

Spine Biologics Market Report by Product (Spinal Allografts, Bone Graft Substitutes, Cell Based Matrix), Surgery Type (Open Spine Surgery, Minimally Invasive Spine Surgery), End User (Hospitals, Ambulatory Care Centers, Spinal Surgery Centers, Orthopedic Clinics, and Others), and Region 2023-2028

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Abstracts

The global spine biologics market size reached US\$ 2.0 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2.5 Billion by 2028, exhibiting a growth rate (CAGR) of 3.79% during 2022-2028.

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 2023-2028. 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

1. How big is the global spine biologics market?
2. What is the expected growth rate of the global spine biologics market during 2023-2028?
3. What are the key factors driving the global spine biologics market?
4. What has been the impact of COVID-19 on the global spine biologics market?

5. What is the breakup of the global spine biologics market based on the product?
6. What is the breakup of the global spine biologics market based on the surgery type?
7. What is the breakup of the global spine biologics market based on the end user?
8. What are the key regions in the global spine biologics market?
9. Who are the key players/companies in the global spine biologics market?

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