

# **Ventral Hernia Mesh Devices Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Mesh Type (Resorbable Mesh, Partially Absorbable Mesh, Non-Resorbable Mesh), By Indication (Umbilical Hernia, Epigastric Hernia, Incisional Hernia, Others), By Procedure (Open Surgery, Laparoscopic Surgery, Robotic Surgery, Others), By End Use (Inpatient Facilities, Outpatient Facilities), By Region and Competition, 2020-2030F**

<https://marketpublishers.com/r/V9BAF6DC6EB6EN.html>

Date: June 2025

Pages: 182

Price: US\$ 4,500.00 (Single User License)

ID: V9BAF6DC6EB6EN

## **Abstracts**

### Market Overview

The Global Ventral Hernia Mesh Devices Market was valued at USD 841.06 Million in 2024 and is projected to reach USD 1375.61 Million by 2030, growing at a CAGR of 8.52% during the forecast period. The market is driven by a growing prevalence of ventral hernias, often linked to obesity, prior abdominal surgeries, and aging populations. These mesh devices play a crucial role in surgical repairs by reinforcing weakened abdominal walls and reducing the risk of recurrence.

As the demand for minimally invasive procedures increases, mesh-based repairs are increasingly preferred over traditional suture methods due to improved patient outcomes and lower complication rates. Healthcare systems are placing greater emphasis on faster recovery and long-term durability, which is contributing to the widespread adoption of advanced mesh products. Innovations in mesh design—such as lightweight, absorbable, and composite materials—are enhancing biocompatibility, surgical efficiency, and patient comfort. With rising awareness among patients and increasing

investments in research and development, the global ventral hernia mesh devices market is poised for sustained growth.

## Key Market Drivers

### Rising Prevalence of Ventral Hernias and Related Risk Factors

The increasing incidence of ventral hernias globally is a primary driver of market growth. In the United States alone, over 350,000 ventral hernia repair procedures are performed annually, underscoring the growing clinical need for effective treatment solutions. Prevalence is notably higher among individuals aged 45 and above, driven by factors such as tissue degeneration and obesity.

With approximately 600,000 repairs performed annually, as reported by the CDC, the demand for durable and reliable mesh devices is intensifying. Obesity—affecting over 40% of U.S. adults—contributes to elevated intra-abdominal pressure, further heightening the risk of hernia development. These statistics reflect a growing and persistent demand for mesh-based repair products that can provide long-term reinforcement and reduce recurrence rates.

## Key Market Challenges

### High Cost of Advanced Mesh Devices Limiting Accessibility

The high cost associated with advanced ventral hernia mesh products remains a key barrier to wider adoption, especially in low- and middle-income countries. These premium devices—often featuring bioresorbable materials or advanced composites—command elevated prices due to the use of proprietary technologies, strict regulatory requirements, and high production costs.

Hospitals operating under budget constraints and patients lacking robust insurance coverage may struggle to access these advanced solutions. In resource-limited settings, the preference often shifts toward less expensive or traditional repair methods, despite higher risks of complications. Even in developed markets, limited reimbursement for next-generation meshes can discourage surgeons from adopting the latest products, further slowing innovation diffusion and creating disparities in patient outcomes.

## Key Market Trends

## Rising Demand for Lightweight and Composite Mesh Materials

A notable trend in the ventral hernia mesh market is the shift toward lightweight and composite mesh materials that offer enhanced patient comfort and reduced post-operative complications. Conventional heavyweight meshes have been associated with adverse outcomes such as chronic pain and foreign body sensation.

Modern lightweight meshes, featuring larger pores and reduced material density, allow for better integration with host tissue and lower inflammatory responses. These design improvements contribute to more favorable healing, decreased fibrosis, and enhanced overall patient satisfaction. As surgeons seek safer, more effective solutions with fewer long-term risks, the demand for these advanced mesh materials continues to grow across both inpatient and outpatient settings.

## Key Market Players

Medtronic plc

Becton, Dickinson and Company (BD)

Meril Life Sciences Pvt. Ltd.

Novus Scientific AB

B. Braun SE

TELA Bio, Inc.

BG Medical LLC

Integra LifeSciences Corporation

W. L. Gore & Associates, Inc.

Atrium Medical

## Report Scope:

In this report, the Global Ventral Hernia Mesh Devices Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

### Ventral Hernia Mesh Devices Market, By Mesh Type:

Resorbable Mesh

Partially Absorbable Mesh

Non-Resorbable Mesh

### Ventral Hernia Mesh Devices Market, By Indication:

Umbilical Hernia

Epigastric Hernia

Incisional Hernia

Others

### Ventral Hernia Mesh Devices Market, By Procedure:

Open Surgery

Laparoscopic Surgery

Robotic Surgery

Others

### Ventral Hernia Mesh Devices Market, By End Use:

Inpatient Facilities

## Outpatient Facilities

### Ventral Hernia Mesh Devices Market, By Region:

#### North America

United States

Canada

Mexico

#### Europe

France

United Kingdom

Italy

Germany

Spain

#### Asia-Pacific

China

India

Japan

Australia

South Korea

#### South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Ventral Hernia Mesh Devices Market.

## Available Customizations:

Global Ventral Hernia Mesh Devices Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

### 1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
  - 1.2.1. Markets Covered
  - 1.2.2. Years Considered for Study
  - 1.2.3. Key Market Segmentations

### 2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

### 3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, and Trends

### 4. VOICE OF CUSTOMER

### 5. GLOBAL VENTRAL HERNIA MESH DEVICES MARKET OUTLOOK

- 5.1. Market Size & Forecast
  - 5.1.1. By Value
- 5.2. Market Share & Forecast
  - 5.2.1. By Mesh Type (Resorbable Mesh, Partially Absorbable Mesh, Non-Resorbable Mesh)
  - 5.2.2. By Indication (Umbilical Hernia, Epigastric Hernia, Incisional Hernia, Others)
  - 5.2.3. By Procedure (Open Surgery, Laparoscopic Surgery, Robotic Surgery, Others)

- 5.2.4. By End Use (Inpatient Facilities, Outpatient Facilities)
- 5.2.5. By Company (2024)
- 5.2.6. By Region
- 5.3. Market Map

## **6. NORTH AMERICA VENTRAL HERNIA MESH DEVICES MARKET OUTLOOK**

- 6.1. Market Size & Forecast
  - 6.1.1. By Value
- 6.2. Market Share & Forecast
  - 6.2.1. By Mesh Type
  - 6.2.2. By Indication
  - 6.2.3. By Procedure
  - 6.2.4. By End Use
  - 6.2.5. By Country
- 6.3. North America: Country Analysis
  - 6.3.1. United States Ventral Hernia Mesh Devices Market Outlook
    - 6.3.1.1. Market Size & Forecast
      - 6.3.1.1.1. By Value
    - 6.3.1.2. Market Share & Forecast
      - 6.3.1.2.1. By Mesh Type
      - 6.3.1.2.2. By Indication
      - 6.3.1.2.3. By Procedure
      - 6.3.1.2.4. By End Use
  - 6.3.2. Mexico Ventral Hernia Mesh Devices Market Outlook
    - 6.3.2.1. Market Size & Forecast
      - 6.3.2.1.1. By Value
    - 6.3.2.2. Market Share & Forecast
      - 6.3.2.2.1. By Mesh Type
      - 6.3.2.2.2. By Indication
      - 6.3.2.2.3. By Procedure
      - 6.3.2.2.4. By End Use
  - 6.3.3. Canada Ventral Hernia Mesh Devices Market Outlook
    - 6.3.3.1. Market Size & Forecast
      - 6.3.3.1.1. By Value
    - 6.3.3.2. Market Share & Forecast
      - 6.3.3.2.1. By Mesh Type
      - 6.3.3.2.2. By Indication
      - 6.3.3.2.3. By Procedure

#### 6.3.3.2.4. By End Use

## 7. EUROPE VENTRAL HERNIA MESH DEVICES MARKET OUTLOOK

### 7.1. Market Size & Forecast

#### 7.1.1. By Value

### 7.2. Market Share & Forecast

#### 7.2.1. By Mesh Type

#### 7.2.2. By Indication

#### 7.2.3. By Procedure

#### 7.2.4. By End Use

#### 7.2.5. By Country

### 7.3. Europe: Country Analysis

#### 7.3.1. France Ventral Hernia Mesh Devices Market Outlook

##### 7.3.1.1. Market Size & Forecast

###### 7.3.1.1.1. By Value

##### 7.3.1.2. Market Share & Forecast

###### 7.3.1.2.1. By Mesh Type

###### 7.3.1.2.2. By Indication

###### 7.3.1.2.3. By Procedure

###### 7.3.1.2.4. By End Use

#### 7.3.2. Germany Ventral Hernia Mesh Devices Market Outlook

##### 7.3.2.1. Market Size & Forecast

###### 7.3.2.1.1. By Value

##### 7.3.2.2. Market Share & Forecast

###### 7.3.2.2.1. By Mesh Type

###### 7.3.2.2.2. By Indication

###### 7.3.2.2.3. By Procedure

###### 7.3.2.2.4. By End Use

#### 7.3.3. United Kingdom Ventral Hernia Mesh Devices Market Outlook

##### 7.3.3.1. Market Size & Forecast

###### 7.3.3.1.1. By Value

##### 7.3.3.2. Market Share & Forecast

###### 7.3.3.2.1. By Mesh Type

###### 7.3.3.2.2. By Indication

###### 7.3.3.2.3. By Procedure

###### 7.3.3.2.4. By End Use

#### 7.3.4. Italy Ventral Hernia Mesh Devices Market Outlook

##### 7.3.4.1. Market Size & Forecast

- 7.3.4.1.1. By Value
- 7.3.4.2. Market Share & Forecast
  - 7.3.4.2.1. By Mesh Type
  - 7.3.4.2.2. By Indication
  - 7.3.4.2.3. By Procedure
  - 7.3.4.2.4. By End Use
- 7.3.5. Spain Ventral Hernia Mesh Devices Market Outlook
  - 7.3.5.1. Market Size & Forecast
    - 7.3.5.1.1. By Value
  - 7.3.5.2. Market Share & Forecast
    - 7.3.5.2.1. By Mesh Type
    - 7.3.5.2.2. By Indication
    - 7.3.5.2.3. By Procedure
    - 7.3.5.2.4. By End Use

## **8. ASIA-PACIFIC VENTRAL HERNIA MESH DEVICES MARKET OUTLOOK**

- 8.1. Market Size & Forecast
  - 8.1.1. By Value
- 8.2. Market Share & Forecast
  - 8.2.1. By Mesh Type
  - 8.2.2. By Indication
  - 8.2.3. By Procedure
  - 8.2.4. By End Use
  - 8.2.5. By Country
- 8.3. Asia-Pacific: Country Analysis
  - 8.3.1. China Ventral Hernia Mesh Devices Market Outlook
    - 8.3.1.1. Market Size & Forecast
      - 8.3.1.1.1. By Value
    - 8.3.1.2. Market Share & Forecast
      - 8.3.1.2.1. By Mesh Type
      - 8.3.1.2.2. By Indication
      - 8.3.1.2.3. By Procedure
      - 8.3.1.2.4. By End Use
  - 8.3.2. India Ventral Hernia Mesh Devices Market Outlook
    - 8.3.2.1. Market Size & Forecast
      - 8.3.2.1.1. By Value
    - 8.3.2.2. Market Share & Forecast
      - 8.3.2.2.1. By Mesh Type

- 8.3.2.2.2. By Indication
- 8.3.2.2.3. By Procedure
- 8.3.2.2.4. By End Use
- 8.3.3. South Korea Ventral Hernia Mesh Devices Market Outlook
  - 8.3.3.1. Market Size & Forecast
    - 8.3.3.1.1. By Value
  - 8.3.3.2. Market Share & Forecast
    - 8.3.3.2.1. By Mesh Type
    - 8.3.3.2.2. By Indication
    - 8.3.3.2.3. By Procedure
    - 8.3.3.2.4. By End Use
- 8.3.4. Japan Ventral Hernia Mesh Devices Market Outlook
  - 8.3.4.1. Market Size & Forecast
    - 8.3.4.1.1. By Value
  - 8.3.4.2. Market Share & Forecast
    - 8.3.4.2.1. By Mesh Type
    - 8.3.4.2.2. By Indication
    - 8.3.4.2.3. By Procedure
    - 8.3.4.2.4. By End Use
- 8.3.5. Australia Ventral Hernia Mesh Devices Market Outlook
  - 8.3.5.1. Market Size & Forecast
    - 8.3.5.1.1. By Value
  - 8.3.5.2. Market Share & Forecast
    - 8.3.5.2.1. By Mesh Type
    - 8.3.5.2.2. By Indication
    - 8.3.5.2.3. By Procedure
    - 8.3.5.2.4. By End Use

## **9. SOUTH AMERICA VENTRAL HERNIA MESH DEVICES MARKET OUTLOOK**

- 9.1. Market Size & Forecast
  - 9.1.1. By Value
- 9.2. Market Share & Forecast
  - 9.2.1. By Mesh Type
  - 9.2.2. By Indication
  - 9.2.3. By Procedure
  - 9.2.4. By End Use
  - 9.2.5. By Country
- 9.3. South America: Country Analysis

### 9.3.1. Brazil Ventral Hernia Mesh Devices Market Outlook

#### 9.3.1.1. Market Size & Forecast

##### 9.3.1.1.1. By Value

#### 9.3.1.2. Market Share & Forecast

##### 9.3.1.2.1. By Mesh Type

##### 9.3.1.2.2. By Indication

##### 9.3.1.2.3. By Procedure

##### 9.3.1.2.4. By End Use

### 9.3.2. Argentina Ventral Hernia Mesh Devices Market Outlook

#### 9.3.2.1. Market Size & Forecast

##### 9.3.2.1.1. By Value

#### 9.3.2.2. Market Share & Forecast

##### 9.3.2.2.1. By Mesh Type

##### 9.3.2.2.2. By Indication

##### 9.3.2.2.3. By Procedure

##### 9.3.2.2.4. By End Use

### 9.3.3. Colombia Ventral Hernia Mesh Devices Market Outlook

#### 9.3.3.1. Market Size & Forecast

##### 9.3.3.1.1. By Value

#### 9.3.3.2. Market Share & Forecast

##### 9.3.3.2.1. By Mesh Type

##### 9.3.3.2.2. By Indication

##### 9.3.3.2.3. By Procedure

##### 9.3.3.2.4. By End Use

## **10. MIDDLE EAST AND AFRICA VENTRAL HERNIA MESH DEVICES MARKET OUTLOOK**

### 10.1. Market Size & Forecast

#### 10.1.1. By Value

### 10.2. Market Share & Forecast

#### 10.2.1. By Mesh Type

#### 10.2.2. By Indication

#### 10.2.3. By Procedure

#### 10.2.4. By End Use

#### 10.2.5. By Country

### 10.3. MEA: Country Analysis

#### 10.3.1. South Africa Ventral Hernia Mesh Devices Market Outlook

##### 10.3.1.1. Market Size & Forecast

- 10.3.1.1.1. By Value
- 10.3.1.2. Market Share & Forecast
  - 10.3.1.2.1. By Mesh Type
  - 10.3.1.2.2. By Indication
  - 10.3.1.2.3. By Procedure
  - 10.3.1.2.4. By End Use
- 10.3.2. Saudi Arabia Ventral Hernia Mesh Devices Market Outlook
  - 10.3.2.1. Market Size & Forecast
    - 10.3.2.1.1. By Value
  - 10.3.2.2. Market Share & Forecast
    - 10.3.2.2.1. By Mesh Type
    - 10.3.2.2.2. By Indication
    - 10.3.2.2.3. By Procedure
    - 10.3.2.2.4. By End Use
- 10.3.3. UAE Ventral Hernia Mesh Devices Market Outlook
  - 10.3.3.1. Market Size & Forecast
    - 10.3.3.1.1. By Value
  - 10.3.3.2. Market Share & Forecast
    - 10.3.3.2.1. By Mesh Type
    - 10.3.3.2.2. By Indication
    - 10.3.3.2.3. By Procedure
    - 10.3.3.2.4. By End Use

## **11. MARKET DYNAMICS**

- 11.1. Drivers
- 11.2. Challenges

## **12. MARKET TRENDS & DEVELOPMENTS**

- 12.1. Merger & Acquisition (If Any)
- 12.2. Product Launches (If Any)
- 12.3. Recent Developments

## **13. DISRUPTIONS: CONFLICTS, PANDEMICS AND TRADE BARRIERS**

## **14. PORTERS FIVE FORCES ANALYSIS**

- 14.1. Competition in the Industry

- 14.2. Potential of New Entrants
- 14.3. Power of Suppliers
- 14.4. Power of Customers
- 14.5. Threat of Substitute Products

## **15. COMPETITIVE LANDSCAPE**

- 15.1. Medtronic plc
  - 15.1.1. Business Overview
  - 15.1.2. Company Snapshot
  - 15.1.3. Products & Services
  - 15.1.4. Financials (As Reported)
  - 15.1.5. Recent Developments
  - 15.1.6. Key Personnel Details
  - 15.1.7. SWOT Analysis
- 15.2. Becton, Dickinson and Company (BD)
- 15.3. Meril Life Sciences Pvt. Ltd.
- 15.4. Novus Scientific AB
- 15.5. B. Braun SE
- 15.6. TELA Bio, Inc.
- 15.7. BG Medical LLC
- 15.8. Integra LifeSciences Corporation
- 15.9. W. L. Gore & Associates, Inc.
- 15.10. Atrium Medical

## **16. STRATEGIC RECOMMENDATIONS**

## **17. ABOUT US & DISCLAIMER**

## I would like to order

Product name: Ventral Hernia Mesh Devices Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Mesh Type (Resorbable Mesh, Partially Absorbable Mesh, Non-Resorbable Mesh), By Indication (Umbilical Hernia, Epigastric Hernia, Incisional Hernia, Others), By Procedure (Open Surgery, Laparoscopic Surgery, Robotic Surgery, Others), By End Use (Inpatient Facilities, Outpatient Facilities), By Region and Competition, 2020-2030F

Product link: <https://marketpublishers.com/r/V9BAF6DC6EB6EN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/V9BAF6DC6EB6EN.html>