

## **Surgical Retractor Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)**

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### **Report description:**

The surgical retractors market is expected to register a CAGR of 7.1% over the forecast period.

The COVID-19 pandemic resulted in the cancellation of many surgeries, which had a temporary impact on the market. Surgical procedures were delayed, and the number of surgical procedures decreased. According to a study published in December 2021 by JAMA Network Open, the overall rate of surgical procedures decreased by 48.0% during the initial shutdown of elective procedures compared to the same period in 2019 in the United States. This decline in surgical procedures led to decreased demand for surgical retractors. The selection of patients for urgent surgery during the pandemic was vital to ensure that patients had post-operative reserves to combat any possibility of being infected with COVID-19. Thus, the reduction in the number of surgical procedures during the COVID-19 pandemic affected the market's growth. However, the postponed surgeries resumed worldwide, which has been driving the market's growth during the post-pandemic period.

The number of surgical procedures due to trauma, hip and knee replacements, and chronic diseases such as cardiovascular diseases where surgery is mandatory is growing. This is the primary growth factor for the surgical retractor market. For instance, as per the research study published in June 2021 by the Journal of Thoracic and Cardiovascular Surgery, a total of 92,809 operations were classified as heart surgery procedures in the classical sense, of which 29,444 were isolated coronary artery bypass grafting procedures, 35,469 were isolated heart valve procedures, and the number of isolated heart transplantations increased by 2% to 340 in 2020. Hence, the high number of heart procedures and operations being performed is expected to boost the growth of the surgical retractors market during the forecast period.

The consistent rise in the geriatric population may boost the market's growth. According to the WHO updates from October 2022, one out of every six people on the planet will be 60 years of age or older by 2030. The number of people aged 60 and up is

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expected to rise from 1 billion in 2020 to 1.4 billion by 2050. By 2050, the global population of people aged 60 and above will have doubled to reach 2.1 billion. During 2020-2050, the number of people aged 80 and above is expected to triple, reaching 426 million. Since this age group is more vulnerable to chronic disorders and surgeries, the growing geriatric populace across the world is expected to boost the market's growth. An increase in organ transplants may support the market's growth. According to the data published by the HSRA in March 2022, about 40,000 organ transplants were performed in the United States in 2021. In addition, 26,670 kidney transplants and 9,236 live transplants were performed in the United States in 2021.

Various initiatives taken by the key market players, such as product launches, mergers, acquisitions, and partnerships, are expected to boost the market's growth during the forecast period. In April 2021, Medtronic PLC formed a partnership to interface Surgical Theater's SyncAR augmented reality (AR) technology with Medtronic's StealthStation S8 surgical navigation system. This collaboration will enable neurosurgeons to use AR technology in real-time to enhance visualization during complex cranial procedures and possibly the placement of retractors and other surgical instruments during surgeries.

The above-mentioned factors are expected to drive the market's growth across the world. However, the lack of sufficient reimbursement and the increasing preference for minimally invasive surgery are expected to hamper the growth of the surgical retractor market during the forecast period.

### Surgical Retractors Market Trends

#### Orthopedic Retractors Segment is Expected to Hold a Major Share

By application, the orthopedic retractors segment is anticipated to register a significant CAGR due to the growing number of orthopedic procedures. Factors such as the growing geriatric population, the rising number of accidents leading to permanent orthopedic ailments, and hip and knee replacement procedures around the world are driving the segment's growth.

According to the data published by the National Highway Traffic Safety Administration in May 2022, traffic fatalities increased by 10.5% in 2021 from 2020. Fatalities on urban roads increased from 57.0% in March 2020 to 62.0% in March 2021, registering a growth of 5.0%. According to the data published by the WHO in June 2022, road traffic injuries are one of the leading causes of death among young adults (aged 5 to 29 years) and children. Around 93.0% of the world's fatalities mostly occur in middle- and low-income countries. The increase in accident cases has increased the number of amputations across the world. For instance, according to the article published by the National Library of Medicine in January 2022, the prevalence of amputations was 1.6 million in 2005, which is expected to double by 2050. One of the major causes of upper limb amputations is trauma, which accounts for almost 80.0% of acquired amputations. Surgical retractors are commonly used for amputation surgery. Such instances are anticipated to drive the segment's growth over the forecast period.

The above-mentioned factors are anticipated to propel the demand for orthopedic surgical retractors, driving the segment's growth during the forecast period.

#### North America is Expected to Hold a Significant Share in the Market and Expected to do Same in the Forecast Period

North America is expected to dominate the market over the forecast period. In North America, the United States held a significant share of the market due to the increasing geriatric population, a large patient population, and a growing number of various surgical procedures. Growth in the number of surgeries, such as gynecological, abdominal, cardiothoracic, and orthopedic surgeries, is expected to boost the demand for surgical retractors during the forecast period.

According to the April 2021 data of the University of Alabama at Birmingham, every year, 350,000 CABG surgeries are performed in the United States. The rising prevalence of cardiovascular disorders and obesity rates is attributed to the market's growth in

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this region. For instance, according to the CDC's 2022 update, 18.2 million adults had coronary artery disease, and approximately 70% of these patients underwent surgery. The United States records nearly 35 million hospital stays each year. Hence, this rise in hospital stays and surgeries is expected to drive the market's growth. The increasing number of injuries due to road accidents in the United States resulted in increased surgical procedures, thereby increasing the usage of surgical retractors. According to the data published in March 2022 by ASIRT, annually, 4.4 million Americans are injured seriously enough to require medical attention in the United States.

According to a study published in November 2021 by Surgical Endoscopy, laparoscopic cholecystectomy is the most common abdominal surgical treatment in the United States, with over 750,000 procedures performed annually. These procedures use surgical retractors, which is expected to boost the market's growth in the country.

Thus, the aforementioned factors are expected to boost the market's growth in North America over the forecast period.

### Surgical Retractors Market Competitor Analysis

The surgical retractors market is highly fragmented and competitive. Market players focus on new product launches, innovations, and geographical expansion to strengthen their market share. The key market players include Johnson & Johnson (Ethicon), Becton, Dickinson and Company, B. Braun Melsungen AG, Medtronic Plc, and Cook Group Incorporated, among others.

Additional Benefits:

The market estimate (ME) sheet in Excel format  
3 months of analyst support

#### **Table of Contents:**

#### 1 INTRODUCTION

##### 1.1 Study Assumptions and Market Definition

##### 1.2 Scope of the Study

#### 2 RESEARCH METHODOLOGY

#### 3 EXECUTIVE SUMMARY

#### 4 MARKET DYNAMICS

##### 4.1 Market Overview

##### 4.2 Market Drivers

###### 4.2.1 Growing Number of Surgical Procedures Worldwide

###### 4.2.2 Increasing Geriatric Population and Lifestyle Related Diseases

##### 4.3 Market Restraints

###### 4.3.1 Lack of Sufficient Reimbursement

###### 4.3.2 Increasing Preference Towards Minimally Invasive Surgery

##### 4.4 Porter's Five Force Analysis

###### 4.4.1 Threat of New Entrants

###### 4.4.2 Bargaining Power of Buyers/Consumers

###### 4.4.3 Bargaining Power of Suppliers

###### 4.4.4 Threat of Substitute Products

###### 4.4.5 Intensity of Competitive Rivalry

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## 5 MARKET SEGMENTATION (Market Size by Value - USD million)

### 5.1 By Type

#### 5.1.1 Hand Held

#### 5.1.2 Self Retaining

### 5.2 By Application

#### 5.2.1 Orthopedic Retractors

#### 5.2.2 Abdominal Retractors

#### 5.2.3 Cardiothoracic Retractors

#### 5.2.4 Obstetric or Gynaecological Retractors

#### 5.2.5 Other Applications

### 5.3 By End User

#### 5.3.1 Hospitals

#### 5.3.2 Ambulatory Surgical Centers

### 5.4 Geography

#### 5.4.1 North America

##### 5.4.1.1 United States

##### 5.4.1.2 Canada

##### 5.4.1.3 Mexico

#### 5.4.2 Europe

##### 5.4.2.1 Germany

##### 5.4.2.2 United Kingdom

##### 5.4.2.3 France

##### 5.4.2.4 Italy

##### 5.4.2.5 Spain

##### 5.4.2.6 Rest of Europe

#### 5.4.3 Asia-Pacific

##### 5.4.3.1 China

##### 5.4.3.2 Japan

##### 5.4.3.3 India

##### 5.4.3.4 Australia

##### 5.4.3.5 South Korea

##### 5.4.3.6 Rest of Asia-Pacific

#### 5.4.4 Middle East

##### 5.4.4.1 GCC

##### 5.4.4.2 South Africa

##### 5.4.4.3 Rest of Middle East

#### 5.4.5 South America

##### 5.4.5.1 Brazil

##### 5.4.5.2 Argentina

##### 5.4.5.3 Rest of South America

## 6 COMPETITIVE LANDSCAPE

### 6.1 Company Profiles

#### 6.1.1 Johnson and Johnson (Ethicon)

#### 6.1.2 Becton, Dickinson and Company

#### 6.1.3 B. Braun Melsungen AG

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- 6.1.4 Medtronic PLC
- 6.1.5 Cook Group Incorporated
- 6.1.6 Safe Orthopaedics
- 6.1.7 OBP Medical Corporation
- 6.1.8 Teleflex Incorporated
- 6.1.9 Medline Industries
- 6.1.10 BR Surgical

## 7 MARKET OPPORTUNITIES AND FUTURE TRENDS

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