

Interbody Fusion Cage Market by Product Type (Lumbar Cage, Cervical Cage, Thoraco-Lumbar Cage, Thoracic Cage), Surgery (Anterior, Posterior, Lateral, Transforaminal), End User (Hospitals and Clinics, Ambulatory Surgical Center, and Others), and Region 2023-2028

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Abstracts

Market Overview:

The global interbody fusion cage market size reached US\$ 2.16 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2.73 Billion by 2028, exhibiting a growth rate (CAGR) of 3.78% during 2023-2028. Escalating product demand for decompression of nerves and spine reconstruction during surgeries, expanding geriatric population that is more susceptible to developing spinal cord injuries, and continual technical advancements in the formulation of cage material and design represent some of the key factors driving the market.

Interbody fusion cage refers to an artificial medical device or prosthesis that maintains foraminal height and reduces spinal decompression during spinal fusion procedures. This is a hollow, large cylinder designed to allow spinal fusion between two vertebrae by enclosing bone grafts within the hollow cylinder. All interbody fusion devices can be used to reduce sagittal contour changes and increase sagittal stability by restoring disk space height. Autologous bone material can be filled in these cages to promote arthrodesis or artificial induction of joint ossification. These cages are either metal or absorbable materials, typically made up of titanium, carbon fiber, or allograft femur, and can be implanted either surgically or endoscopically. Interbody cages can provide certain advantages including supporting the anterior spine and increasing bony

apertures to allow more space for spinal nerves to relieve discomfort and compression. In addition, they can promote solid fusion of neighboring vertebral segments by accelerating bone growth and cure spinal abnormalities.

Interbody Fusion Cage Market Trends:

The escalating demand for interbody fusion cage surgeries for direct decompression of nerves and spine reconstruction during major surgeries is a significant factor driving the market. This can be attributed to the expanding geriatric population that is more susceptible to developing spinal cord injuries caused by accidents and degenerative disk conditions. In line with this, the rising popularity of minimally invasive surgeries is also acting as a growth-inducing factor for the market. Moreover, continual technical advancements in the formulation of cage material and design to expand fusion rate with lower subsidence are creating lucrative opportunities for the market players. However, the high cost associated with spinal fusion surgeries, scarcity of skilled professionals and lack of proper healthcare infrastructure in most regions are restraining the growth of the market. On the contrary, favorable initiatives undertaken by the government bodies of several countries to improve the healthcare infrastructure are creating a positive outlook for the market. Additionally, numerous strategies adopted by the major market players, such as mergers and acquisitions, partnerships and collaborations, to enhance their geographical presence is also contributing to the market growth. Some of the other factors propelling the market include rapid urbanization, increasing medical expenditure, inflating disposable income levels, particularly in the developing economies, and extensive research and development (R&D) activities.

Key Market Segmentation:

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

Product Type Insights

Lumbar Cage

Cervical Cage

Thoraco-Lumbar Cage

Thoracic Cage

The report has provided a detailed breakup and analysis of the interbody fusion cage market based on the product type. This includes lumbar cage, cervical cage, thoraco-lumbar cage, and thoracic cage. According to the report, lumbar cage represented the largest segment.

Surgery Insights

Anterior

Posterior

Lateral

Transforaminal

The report has provided a detailed breakup and analysis of the interbody fusion cage market based on the surgery. This includes anterior, posterior, lateral, and transforaminal. According to the report, anterior represented the largest segment.

End User Insights

Hospitals and Clinics

Ambulatory Surgical Center

Others

A detailed breakup and analysis of the interbody fusion cage market based on the end user has also been provided in the report. This includes hospitals and clinics, ambulatory surgical center, and others. According to the report, hospitals and clinics accounted for the largest market share.

Regional Insights:

North America

United States

Canada

Europe

Germany
France
United Kingdom
Italy
Spain
Russia
Others

Asia Pacific

China
Japan
India
South Korea
Australia
Indonesia
Others

Latin America

Brazil
Mexico
Others

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets that include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and Middle East and Africa. According to the report, North America was the largest market for interbody fusion cage. Some of the factors driving the North America interbody fusion cage market include high healthcare expenditure, expanding geriatric population, rapid urbanization, continual technological advancements in medical infrastructure, etc.

Competitive Landscape

The report has also provided a comprehensive analysis of the competitive landscape in the global interbody fusion cage market. Detailed profiles of all major companies have also been provided. Some of the companies covered include Alphatec Spine, Inc., Aurora Spine Inc., B. Braun Melsungen AG, Johnson & Johnson, Medtronic Plc., NuVasive Inc, Orthofix US LLC, Precision Spine Inc., SpineArt SA, Ulrich Medicals USA, etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report:

How has the global interbody fusion cage market performed so far and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global interbody fusion cage market?

What are the key regional markets?

Which countries represent the most attractive interbody fusion cage markets?

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

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

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

What is the competitive structure of the global interbody fusion cage market?

Who are the key players/companies in the global interbody fusion cage market?

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