

# Artificial Disc Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

### Market Overview:

The global artificial disc market size reached US\$ 2.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 7.3 Billion by 2028, exhibiting a growth rate (CAGR) of 18.3% during 2023-2028.

An artificial disc is an arthroplasty device that is implanted into the lumbar or cervical spine to imitate the function of damaged intervertebral discs. It is composed of two endplates that are generally made using medical-grade polyethylene, cobalt-chromium or titanium alloy. It is soft and compressible and helps relieve back pain while retaining movement and flexibility. Nowadays, artificial disc replacement, also known as arthroplasty, is gaining traction over fusion surgical procedures across various regions. Its eligibility is determined by doctors using several tests, such as X-rays, discography, computed tomography (CT) scans and magnetic resonance imaging (MRI).

### Artificial Disc Market Trends:

The rising prevalence of degenerative disc disease (DDD), along with the growing geriatric population and increasing adoption of minimally invasive surgery (MIS), represents one of the key factors impelling the global artificial disc market growth. Moreover, rising awareness about the benefits of arthroplasty, along with reimbursements provided by insurance companies, is escalating the demand for artificial discs. Apart from this, governments of several countries are improving healthcare infrastructure and encouraging medical tourism, which represents another growth-inducing factor bolstering the market growth. However, due to the mass spread of the coronavirus disease (COVID-19), governments of numerous countries have

imposed lockdowns and are encouraging social distancing measures. As a result, several medical centers have postponed non-essential arthroplasty procedures, which has impacted the market growth.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global artificial disc market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on disc type, material type and end user.

#### Breakup by Disc Type:

- Cervical Artificial Disc
- Lumbar Artificial Disc

#### Breakup by Material Type:

- Metal on Polymer
- Metal on Metal

#### Breakup by End User:

- Hospitals and Clinics
- Ambulatory Surgery Centers
- 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 report has also analysed the competitive landscape of the market with some of the key players being B. Braun Melsungen Aktiengesellschaft (B. Braun Holding GmbH & Co. KG), Depuy Synthes Inc. (Johnson & Johnson), Globus Medical Inc., Medtronic plc, Nuvasive Inc., Orthofix Medical Inc., Paradigm Spine LLC (RTI Surgical Holdings Inc.), Smith & Nephew Plc, Stryker Corporation and Zimmer Biomet Holdings Inc.

Key Questions Answered in This Report:

How has the global artificial disc market performed so far and how will it perform in the coming years?

- What has been the impact of COVID-19 on the global artificial disc market?
- What are the key regional markets?
- What is the breakup of the market based on the disc type?
- What is the breakup of the market based on the material type?
- 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 artificial disc 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 ARTIFICIAL DISC MARKET**

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

### **6 MARKET BREAKUP BY DISC TYPE**

- 6.1 Cervical Artificial Disc
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Lumbar Artificial Disc
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast

## **7 MARKET BREAKUP BY MATERIAL TYPE**

### 7.1 Metal on Polymer

#### 7.1.1 Market Trends

#### 7.1.2 Market Forecast

### 7.2 Metal on Metal

#### 7.2.1 Market Trends

#### 7.2.2 Market Forecast

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

### 8.1 Hospitals and Clinics

#### 8.1.1 Market Trends

#### 8.1.2 Market Forecast

### 8.2 Ambulatory Surgery Centers

#### 8.2.1 Market Trends

#### 8.2.2 Market Forecast

### 8.3 Others

#### 8.3.1 Market Trends

#### 8.3.2 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 B. Braun Melsungen Aktiengesellschaft (B. Braun Holding GmbH & Co. KG)

##### 14.3.1.1 Company Overview



- 14.3.1.2 Product Portfolio
- 14.3.1.3 Financials
- 14.3.1.4 SWOT Analysis
- 14.3.2 Depuy Synthes Inc. (Johnson & Johnson)
  - 14.3.2.1 Company Overview
  - 14.3.2.2 Product Portfolio
- 14.3.3 Globus Medical Inc.
  - 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 Medtronic Plc
  - 14.3.4.1 Company Overview
  - 14.3.4.2 Product Portfolio
  - 14.3.4.3 Financials
  - 14.3.4.4 SWOT Analysis
- 14.3.5 Nuvasive Inc.
  - 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 Orthofix Medical Inc.
  - 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 Paradigm Spine LLC (RTI Surgical Holdings Inc.)
  - 14.3.7.1 Company Overview
  - 14.3.7.2 Product Portfolio
- 14.3.8 Smith & Nephew plc
  - 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 Stryker Corporation
  - 14.3.9.1 Company Overview
  - 14.3.9.2 Product Portfolio
  - 14.3.9.3 Financials
  - 14.3.9.4 SWOT Analysis

#### 14.3.10 Zimmer Biomet Holdings Inc.

14.3.10.1 Company Overview

14.3.10.2 Product Portfolio

14.3.10.3 Financials

14.3.10.4 SWOT Analysis

## List Of Tables

### LIST OF TABLES

Table 1: Global: Artificial Disc Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Artificial Disc Market Forecast: Breakup by Disc Type (in Million US\$), 2023-2028

Table 3: Global: Artificial Disc Market Forecast: Breakup by Material Type (in Million US\$), 2023-2028

Table 4: Global: Artificial Disc Market Forecast: Breakup by End User (in Million US\$), 2023-2028

Table 5: Global: Artificial Disc Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Artificial Disc Market Structure

Table 7: Global: Artificial Disc Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Artificial Disc Market: Major Drivers and Challenges

Figure 2: Global: Artificial Disc Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Artificial Disc Market: Breakup by Disc Type (in %), 2022

Figure 4: Global: Artificial Disc Market: Breakup by Material Type (in %), 2022

Figure 5: Global: Artificial Disc Market: Breakup by End User (in %), 2022

Figure 6: Global: Artificial Disc Market: Breakup by Region (in %), 2022

Figure 7: Global: Artificial Disc Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 8: Global: Artificial Disc (Cervical Artificial Disc) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Artificial Disc (Cervical Artificial Disc) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Artificial Disc (Lumbar Artificial Disc) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Artificial Disc (Lumbar Artificial Disc) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Artificial Disc (Metal on Polymer) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Artificial Disc (Metal on Polymer) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Artificial Disc (Metal on Metal) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Artificial Disc (Metal on Metal) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Artificial Disc (Hospitals and Clinics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Artificial Disc (Hospitals and Clinics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Artificial Disc (Ambulatory Surgery Centers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Artificial Disc (Ambulatory Surgery Centers) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Artificial Disc (Other End Users) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Artificial Disc (Other End Users) Market Forecast: Sales Value (in

Million US\$), 2023-2028

Figure 22: North America: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: North America: Artificial Disc Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: United States: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: United States: Artificial Disc Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Canada: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Canada: Artificial Disc Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Asia Pacific: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Asia Pacific: Artificial Disc Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: China: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: China: Artificial Disc Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Japan: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Japan: Artificial Disc Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: India: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: India: Artificial Disc Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: South Korea: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: South Korea: Artificial Disc Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Australia: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: Australia: Artificial Disc Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Indonesia: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Indonesia: Artificial Disc Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Others: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Others: Artificial Disc Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: Europe: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: Europe: Artificial Disc Market Forecast: Sales Value (in Million US\$),

2023-2028

Figure 46: Germany: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Germany: Artificial Disc Market Forecast: Sales Value (in Million US\$),  
2023-2028

Figure 48: France: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: France: Artificial Disc Market Forecast: Sales Value (in Million US\$),  
2023-2028

Figure 50: United Kingdom: Artificial Disc Market: Sales Value (in Million US\$), 2017 &  
2022

Figure 51: United Kingdom: Artificial Disc Market Forecast: Sales Value (in Million US\$),  
2023-2028

Figure 52: Italy: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Italy: Artificial Disc Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Spain: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Spain: Artificial Disc Market Forecast: Sales Value (in Million US\$),  
2023-2028

Figure 56: Russia: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Russia: Artificial Disc Market Forecast: Sales Value (in Million US\$),  
2023-2028

Figure 58: Others: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Others: Artificial Disc Market Forecast: Sales Value (in Million US\$),  
2023-2028

Figure 60: Latin America: Artificial Disc Market: Sales Value (in Million US\$), 2017 &  
2022

Figure 61: Latin America: Artificial Disc Market Forecast: Sales Value (in Million US\$),  
2023-2028

Figure 62: Brazil: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Brazil: Artificial Disc Market Forecast: Sales Value (in Million US\$),  
2023-2028

Figure 64: Mexico: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Mexico: Artificial Disc Market Forecast: Sales Value (in Million US\$),  
2023-2028

Figure 66: Others: Artificial Disc Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Others: Artificial Disc Market Forecast: Sales Value (in Million US\$),  
2023-2028

Figure 68: Middle East and Africa: Artificial Disc Market: Sales Value (in Million US\$),  
2017 & 2022

Figure 69: Middle East and Africa: Artificial Disc Market Forecast: Sales Value (in Million  
US\$), 2023-2028

Figure 70: Global: Artificial Disc Industry: SWOT Analysis

Figure 71: Global: Artificial Disc Industry: Value Chain Analysis

Figure 72: Global: Artificial Disc Industry: Porter's Five Forces Analysis

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