

Orthobiologics Market Size, Trends, Analysis, and
Outlook By Product (Viscosupplementation Products,
Demineralized Bone Matrices, Synthetic
Orthobiologics, Bone Morphogenic Protein, Allografts,
Others), By Application (Osteoarthritis and
Degenerative Arthritis, Spinal Fusion, Soft-tissue
Injuries, Others), By End-User (Hospitals, Orthopedic
Clinics, Ambulatory Care Centers, Research and
Academic Institutes, Dental Clinics and Facilities), by
Country, Segment, and Companies, 2024-2032

https://marketpublishers.com/r/O23F1159E667EN.html

Date: April 2024

Pages: 205

Price: US\$ 3,980.00 (Single User License)

ID: O23F1159E667EN

Abstracts

The global Orthobiologics market size is poised to register 5.9% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Orthobiologics market across By Product (Viscosupplementation Products, Demineralized Bone Matrices, Synthetic Orthobiologics, Bone Morphogenic Protein, Allografts, Others), By Application (Osteoarthritis and Degenerative Arthritis, Spinal Fusion, Soft-tissue Injuries, Others), By End-User (Hospitals, Orthopedic Clinics, Ambulatory Care Centers, Research and Academic Institutes, Dental Clinics and Facilities)

The future of the orthobiologics market is driven by advancements in regenerative medicine, increasing prevalence of musculoskeletal disorders, and growing demand for biologic treatments for orthopedic conditions. Orthobiologics encompass a range of biomaterials, growth factors, and cell-based therapies used to promote bone and soft tissue healing in orthopedic and sports medicine applications. With the rise of minimally



invasive surgery and tissue engineering techniques, there is a growing interest in orthobiologics that offer enhanced tissue regeneration, reduced inflammation, and accelerated recovery times. Further, technological innovations such as platelet-rich plasma (PRP), mesenchymal stem cells (MSCs), and growth factor therapies are driving the development of next-generation orthobiologic products with improved safety, efficacy, and delivery methods. Over the forecast period to 2030, expanding applications in orthopedic trauma, spine surgery, and cartilage repair, coupled with increasing regulatory approvals and clinical evidence supporting the use of orthobiologics, are expected to drive market growth and innovation, enabling orthopedic surgeons and sports medicine specialists to offer more effective and personalized treatments for patients with musculoskeletal injuries and degenerative conditions.

Orthobiologics Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Orthobiologics market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Orthobiologics survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Orthobiologics industry.

Key market trends defining the global Orthobiologics demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Orthobiologics Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Orthobiologics industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Orthobiologics companies scaling up production in these sub-segments with a focus on expanding into emerging countries.



Key strategies adopted by companies within the Orthobiologics industry

Leading Orthobiologics companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Orthobiologics companies.

Orthobiologics Market Study- Strategic Analysis Review

The Orthobiologics market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Orthobiologics Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Orthobiologics industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios-low case, reference case, and high case scenarios.

Orthobiologics Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe,



the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

North America Orthobiologics Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Orthobiologics market segments. Similarly, Strong market demand is encouraging Canadian Orthobiologics companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Orthobiologics market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Orthobiologics Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Orthobiologics industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Orthobiologics market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Orthobiologics Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Orthobiologics in Asia Pacific. In particular, China, India, and South East Asian Orthobiologics markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean



companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

Latin America Orthobiologics Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Orthobiologics Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Orthobiologics market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Orthobiologics.

Orthobiologics Market Company Profiles

The global Orthobiologics market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Arthrex Inc, Bone Support AB, Globus Medical Inc, Integra LifeSciences Holdings Corp, Johnson & Johnson Services Inc, Medtronic plc, NuVasive Inc, Sanofi S.A., SeaSpine Holdings Corp, Stryker Corp, Terumo Corp, Zimmer Biomet Holdings Inc.

Recent Orthobiologics Market Developments

The global Orthobiologics market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Orthobiologics Market Report Scope



Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast

Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local

Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios-Low, Base, High

Market Segmentation:

By Product

Viscosupplementation Products

Demineralized Bone Matrices

Synthetic Orthobiologics

Bone Morphogenic Protein

Allografts

Orthobiologics Market Size, Trends, Analysis, and Outlook By Product (Viscosupplementation Products, Demineral...



| Others | | |
|---|--|--|
| By Application | | |
| Osteoarthritis and Degenerative Arthritis | | |
| Spinal Fusion | | |
| Soft-tissue Injuries | | |
| Others | | |
| By End-User | | |
| Hospitals | | |
| Orthopedic Clinics | | |
| Ambulatory Care Centers | | |
| Research and Academic Institutes | | |
| Dental Clinics and Facilities | | |
| Geographical Segmentation: | | |
| North America (3 markets) | | |
| Europe (6 markets) | | |
| Asia Pacific (6 markets) | | |
| Latin America (3 markets) | | |
| Middle East Africa (5 markets) | | |
| | | |

Companies



| Arthrex Inc |
|--|
| Bone Support AB |
| Globus Medical Inc |
| Integra LifeSciences Holdings Corp |
| Johnson & Johnson Services Inc |
| Medtronic plc |
| NuVasive Inc |
| Sanofi S.A. |
| SeaSpine Holdings Corp |
| Stryker Corp |
| Terumo Corp |
| Zimmer Biomet Holdings Inc |
| Formats Available: Excel, PDF, and PPT |
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By Product

Viscosupplementation Products

Demineralized Bone Matrices

Synthetic Orthobiologics



Bone Morphogenic Protein

Allografts

Others

By Application

Osteoarthritis and Degenerative Arthritis

Spinal Fusion

Soft-tissue Injuries

Others

By End-User

Hospitals

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Ambulatory Care Centers

Research and Academic Institutes

Dental Clinics and Facilities

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Bone Support AB

Globus Medical Inc

Integra LifeSciences Holdings Corp

Johnson & Johnson Services Inc

Medtronic plc

NuVasive Inc

Sanofi S.A.

SeaSpine Holdings Corp

Stryker Corp

Terumo Corp

Zimmer Biomet Holdings Inc.

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