARY RESEARCH
    - 2.2.2.1 Primary sources
- 2.3 MARKET SIZE ESTIMATION METHODOLOGY
- 2.4 MARKET DATA VALIDATION AND TRIANGULATION
- 2.5 ASSUMPTIONS FOR THE STUDY

#### **3 EXECUTIVE SUMMARY**

#### **4 PREMIUM INSIGHTS**

- 4.1 GLOBAL CEREBROSPINAL FLUID (CSF) MANAGEMENT MARKET: MARKET OVERVIEW
- 4.2 CEREBROSPINAL FLUID (CSF) MANAGEMENT MARKET, BY END USER AND REGION
- 4.3 GEOGRAPHIC SNAPSHOT: CEREBROSPINAL FLUID (CSF) MANAGEMENT MARKET
- 4.4 CEREBROSPINAL FLUID (CSF) MANAGEMENT MARKET, BY PRODUCT

#### **5 MARKET OVERVIEW**



#### 5.1 INTRODUCTION

- 5.1.1 DRIVERS
- 5.1.1.1 High prevalence of hydrocephalus and the subsequent increase in the number of shunting procedures
  - 5.1.1.2 Growing geriatric population
  - 5.1.2 OPPORTUNITIES
  - 5.1.2.1 Growing healthcare market in developing economies
  - 5.1.3 CHALLENGES
    - 5.1.3.1 Dearth of trained professionals
    - 5.1.3.2 Complications related to CSF shunts

# 6 CEREBROSPINAL FLUID (CSF) MANAGEMENT MARKET, BY PRODUCT

- 6.1 INTRODUCTION
- 6.2 SHUNTS
  - 6.2.1 SHUNTS MARKET, BY TYPE
    - 6.2.1.1 Ventriculoperitoneal (VP) shunts
    - 6.2.1.2 Ventriculoatrial (VA) shunts
    - 6.2.1.3 Lumboperitoneal (LP) shunts
  - 6.2.1.4 Ventriculopleural (VPL) shunts
  - 6.2.2 SHUNTS MARKET, BY VALVE TYPE
    - 6.2.2.1 Fixed valve shunts
  - 6.2.2.2 Adjustable valve shunts
- 6.3 EXTERNAL DRAINAGE SYSTEMS
  - 6.3.1 EXTERNAL VENTRICULAR DRAINAGE (EVD) SYSTEMS
  - 6.3.2 LUMBAR DRAINAGE (LD) SYSTEMS

# 7 CEREBROSPINAL FLUID MANAGEMENT MARKET, BY END USER

- 7.1 INTRODUCTION
- 7.2 PEDIATRIC END USERS
- 7.3 ADULT END USERS
- 7.4 GERIATRIC END USERS

# 8 CEREBROSPINAL FLUID MANAGEMENT MARKET, BY REGION

- 8.1 INTRODUCTION
- 8.2 NORTH AMERICA
  - 8.2.1 US



- 8.2.2 CANADA
- 8.3 EUROPE
  - 8.3.1 EU5
  - 8.3.2 ROE
- 8.4 ASIA PACIFIC
  - 8.4.1 JAPAN
  - 8.4.2 CHINA
  - 8.4.3 INDIA
  - 8.4.4 REST OF ASIA PACIFIC
- 8.5 REST OF THE WORLD

#### 9 MARKET SHARE ANALYSIS

- 9.1 INTRODUCTION
  - 9.1.1 MEDTRONIC
  - 9.1.2 DEPUY SYNTHES
  - 9.1.3 B.BRAUN
  - 9.1.4 INTEGRA
  - 9.1.5 OTHER PLAYERS

#### **10 COMPANY PROFILES**

(Introduction, Products & Services, Strategy, & Analyst Insights, Developments, MnM View)\*

- 10.1 MEDTRONIC
- 10.2 INTEGRA LIFESCIENCES HOLDINGS CORPORATION
- 10.3 B. BRAUN MELSUNGEN
- 10.4 SPIEGELBERG GMBH & CO. KG
- 10.5 SOPHYSA (A SUBSIDIARY OF TKB GROUP)
- 10.6 NATUS MEDICAL INCORPORATED
- 10.7 DISPOMEDICA GMBH
- 10.8 DELTASURGICAL
- 10.9 ARGI GRUP
- 10.10 MOLLER MEDICAL GMBH
- 10.11 G. SURGIWEAR LTD
- 10.12 WELLONG INSTRUMENTS CO., LTD

\*Details on MarketsandMarkets view, Introduction, Product & Services, Strategy, &



Analyst Insights, New Developments might not be captured in case of unlisted companies.

# 11 APPENDIX

- 11.1 DISCUSSION GUIDE
- 11.2 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL
- 11.3 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE
  - 11.3.1 FEATURES AND BENEFITS OF RT:
- 11.4 AVAILABLE CUSTOMIZATIONS
- 11.5 RELATED REPORTS
- 11.6 AUTHOR DETAILS



# **List Of Tables**

#### LIST OF TABLES

Table 1 PREVALENCE OF CONGENITAL HYDROCEPHALUS, 2012

Table 2 POPULATION AGED 60 AND ABOVE, BY REGION, 2017

Table 3 NEUROSURGERY WORKFORCE IN MAJOR COUNTRIES, 2016

Table 4 CEREBROSPINAL FLUID MANAGEMENT MARKET, BY PRODUCT,

2015–2022 (USD MILLION)

Table 5 CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY REGION, 2015–2022 (USD MILLION)

Table 6 DIFFERENCES BETWEEN THE TYPES OF CHF SHUNTS AVAILABLE IN THE MARKET

Table 7 CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 8 VENTRICULOPERITONEAL SHUNTS MARKET, BY REGION, 2015–2022 (USD MILLION)

Table 9 VENTRICULOATRIAL SHUNTS MARKET, BY REGION, 2015–2022 (USD MILLION)

Table 10 LUMBOPERITONEAL SHUNTS MARKET, BY REGION, 2015–2022 (USD MILLION)

Table 11 VENTRICULOPLEURAL SHUNTS MARKET, BY REGION, 2015–2022 (USD MILLION)

Table 12 CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY VALVE TYPE, 2015–2022 (USD MILLION)

Table 13 FIXED VALVE SHUNTS MARKET, BY REGION, 2015–2022 (USD MILLION) Table 14 ADJUSTable VALVE SHUNTS MARKET, BY REGION, 2015–2022 (USD MILLION)

Table 15 DIFFERENCES BETWEEN EXTERNAL VENTRICULAR DRAINAGE AND LUMBAR DRAINAGE SYSTEMS

Table 16 CEREBROSPINAL FLUID MANAGEMENT EXTERNAL DRAINAGE SYSTEMS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 17 CEREBROSPINAL FLUID MANAGEMENT EXTERNAL DRAINAGE SYSTEMS MARKET, BY REGION, 2015–2022 (USD MILLION)

Table 18 EXTERNAL VENTRICULAR DRAINAGE SYSTEMS MARKET, BY REGION, 2015–2022 (USD MILLION)

Table 19 LUMBAR DRAINAGE SYSTEMS MARKET, BY REGION, 2015–2022 (USD MILLION)

Table 20 CEREBROSPINAL FLUID MANAGEMENT MARKET, BY END USER,



2015-2022 (USD MILLION)

Table 21 PEDIATRIC CEREBROSPINAL FLUID MANAGEMENT MARKET, BY REGION, 2015–2022 (USD MILLION)

Table 22 ADULT CEREBROSPINAL FLUID MANAGEMENT MARKET, BY REGION, 2015–2022 (USD MILLION)

Table 23 GERIATRIC CEREBROSPINAL FLUID MANAGEMENT MARKET, BY REGION, 2015–2022 (USD MILLION)

Table 24 CEREBROSPINAL FLUID MANAGEMENT MARKET, BY REGION, 2015–2022 (USD MILLION)

Table 25 NORTH AMERICA: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY COUNTRY, 2015–2022 (USD MILLION)

Table 26 NORTH AMERICA: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY PRODUCT, 2015–2022 (USD MILLION)

Table 27 NORTH AMERICA: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 28 NORTH AMERICA: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY VALVE TYPE, 2015–2022 (USD MILLION)

Table 29 NORTH AMERICA: CEREBROSPINAL FLUID MANAGEMENT EXTERNAL DRAINAGE SYSTEMS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 30 NORTH AMERICA: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY END USER, 2015–2022 (USD MILLION)

Table 31 HYDROCEPHALUS RESEARCH PROJECTS IN THE US, 2014–2018 Table 32 US: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY PRODUCT, 2015–2022 (USD MILLION)

Table 33 US: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 34 US: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY VALVE TYPE, 2015–2022 (USD MILLION)

Table 35 US: CEREBROSPINAL FLUID MANAGEMENT EXTERNAL DRAINAGE SYSTEMS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 36 US: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY END USER, 2015–2022 (USD MILLION)

Table 37 HYDROCEPHALUS CANADA: FUNDS RAISED AND PROGRAM SPENDING, 2016

Table 38 CANADA: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY PRODUCT, 2015–2022 (USD MILLION)

Table 39 CANADA: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 40 CANADA: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY



VALVE TYPE, 2015–2022 (USD MILLION)

Table 41 CANADA: CEREBROSPINAL FLUID MANAGEMENT EXTERNAL

DRAINAGE SYSTEMS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 42 CANADA: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY END

USER, 2015–2022 (USD MILLION)

Table 43 EUROPE: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY REGION,

2015-2022 (USD MILLION)

Table 44 EUROPE: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY

PRODUCT, 2015–2022 (USD MILLION)

Table 45 EUROPE: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY

TYPE, 2015-2022 (USD MILLION)

Table 46 EUROPE: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY

VALVE TYPE, 2015–2022 (USD MILLION)

Table 47 EUROPE: CEREBROSPINAL FLUID MANAGEMENT EXTERNAL

DRAINAGE SYSTEMS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 48 EUROPE: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY END

USER, 2015-2022 (USD MILLION)

Table 49 SHUNTING PROCEDURES IN THE UK, 2010-2014

Table 50 EU5: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY PRODUCT,

2015–2022 (USD MILLION)

Table 51 EU5: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY

TYPE, 2015–2022 (USD MILLION)

Table 52 EU5: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY

VALVE TYPE, 2015–2022 (USD MILLION)

Table 53 EU5: CEREBROSPINAL FLUID MANAGEMENT EXTERNAL DRAINAGE

SYSTEMS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 54 EU5: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY END USER,

2015–2022 (USD MILLION)

Table 55 GERIATRIC POPULATION IN ROE COUNTRIES (AS A PERCENTAGE OF

THE TOTAL POPULATION)

Table 56 ROE: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY PRODUCT,

2015-2022 (USD MILLION)

Table 57 ROE: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY

TYPE, 2015–2022 (USD MILLION)

Table 58 ROE: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY

VALVE TYPE, 2015–2022 (USD MILLION)

Table 59 ROE: CEREBROSPINAL FLUID MANAGEMENT EXTERNAL DRAINAGE

SYSTEMS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 60 ROE: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY END USER,



2015-2022 (USD MILLION)

Table 61 ASIA PACIFIC: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY COUNTRY, 2015–2022 (USD MILLION)

Table 62 ASIA PACIFIC: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY PRODUCT, 2015–2022 (USD MILLION)

Table 63 ASIA PACIFIC: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 64 ASIA PACIFIC: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY VALVE TYPE, 2015–2022 (USD MILLION)

Table 65 ASIA PACIFIC: CEREBROSPINAL FLUID MANAGEMENT EXTERNAL DRAINAGE SYSTEMS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 66 ASIA PACIFIC: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY END USER, 2015–2022 (USD MILLION)

Table 67 JAPAN: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY PRODUCT, 2015–2022 (USD MILLION)

Table 68 JAPAN: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 69 JAPAN: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY VALVE TYPE, 2015–2022 (USD MILLION)

Table 70 JAPAN: CEREBROSPINAL FLUID MANAGEMENT EXTERNAL DRAINAGE SYSTEMS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 71 JAPAN: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY END USER, 2015–2022 (USD MILLION)

Table 72 CHINA: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY PRODUCT, 2015–2022 (USD MILLION)

Table 73 CHINA: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 74 CHINA: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY VALVE TYPE, 2015–2022 (USD MILLION)

Table 75 CHINA: CEREBROSPINAL FLUID MANAGEMENT EXTERNAL DRAINAGE SYSTEMS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 76 CHINA: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY END USER, 2015–2022 (USD MILLION)

Table 77 INDIA: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY PRODUCT, 2015–2022 (USD MILLION)

Table 78 INDIA: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 79 INDIA: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY VALVE TYPE, 2015–2022 (USD MILLION)



Table 80 INDIA: CEREBROSPINAL FLUID MANAGEMENT EXTERNAL DRAINAGE SYSTEMS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 81 INDIA: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY END USER, 2015–2022 (USD MILLION)

Table 82 ROAPAC: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY PRODUCT, 2015–2022 (USD MILLION)

Table 83 ROAPAC: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 84 ROAPAC: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY VALVE TYPE, 2015–2022 (USD MILLION)

Table 85 ROAPAC: CEREBROSPINAL FLUID MANAGEMENT EXTERNAL DRAINAGE SYSTEMS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 86 ROAPAC: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY END USER, 2015–2022 (USD MILLION)

Table 87 MIDDLE EAST & LATIN AMERICA: POPULATION AGED 65 YEARS & ABOVE (% OF THE TOTAL POPULATION)

Table 88 ROW: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY PRODUCT, 2015–2022 (USD MILLION)

Table 89 ROW: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 90 ROW: CEREBROSPINAL FLUID MANAGEMENT SHUNTS MARKET, BY VALVE TYPE, 2015–2022 (USD MILLION)

Table 91 ROW: CEREBROSPINAL FLUID MANAGEMENT EXTERNAL DRAINAGE SYSTEMS MARKET, BY TYPE, 2015–2022 (USD MILLION)

Table 92 ROW: CEREBROSPINAL FLUID MANAGEMENT MARKET, BY END USER, 2015–2022 (USD MILLION)



# **List Of Figures**

#### LIST OF FIGURES

Figure 1 RESEARCH DESIGN: CSF MANAGEMENT MARKET

Figure 2 CSF MANAGEMENT MARKET: RESEARCH METHODOLOGY STEPS

Figure 3 SAMPLING FRAME: PRIMARY RESEARCH

Figure 4 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE,

DESIGNATION, AND REGION

Figure 5 KEY INDUSTRY INSIGHTS

Figure 6 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 7 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 8 DATA TRIANGULATION METHODOLOGY

Figure 9 SHUNTS TO DOMINATE THE CEREBROSPINAL FLUID (CSF)

MANAGEMENT MARKET IN 2017

Figure 10 VENTRICULOPERITONEAL SEGMENT DOMINATED THE CSF SHUNTS MARKET IN 2017

Figure 11 ADJUSTable VALVE SHUNTS ACCOUNTED FOR THE LARGEST SHARE OF THE CSF SHUNTS MARKET IN 2017

Figure 12 EXTERNAL VENTRICULAR DRAINAGE TO COMMAND THE LARGEST SHARE OF EXTERNAL DRAINAGE SYSTEMS MARKET IN 2017

Figure 13 PEDIATRIC END-USER SEGMENT DOMINATED THE CEREBROSPINAL FLUID MANAGEMENT MARKET IN 2017

Figure 14 ASIA PACIFIC TO WITNESS THE HIGHEST MARKET GROWTH DURING THE FORECAST PERIOD

Figure 15 INCREASING PREVALENCE OF HYDROCEPHALUS AND GROWING GERIATRIC POPULATION ARE DRIVING MARKET GROWTH

Figure 16 PEDIATRIC END-USER SEGMENT DOMINATED THE CEREBROSPINAL FLUID (CSF) MANAGEMENT MARKET IN 2017

Figure 17 ASIA PACIFIC TO WITNESS THE HIGHEST GROWTH DURING THE FORECAST PERIOD

Figure 18 SHUNTS COMMANDED THE LARGEST MARKET SHARE IN 2017 Figure 19 CEREBROSPINAL FLUID (CSF) MANAGEMENT MARKET: DRIVERS, OPPORTUNITIES, AND CHALLENGES

Figure 20 SHUNTS DOMINATED THE CEREBROSPINAL FLUID MANAGEMENT MARKET IN 2017

Figure 21 PEDIATRIC END USERS TO DOMINATE THE CEREBROSPINAL FLUID MANAGEMENT MARKET IN 2017

Figure 22 NORTH AMERICA TO COMMAND THE LARGEST SHARE OF THE



MARKET IN 2017

Figure 23 NORTH AMERICA: CEREBROSPINAL FLUID MANAGEMENT MARKET SNAPSHOT

Figure 24 EUROPE: CEREBROSPINAL FLUID MANAGEMENT MARKET SNAPSHOT Figure 25 ASIA PACIFIC: CEREBROSPINAL FLUID MANAGEMENT MARKET SNAPSHOT

Figure 26 ROW: CSF MANAGEMENT MARKET SNAPSHOT

Figure 27 VALUE-BASED MARKET SHARES OF KEY PLAYERS, 2016

Figure 28 MEDTRONIC: COMPANY SNAPSHOT (2016)

Figure 29 INTEGRA LIFESCIENCES HOLDINGS CORPORATION: COMPANY SNAPSHOT (2017)

Figure 30 B. BRAUN MELSUNGEN: COMPANY SNAPSHOT (2017)

Figure 31 NATUS MEDICAL INCORPORATED: COMPANY SNAPSHOT (2017)



### I would like to order

Product name: Cerebrospinal Fluid (CSF) Management Market by Product (Shunts (Ventriculoperitoneal,

Ventriculoatrial, Adjustable Valve), External Drainage Systems (EVD, Lumbar Drainage)),

End User (Pediatric, Adult, Geriatric) - Global Forecast to 2022

Product link: https://marketpublishers.com/r/C85383056EBEN.html

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

Eirot nama:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/C85383056EBEN.html">https://marketpublishers.com/r/C85383056EBEN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

riist name.	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below



and fax the completed form to +44 20 7900 3970