

Spine Biologics Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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Abstracts

The global spine biologics market size reached US\$ 1.9 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 2.5 Billion by 2027, exhibiting a growth rate (CAGR) of 4.32% 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.

Spine biologics are materials that alter the surrounding environment through active cellular processes. They promote growth and differentiation and aid in the repair and healing of an injury. They also reduce the frequency of primary or additional surgical procedures and decrease the disruption of soft tissue. At present, a wide variety of spine biologics are used as an alternative to conventional treatments. For instance, pedicle screws and rods find application in a spine fusion procedure to provide spinal stabilization, thereby promoting healing. Moreover, continuous advancements are promoting the repair and regeneration of cartilaginous and bony structures.

Spine Biologics Market Trends:

Spine fusion is utilized as a tool in the treatment of spine trauma, tumors, and degenerative disorders. However, its poor outcomes can lead to serious complications among patients. This, in confluence with a significant increase in the number of individuals with acute and chronic conditions represents one of the key factors positively influencing the use of spine biologics around the world. Spine biologics impact fusion at the cellular level, which helps achieve successful arthrodesis in the treatment of symptomatic deformity or instability. Moreover, there is a rise in the geriatric population globally, which is more susceptible to musculoskeletal conditions. This, along with the

growing prevalence of orthopedic conditions, is catalyzing the demand for spine biologics worldwide. Apart from this, the escalating demand for non-surgical procedures is encouraging the use of spinal biologics in minimally invasive lumbar surgeries. Spine biologics are also gaining traction as a replacement for metal hardware and in individual natural bone grafts or allografts. Furthermore, the growing access to healthcare services on account of inflating income levels is contributing to market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global spine biologics 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 type and end user.

Breakup by Product:

- Spinal Allografts
 - Machined Bones Allograft
 - Demineralized Bone Matrix
 - Bone Graft Substitutes
 - Bone Morphogenetic Proteins
 - Synthetic Bone Grafts
 - Cell Based Matrix

Breakup by Surgery Type:

- Open Spine Surgery
- Minimally Invasive Spine Surgery

Breakup by End User:

- Hospitals
- Ambulatory Care Centers
- Spinal Surgery Centers
- Orthopedic Clinics
- 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 Arthrex Inc, Alphatec Holdings Inc., Exactech Inc, Johnson & Johnson, Medtronic plc, NuVasive Inc, Orthofix Medical Inc., Stryker Corporation, Wright Medical Group N.V. and Zimmer Biomet.

Key Questions Answered in This Report:

How has the global spine biologics market performed so far and how will it perform in the coming years?
What has been the impact of COVID-19 on the global spine biologics 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 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 spine biologics 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 SPINE BIOLOGICS 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 Spinal Allografts
 - 6.1.1 Market Trends
 - 6.1.2 Key Segments
 - 6.1.2.1 Machined Bones Allograft
 - 6.1.2.2 Demineralized Bone Matrix
 - 6.1.3 Market Forecast
- 6.2 Bone Graft Substitutes

- 6.2.1 Market Trends
- 6.2.2 Key Segments
 - 6.2.2.1 Bone Morphogenetic Proteins
 - 6.2.2.2 Synthetic Bone Grafts
- 6.2.3 Market Forecast
- 6.3 Cell Based Matrix
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast

7 MARKET BREAKUP BY SURGERY TYPE

- 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 Ambulatory Care Centers
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Spinal Surgery Centers
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Orthopedic Clinics
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Others
 - 8.5.1 Market Trends
 - 8.5.2 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 Arthrex Inc
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.1.3 SWOT Analysis
 - 14.3.2 Alphatec Holdings Inc.
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 Financials
 - 14.3.2.4 SWOT Analysis
 - 14.3.3 Exactech Inc
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.4 Johnson & Johnson
 - 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 Medtronic plc
 - 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 NuVasive 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 Orthofix Medical 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 Stryker Corporation
 - 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 Wright Medical Group N.V.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 SWOT Analysis
- 14.3.10 Zimmer Biomet
 - 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: Spine Biologics Market: Key Industry Highlights, 2021 and 2027

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

Table 3: Global: Spine Biologics Market Forecast: Breakup by Surgery Type (in Million US\$), 2022-2027

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

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

Table 6: Global: Spine Biologics Market: Competitive Structure

Table 7: Global: Spine Biologics Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Spine Biologics Market: Major Drivers and Challenges

Figure 2: Global: Spine Biologics Market: Sales Value (in Billion US\$), 2016-2021

Figure 3: Global: Spine Biologics Market Forecast: Sales Value (in Billion US\$), 2022-2027

Figure 4: Global: Spine Biologics Market: Breakup by Product (in %), 2021

Figure 5: Global: Spine Biologics Market: Breakup by Surgery Type (in %), 2021

Figure 6: Global: Spine Biologics Market: Breakup by End User (in %), 2021

Figure 7: Global: Spine Biologics Market: Breakup by Region (in %), 2021

Figure 8: Global: Spine Biologics (Spinal Allografts) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 9: Global: Spine Biologics (Spinal Allografts) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 10: Global: Spine Biologics (Bone Graft Substitutes) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 11: Global: Spine Biologics (Bone Graft Substitutes) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 12: Global: Spine Biologics (Cell Based Matrix) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 13: Global: Spine Biologics (Cell Based Matrix) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 14: Global: Spine Biologics (Open Spine Surgery) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 15: Global: Spine Biologics (Open Spine Surgery) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 16: Global: Spine Biologics (Minimally Invasive Spine Surgery) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 17: Global: Spine Biologics (Minimally Invasive Spine Surgery) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 18: Global: Spine Biologics (Hospitals) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 19: Global: Spine Biologics (Hospitals) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 20: Global: Spine Biologics (Ambulatory Care Centers) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 21: Global: Spine Biologics (Ambulatory Care Centers) Market Forecast: Sales

Value (in Million US\$), 2022-2027

Figure 22: Global: Spine Biologics (Spinal Surgery Centers) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 23: Global: Spine Biologics (Spinal Surgery Centers) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 24: Global: Spine Biologics (Orthopedic Clinics) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 25: Global: Spine Biologics (Orthopedic Clinics) Market Forecast: Sales Value (in Million US\$), 2022-2027

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

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

Figure 28: North America: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

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

Figure 30: United States: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

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

Figure 32: Canada: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 33: Canada: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

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

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

Figure 36: China: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 37: China: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 38: Japan: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 39: Japan: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 40: India: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 41: India: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 42: South Korea: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

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

Figure 44: Australia: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 45: Australia: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 46: Indonesia: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 47: Indonesia: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 48: Others: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 49: Others: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 50: Europe: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 51: Europe: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 52: Germany: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 53: Germany: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 54: France: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 55: France: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 56: United Kingdom: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

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

Figure 58: Italy: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 59: Italy: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 60: Spain: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 61: Spain: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 62: Russia: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 63: Russia: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 64: Others: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 65: Others: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 66: Latin America: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

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

Figure 68: Brazil: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 69: Brazil: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 70: Mexico: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 71: Mexico: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 72: Others: Spine Biologics Market: Sales Value (in Million US\$), 2016 & 2021

Figure 73: Others: Spine Biologics Market Forecast: Sales Value (in Million US\$), 2022-2027

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

Figure 75: Middle East and Africa: Spine Biologics Market: Breakup by Country (in %), 2021

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

Figure 77: Global: Spine Biologics Industry: SWOT Analysis

Figure 78: Global: Spine Biologics Industry: Value Chain Analysis

Figure 79: Global: Spine Biologics Industry: Porter's Five Forces Analysis

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