

# Motion Preservation Devices Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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## Abstracts

The global motion preservation devices market size reached US\$ 1.6 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 2.3 Billion by 2027, exhibiting a growth rate (CAGR) of 6.52% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

Motion preservation devices are utilized in the treatment of several spine conditions without fusion. They provide stabilization and eliminate pain while preserving the motion of the functional spinal unit. They mainly comprise total disc replacement (TDR), prosthetic nucleus replacement, posterior dynamic devices, and facet replacement, which are used for different purposes. For example, TDRs find application in the complete removal of the disc, while prosthetic nucleus replacements necessitate evacuation of the nucleus pulposus through an annulotomy. Nowadays, a shift towards motion-sparing technology over fusion-type procedures is resulting in the increasing development of innovative motion-preserving devices.

### Motion Preservation Devices Market Trends:

A wide variety of motion preservation devices are used as treatment alternatives or adjuncts for patients suffering from pain and loss of function caused by back issues. This, in confluence with the rising prevalence of spine problems on account of smoking, obesity, and sedentary lifestyles, represents one of the major factors driving the market. In addition, the growing geriatric population is resulting in a significant increase in the number of surgeries utilized for treating symptoms of lumbar spinal stenosis, degenerative disc disease, and facet pain from osteoarthritis. This is positively

influencing the demand for motion preservation devices across the globe. Apart from this, several leading companies are introducing next-generation devices with advanced technology, which is creating a positive outlook for the market. For instance, Aesculap, Inc., a US-based healthcare company, launched the activL artificial disc with intelligent motion technology. It is a third-generation motion preservation device for degenerative disc disease (DDD) patients, which resembles the natural biomechanics of the healthy human spine and significantly reduces the impact on adjacent level anatomy.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global motion preservation devices market report, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on product, surgery and end user.

#### Breakup by Product:

- Dynamic Stabilization Devices
- Interspinous Process Spacers
- Pedicle Screw-Based Systems
- Facet Replacement Products
- Artificial Discs Replacement Devices
- Artificial Cervical Discs
- Artificial Lumbar Discs
- Annulus Repair Devices
- Nuclear Disc Prostheses Devices

#### Breakup by Surgery:

- Open Spine Surgery
- Minimally Invasive Spine Surgery

#### Breakup by End User:

- Hospitals
- Orthopedic Clinics
- Ambulatory Surgical Centers (ASCs)
- Others

## Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

## Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Aurora Spine Inc, B. Braun Melsungen AG, Globus Medical, HPI Implants, Johnson & Johnson Private Limited, Medtronic, NuVasive Inc., Orthofix Medical Inc, Surgalign, ulrich GmbH & Company KG and Zimmer Biomet.

## Key Questions Answered in This Report:

How has the global motion preservation devices market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global motion preservation devices market?

What are the key regional markets?

What is the breakup of the market based on the product?

What is the breakup of the market based on the surgery?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global motion preservation devices market and who are the key players?

What is the degree of competition in the industry?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### **3 EXECUTIVE SUMMARY**

### **4 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL MOTION PRESERVATION DEVICES MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY PRODUCT**

- 6.1 Dynamic Stabilization Devices
  - 6.1.1 Market Trends
  - 6.1.2 Key Segments
    - 6.1.2.1 Interspinous Process Spacers
    - 6.1.2.2 Pedicle Screw-Based Systems
    - 6.1.2.3 Facet Replacement Products
  - 6.1.3 Market Forecast

## 6.2 Artificial Discs Replacement Devices

### 6.2.1 Market Trends

### 6.2.2 Key Segments

#### 6.2.2.1 Artificial Cervical Discs

#### 6.2.2.2 Artificial Lumbar Discs

### 6.2.3 Market Forecast

## 6.3 Annulus Repair Devices

### 6.3.1 Market Trends

### 6.3.2 Market Forecast

## 6.4 Nuclear Disc Prostheses Devices

### 6.4.1 Market Trends

### 6.4.2 Market Forecast

## **7 MARKET BREAKUP BY SURGERY**

### 7.1 Open Spine Surgery

#### 7.1.1 Market Trends

#### 7.1.2 Market Forecast

### 7.2 Minimally Invasive Spine Surgery

#### 7.2.1 Market Trends

#### 7.2.2 Market Forecast

## **8 MARKET BREAKUP BY END USER**

### 8.1 Hospitals

#### 8.1.1 Market Trends

#### 8.1.2 Market Forecast

### 8.2 Orthopedic Clinics

#### 8.2.1 Market Trends

#### 8.2.2 Market Forecast

### 8.3 Ambulatory Surgical Centers (ASCs)

#### 8.3.1 Market Trends

#### 8.3.2 Market Forecast

### 8.4 Others

#### 8.4.1 Market Trends

#### 8.4.2 Market Forecast

## **9 MARKET BREAKUP BY REGION**

## 9.1 North America

### 9.1.1 United States

#### 9.1.1.1 Market Trends

#### 9.1.1.2 Market Forecast

### 9.1.2 Canada

#### 9.1.2.1 Market Trends

#### 9.1.2.2 Market Forecast

## 9.2 Asia-Pacific

### 9.2.1 China

#### 9.2.1.1 Market Trends

#### 9.2.1.2 Market Forecast

### 9.2.2 Japan

#### 9.2.2.1 Market Trends

#### 9.2.2.2 Market Forecast

### 9.2.3 India

#### 9.2.3.1 Market Trends

#### 9.2.3.2 Market Forecast

### 9.2.4 South Korea

#### 9.2.4.1 Market Trends

#### 9.2.4.2 Market Forecast

### 9.2.5 Australia

#### 9.2.5.1 Market Trends

#### 9.2.5.2 Market Forecast

### 9.2.6 Indonesia

#### 9.2.6.1 Market Trends

#### 9.2.6.2 Market Forecast

### 9.2.7 Others

#### 9.2.7.1 Market Trends

#### 9.2.7.2 Market Forecast

## 9.3 Europe

### 9.3.1 Germany

#### 9.3.1.1 Market Trends

#### 9.3.1.2 Market Forecast

### 9.3.2 France

#### 9.3.2.1 Market Trends

#### 9.3.2.2 Market Forecast

### 9.3.3 United Kingdom

#### 9.3.3.1 Market Trends

#### 9.3.3.2 Market Forecast

### 9.3.4 Italy

#### 9.3.4.1 Market Trends

#### 9.3.4.2 Market Forecast

### 9.3.5 Spain

#### 9.3.5.1 Market Trends

#### 9.3.5.2 Market Forecast

### 9.3.6 Russia

#### 9.3.6.1 Market Trends

#### 9.3.6.2 Market Forecast

### 9.3.7 Others

#### 9.3.7.1 Market Trends

#### 9.3.7.2 Market Forecast

## 9.4 Latin America

### 9.4.1 Brazil

#### 9.4.1.1 Market Trends

#### 9.4.1.2 Market Forecast

### 9.4.2 Mexico

#### 9.4.2.1 Market Trends

#### 9.4.2.2 Market Forecast

### 9.4.3 Others

#### 9.4.3.1 Market Trends

#### 9.4.3.2 Market Forecast

## 9.5 Middle East and Africa

### 9.5.1 Market Trends

### 9.5.2 Market Breakup by Country

### 9.5.3 Market Forecast

## 10 SWOT ANALYSIS

### 10.1 Overview

### 10.2 Strengths

### 10.3 Weaknesses

### 10.4 Opportunities

### 10.5 Threats

## 11 VALUE CHAIN ANALYSIS

## 12 PORTERS FIVE FORCES ANALYSIS



- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

## **13 PRICE ANALYSIS**

## **14 COMPETITIVE LANDSCAPE**

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
  - 14.3.1 Aurora Spine Inc
    - 14.3.1.1 Company Overview
    - 14.3.1.2 Product Portfolio
  - 14.3.2 B. Braun Melsungen AG
    - 14.3.2.1 Company Overview
    - 14.3.2.2 Product Portfolio
    - 14.3.2.3 SWOT Analysis
  - 14.3.3 Globus Medical
    - 14.3.3.1 Company Overview
    - 14.3.3.2 Product Portfolio
    - 14.3.3.3 Financials
    - 14.3.3.4 SWOT Analysis
  - 14.3.4 HPI Implants
    - 14.3.4.1 Company Overview
    - 14.3.4.2 Product Portfolio
  - 14.3.5 Johnson & Johnson Private Limited
    - 14.3.5.1 Company Overview
    - 14.3.5.2 Product Portfolio
    - 14.3.5.3 Financials
    - 14.3.5.4 SWOT Analysis
  - 14.3.6 Medtronic
    - 14.3.6.1 Company Overview
    - 14.3.6.2 Product Portfolio
    - 14.3.6.3 Financials
    - 14.3.6.4 SWOT Analysis

- 14.3.7 NuVasive Inc.
  - 14.3.7.1 Company Overview
  - 14.3.7.2 Product Portfolio
  - 14.3.7.3 Financials
  - 14.3.7.4 SWOT Analysis
- 14.3.8 Orthofix Medical Inc
  - 14.3.8.1 Company Overview
  - 14.3.8.2 Product Portfolio
  - 14.3.8.3 Financials
  - 14.3.8.4 SWOT Analysis
- 14.3.9 Surgalign
  - 14.3.9.1 Company Overview
  - 14.3.9.2 Product Portfolio
- 14.3.10 ulrich GmbH & Company KG
  - 14.3.10.1 Company Overview
  - 14.3.10.2 Product Portfolio
- 14.3.11 Zimmer Biomet
  - 14.3.11.1 Company Overview
  - 14.3.11.2 Product Portfolio
  - 14.3.11.3 Financials
  - 14.3.11.4 SWOT Analysis

## List Of Tables

### LIST OF TABLES

Table 1: Global: Motion Preservation Devices Market: Key Industry Highlights, 2021 and 2027

Table 2: Global: Motion Preservation Devices Market Forecast: Breakup by Product (in Million US\$), 2022-2027

Table 3: Global: Motion Preservation Devices Market Forecast: Breakup by Surgery (in Million US\$), 2022-2027

Table 4: Global: Motion Preservation Devices Market Forecast: Breakup by End User (in Million US\$), 2022-2027

Table 5: Global: Motion Preservation Devices Market Forecast: Breakup by Region (in Million US\$), 2022-2027

Table 6: Global: Motion Preservation Devices Market: Competitive Structure

Table 7: Global: Motion Preservation Devices Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Motion Preservation Devices Market: Major Drivers and Challenges

Figure 2: Global: Motion Preservation Devices Market: Sales Value (in Billion US\$), 2016-2021

Figure 3: Global: Motion Preservation Devices Market Forecast: Sales Value (in Billion US\$), 2022-2027

Figure 4: Global: Motion Preservation Devices Market: Breakup by Product (in %), 2021

Figure 5: Global: Motion Preservation Devices Market: Breakup by Surgery (in %), 2021

Figure 6: Global: Motion Preservation Devices Market: Breakup by End User (in %), 2021

Figure 7: Global: Motion Preservation Devices Market: Breakup by Region (in %), 2021

Figure 8: Global: Motion Preservation Devices (Dynamic Stabilization Devices) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 9: Global: Motion Preservation Devices (Dynamic Stabilization Devices) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 10: Global: Motion Preservation Devices (Artificial Discs Replacement Devices) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 11: Global: Motion Preservation Devices (Artificial Discs Replacement Devices) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 12: Global: Motion Preservation Devices (Annulus Repair Devices) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 13: Global: Motion Preservation Devices (Annulus Repair Devices) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 14: Global: Motion Preservation Devices (Nuclear Disc Prostheses Devices) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 15: Global: Motion Preservation Devices (Nuclear Disc Prostheses Devices) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 16: Global: Motion Preservation Devices (Open Spine Surgery) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 17: Global: Motion Preservation Devices (Open Spine Surgery) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 18: Global: Motion Preservation Devices (Minimally Invasive Spine Surgery) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 19: Global: Motion Preservation Devices (Minimally Invasive Spine Surgery) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 20: Global: Motion Preservation Devices (Hospitals) Market: Sales Value (in

Million US\$), 2016 & 2021

Figure 21: Global: Motion Preservation Devices (Hospitals) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 22: Global: Motion Preservation Devices (Orthopedic Clinics) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 23: Global: Motion Preservation Devices (Orthopedic Clinics) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 24: Global: Motion Preservation Devices (Ambulatory Surgical Centers-ASCs) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 25: Global: Motion Preservation Devices (Ambulatory Surgical Centers-ASCs) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 26: Global: Motion Preservation Devices (Other End Users) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 27: Global: Motion Preservation Devices (Other End Users) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 28: North America: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 29: North America: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 30: United States: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 31: United States: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 32: Canada: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 33: Canada: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 34: Asia-Pacific: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 35: Asia-Pacific: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 36: China: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 37: China: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 38: Japan: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 39: Japan: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 40: India: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 41: India: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 42: South Korea: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 43: South Korea: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 44: Australia: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 45: Australia: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 46: Indonesia: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 47: Indonesia: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 48: Others: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 49: Others: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 50: Europe: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 51: Europe: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 52: Germany: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 53: Germany: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 54: France: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 55: France: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 56: United Kingdom: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 57: United Kingdom: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 58: Italy: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 59: Italy: Motion Preservation Devices Market Forecast: Sales Value (in Million

US\$), 2022-2027

Figure 60: Spain: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 61: Spain: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 62: Russia: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 63: Russia: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 64: Others: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 65: Others: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 66: Latin America: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 67: Latin America: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 68: Brazil: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 69: Brazil: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 70: Mexico: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 71: Mexico: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 72: Others: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 73: Others: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 74: Middle East and Africa: Motion Preservation Devices Market: Sales Value (in Million US\$), 2016 & 2021

Figure 75: Middle East and Africa: Motion Preservation Devices Market: Breakup by Country (in %), 2021

Figure 76: Middle East and Africa: Motion Preservation Devices Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 77: Global: Motion Preservation Devices Industry: SWOT Analysis

Figure 78: Global: Motion Preservation Devices Industry: Value Chain Analysis

Figure 79: Global: Motion Preservation Devices Industry: Porter's Five Forces Analysis

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