

# **Male Artificial Urinary Sphincter Market - Global Industry Size, Share, Trends, Opportunity & Forecast, Segmented By Type (AUS with a balloon reservoir (3-component), AUS with a spring (2-component)), By End-user (Hospitals, Clinics & Other Healthcare Centers, Academic & Research Centers), By Region, & Competition, 2020-2030F**

<https://marketpublishers.com/r/MEF4BBB6CE65EN.html>

Date: April 2025

Pages: 186

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

ID: MEF4BBB6CE65EN

## **Abstracts**

The global male artificial urinary sphincter market was valued at USD 253.25 million in 2024 and is expected to exhibit robust growth during the forecast period, registering a compound annual growth rate (CAGR) of 5.35% through 2030. Urinary incontinence (UI) represents a significant medical challenge with far-reaching economic and societal consequences. The rising incidence of male urinary incontinence is closely linked to an increase in urological disorders such as prostatitis-induced incontinence, nerve and muscle damage resulting from surgical interventions, infections, and other factors that impair normal bladder function.

A common underlying cause is benign prostatic hyperplasia (BPH), or prostate gland enlargement, which becomes more prevalent with advancing age. Additionally, prostatitis—an inflammation of the prostate—can also trigger incontinence. Surgical procedures, particularly those involving the pelvic region, may lead to nerve or muscle damage, further contributing to incontinence in men.

### **Key Market Drivers**

Growing Aging Population

The global healthcare sector is undergoing a profound transformation, driven by a steady rise in the aging population. Increased life expectancy has led to a surge in age-related health conditions, with urinary incontinence emerging as a major concern. In 2017, the global population aged 60 and above reached approximately 962 million—more than double the 382 million recorded in 1980. According to long-term projections, this number is expected to exceed 2.1 billion by 2050.

This demographic shift is expanding the patient base for conditions such as urinary incontinence. Data shows that around 15% of older adults living independently and nearly 50% of those in long-term care facilities suffer from significant forms of UI. The aging process leads to physiological changes—including weakened pelvic muscles and hormonal imbalances—that heighten the risk of incontinence. Moreover, age-related conditions like BPH and prostatitis are among the leading contributors.

The growing demand for enhanced quality of life among the elderly population is a key growth driver for the male artificial urinary sphincter market. Urinary incontinence can have a substantial impact on an individual's day-to-day life, often resulting in social withdrawal, emotional distress, and diminished independence. As a result, healthcare professionals are increasingly recommending artificial urinary sphincters to restore continence and improve patient well-being.

Concurrently, technological advancements have significantly enhanced the functionality, comfort, and reliability of modern male artificial urinary sphincters. These innovations offer improved control, reduced risk of complications, and enhanced ease of use—making them a more attractive solution for older patients aiming to maintain independence and dignity.

Rising healthcare expenditure, both from governments and private providers, is further fueling the adoption of advanced medical technologies. The increasing focus on senior care has led to expanded investments in healthcare infrastructure, including devices like artificial urinary sphincters, which are integral to improving patient outcomes and supporting aging populations.

## Key Market Challenges

### High Cost of Treatment

A major barrier to wider market adoption is the high cost associated with male artificial urinary sphincter implantation. The overall expense, encompassing both the surgical

procedure and the device itself, can be considerable. This financial burden is particularly challenging for patients lacking adequate insurance coverage or access to affordable healthcare services, thereby limiting market penetration in some regions.

## Key Market Trends

### Adoption of Minimally Invasive Procedures

One of the emerging trends in the market is the increasing use of minimally invasive surgical techniques for the implantation of artificial urinary sphincters. These procedures, which involve smaller incisions and minimal tissue disruption, offer several advantages, including shorter recovery times, reduced post-operative discomfort, and lower risk of complications. As these approaches continue to evolve and become more accessible, they are expected to become the standard method for device implantation, further supporting market growth.

## Key Market Players

Boston Scientific Corporation

Zephyr Surgical Implants

Affluent Medical

UroMems

Rigicon

ProMinent GmbH

Coloplast A/S

Medtronic Plc

Stryker

## Report Scope:

In this report, the Global Male Artificial Urinary Sphincter Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Male Artificial Urinary Sphincter Market, By Type:

AUS with a balloon reservoir (3-component)

AUS with a spring (2-component)

Male Artificial Urinary Sphincter Market, By End-user:

Hospitals

Clinics & Other Healthcare Centers

Academic & Research Centers

Male Artificial Urinary Sphincter Market, By Region:

North America

United States

Canada

Mexico

Europe

Germany

United Kingdom

France

Italy

Spain

Asia-Pacific

China

Japan

India

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Male Artificial Urinary Sphincter Market.

Available Customizations:

Global Male Artificial Urinary Sphincter 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, Trends

### 4. VOICE OF CUSTOMER

### 5. GLOBAL MALE ARTIFICIAL URINARY SPHINCTER MARKET OUTLOOK

- 5.1. Market Size & Forecast
  - 5.1.1. By Value
- 5.2. Market Share & Forecast
  - 5.2.1. By Type (AUS with a balloon reservoir (3-component), AUS with a spring (2-component))
  - 5.2.2. By End-user (Hospitals, Clinics & Other Healthcare Centers, Academic & Research Centers)

- 5.2.3. By Region
- 5.2.4. By Company (2024)
- 5.3. Product Market Map

## **6. NORTH AMERICA MALE ARTIFICIAL URINARY SPHINCTER MARKET OUTLOOK**

- 6.1. Market Size & Forecast
  - 6.1.1. By Value
- 6.2. Market Share & Forecast
  - 6.2.1. By Type
  - 6.2.2. By End-user
  - 6.2.3. By Country
- 6.3. North America: Country Analysis
  - 6.3.1. United States Male Artificial Urinary Sphincter 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 Type
      - 6.3.1.2.2. By End-user
  - 6.3.2. Canada Male Artificial Urinary Sphincter 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 Type
      - 6.3.2.2.2. By End-user
  - 6.3.3. Mexico Male Artificial Urinary Sphincter 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 Type
      - 6.3.3.2.2. By End-user

## **7. EUROPE MALE ARTIFICIAL URINARY SPHINCTER MARKET OUTLOOK**

- 7.1. Market Size & Forecast
  - 7.1.1. By Value
- 7.2. Market Share & Forecast
  - 7.2.1. By Type



7.2.2. By End-user

7.2.3. By Country

### 7.3. Europe: Country Analysis

#### 7.3.1. Germany Male Artificial Urinary Sphincter 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 Type

###### 7.3.1.2.2. By End-user

#### 7.3.2. United Kingdom Male Artificial Urinary Sphincter 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 Type

###### 7.3.2.2.2. By End-user

#### 7.3.3. France Male Artificial Urinary Sphincter 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 Type

###### 7.3.3.2.2. By End-user

#### 7.3.4. Italy Male Artificial Urinary Sphincter 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 Type

###### 7.3.4.2.2. By End-user

#### 7.3.5. Spain Male Artificial Urinary Sphincter 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 Type

###### 7.3.5.2.2. By End-user

## 8. ASIA-PACIFIC MALE ARTIFICIAL URINARY SPHINCTER MARKET OUTLOOK

### 8.1. Market Size & Forecast

#### 8.1.1. By Value

### 8.2. Market Share & Forecast

8.2.1. By Type

8.2.2. By End-user

8.2.3. By Country

8.3. Asia-Pacific: Country Analysis

8.3.1. China Male Artificial Urinary Sphincter 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 Type

8.3.1.2.2. By End-user

8.3.2. Japan Male Artificial Urinary Sphincter 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 Type

8.3.2.2.2. By End-user

8.3.3. India Male Artificial Urinary Sphincter 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 Type

8.3.3.2.2. By End-user

8.3.4. Australia Male Artificial Urinary Sphincter 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 Type

8.3.4.2.2. By End-user

8.3.5. South Korea Male Artificial Urinary Sphincter 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 Type

8.3.5.2.2. By End-user

## **9. SOUTH AMERICA MALE ARTIFICIAL URINARY SPHINCTER MARKET OUTLOOK**

9.1. Market Size & Forecast

- 9.1.1. By Value
- 9.2. Market Share & Forecast
  - 9.2.1. By Type
  - 9.2.2. By End-user
  - 9.2.3. By Country
- 9.3. South America: Country Analysis
  - 9.3.1. Brazil Male Artificial Urinary Sphincter 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 Type
      - 9.3.1.2.2. By End-user
  - 9.3.2. Argentina Male Artificial Urinary Sphincter 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 Type
      - 9.3.2.2.2. By End-user
  - 9.3.3. Colombia Male Artificial Urinary Sphincter 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 Type
      - 9.3.3.2.2. By End-user

## **10. MIDDLE EAST AND AFRICA MALE ARTIFICIAL URINARY SPHINCTER MARKET OUTLOOK**

- 10.1. Market Size & Forecast
  - 10.1.1. By Value
- 10.2. Market Share & Forecast
  - 10.2.1. By Type
  - 10.2.2. By End-user
  - 10.2.3. By Country
- 10.3. MEA: Country Analysis
  - 10.3.1. South Africa Male Artificial Urinary Sphincter 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 Type
- 10.3.1.2.2. By End-user
- 10.3.2. Saudi Arabia Male Artificial Urinary Sphincter 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 Type
    - 10.3.2.2.2. By End-user
- 10.3.3. UAE Male Artificial Urinary Sphincter 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 Type
    - 10.3.3.2.2. By End-user
- 10.3.4. Kuwait Male Artificial Urinary Sphincter Market Outlook
  - 10.3.4.1. Market Size & Forecast
    - 10.3.4.1.1. By Value
  - 10.3.4.2. Market Share & Forecast
    - 10.3.4.2.1. By Type
    - 10.3.4.2.2. By End-user

## **11. MARKET DYNAMICS**

- 11.1. Drivers
- 11.2. Challenges

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

- 12.1. Recent Development
- 12.2. Mergers & Acquisitions
- 12.3. Product Launches

## **13. PORTER'S FIVE FORCES ANALYSIS**

- 13.1. Competition in the Industry
- 13.2. Potential of New Entrants
- 13.3. Power of Suppliers
- 13.4. Power of Customers
- 13.5. Threat of Substitute Products

## **14. COMPETITIVE LANDSCAPE**

### **14.1. Boston Scientific Corporation**

14.1.1. Business Overview

14.1.2. Product & Service Offerings

14.1.3. Recent Developments

14.1.4. Financials (If Listed)

14.1.5. Key Personnel

14.1.6. SWOT Analysis

### **14.2. Zephyr Surgical Implants**

### **14.3. Affluent Medical**

### **14.4. UroMems**

### **14.5. Rigicon**

### **14.6. ProMinent GmbH**

### **14.7. Coloplast A/S**

### **14.8. Medtronic Plc**

### **14.9. Stryker**

## **15. STRATEGIC RECOMMENDATIONS**

## **16. ABOUT US & DISCLAIMER**

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