

# **Bone Growth Stimulation Devices Market Size, Trends, Analysis, and Outlook By Product (External Bone Growth Stimulators, Implanted Bone Growth Stimulators, Ultrasonic Bone Growth Stimulators), By Application (Spinal Fusion Surgeries, Delayed Union and Non-union Bone Fractures, Oral and Maxillofacial Surgeries, Others), By End-User (Hospitals and Clinics, Home Care, Academic and Research Institutes, CROS), by Region, Country, Segment, and Companies, 2024-2030**

<https://marketpublishers.com/r/BE1AF2D3FE8EEN.html>

Date: March 2024

Pages: 190

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

ID: BE1AF2D3FE8EEN

## **Abstracts**

The global Bone Growth Stimulation Devices market size is poised to register 4.78% growth (CAGR) from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Bone Growth Stimulation Devices market By Product (External Bone Growth Stimulators, Implanted Bone Growth Stimulators, Ultrasonic Bone Growth Stimulators), By Application (Spinal Fusion Surgeries, Delayed Union and Non-union Bone Fractures, Oral and Maxillofacial Surgeries, Others), By End-User (Hospitals and Clinics, Home Care, Academic and Research Institutes, CROS).

The future of bone growth stimulation devices is driven by innovations aimed at enhancing treatment outcomes and patient compliance in orthopedic and spinal surgeries. Key trends include the development of advanced electromagnetic, ultrasonic, and low-intensity pulsed ultrasound (LIPUS) technologies for promoting bone healing and fracture repair. These devices facilitate non-invasive, targeted stimulation of bone

tissue, accelerating the natural healing process and reducing the risk of non-union or delayed union. Additionally, the integration of wearable and portable designs enhances patient mobility and convenience, enabling continuous stimulation during daily activities. Moreover, the customization of stimulation parameters and treatment protocols based on patient-specific factors such as age, bone density, and injury severity optimizes therapeutic efficacy and minimizes adverse effects. Furthermore, the expansion of indications for bone growth stimulation, including osteoporosis management and bone regeneration in dental procedures, broadens market opportunities and drives adoption in diverse clinical settings..

## Bone Growth Stimulation Devices 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 Bone Growth Stimulation Devices market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Bone Growth Stimulation Devices 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 Bone Growth Stimulation Devices industry.

## Key market trends defining the global Bone Growth Stimulation Devices 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.

## Bone Growth Stimulation Devices Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Bone Growth Stimulation Devices 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 Bone Growth Stimulation Devices companies scaling up production in these sub-segments with a focus on expanding into emerging

countries.

Key strategies adopted by companies within the Bone Growth Stimulation Devices industry

Leading Bone Growth Stimulation Devices 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 Bone Growth Stimulation Devices companies.

**Bone Growth Stimulation Devices Market Study- Strategic Analysis Review**

The Bone Growth Stimulation Devices 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.

**Bone Growth Stimulation Devices Market Size Outlook- Historic and Forecast Revenue in Three Cases**

The Bone Growth Stimulation Devices 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 2030 in three case scenarios- low case, reference case, and high case scenarios.

## Bone Growth Stimulation Devices Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. 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 2030.

### North America Bone Growth Stimulation Devices 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 end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Bone Growth Stimulation Devices market segments. Similarly, Strong end-user demand is encouraging Canadian Bone Growth Stimulation Devices companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Bone Growth Stimulation Devices market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

### Europe Bone Growth Stimulation Devices Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Bone Growth Stimulation Devices 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 businesses in identifying and leveraging new growth prospects positions the European Bone Growth Stimulation Devices 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 Bone Growth Stimulation Devices 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 Bone Growth Stimulation Devices in Asia Pacific. In particular, China, India, and South East Asian Bone Growth Stimulation Devices markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers 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 markets in the region.

**Latin America Bone Growth Stimulation Devices 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 Bone Growth Stimulation Devices 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 Bone Growth Stimulation Devices market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Bone Growth Stimulation Devices.

**Bone Growth Stimulation Devices Market Company Profiles**

The global Bone Growth Stimulation Devices 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 Bioventus LLC, BTT Health GmbH, Colfax Corp, Fintek Bio Electric Inc, IGEA Spa, Medtronic Plc, Orthofix Medical Inc, Ossatec Benelux Ltd, Stimulate Health Inc, Zimmer Biomet Holdings Inc.

**Recent Bone Growth Stimulation Devices Market Developments**

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

## Bone Growth Stimulation Devices Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (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 Type

Stationary 3D and 4D Ultrasound Devices

Portable 3D and 4D Ultrasound Devices

By Display

Color Ultrasound

B/W Ultrasound

By Portability

Trolley or Cart-Based Ultrasound Systems

Compact/Handheld Ultrasound Systems

Point-of-Pare (PoC) Ultrasound Systems

By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

Others

By End-User

Hospitals

Surgical Centers and Diagnostic Centers

Maternity Centers

Ambulatory Care Centers

Research and Academia

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Bioventus LLC

BTT Health GmbH

Colfax Corp

Fintek Bio Electric Inc

IGEA Spa

Medtronic Plc

Orthofix Medical Inc

Ossatec Benelux Ltd



Stimulate Health Inc

Zimmer Biomet Holdings Inc

Formats Available: Excel, PDF, and PPT

## Contents

### 1. EXECUTIVE SUMMARY

- 1.1 Bone Growth Stimulation Devices Market Overview and Key Findings, 2024
- 1.2 Bone Growth Stimulation Devices Market Size and Growth Outlook, 2021- 2030
- 1.3 Bone Growth Stimulation Devices Market Growth Opportunities to 2030
- 1.4 Key Bone Growth Stimulation Devices Market Trends and Challenges
  - 1.4.1 Bone Growth Stimulation Devices Market Drivers and Trends
  - 1.4.2 Bone Growth Stimulation Devices Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Bone Growth Stimulation Devices Companies

### 2. BONE GROWTH STIMULATION DEVICES MARKET SIZE OUTLOOK TO 2030

- 2.1 Bone Growth Stimulation Devices Market Size Outlook, USD Million, 2021- 2030
- 2.2 Bone Growth Stimulation Devices Incremental Market Growth Outlook, %, 2021-2030
- 2.3 Segment Snapshot, 2024

### 3. BONE GROWTH STIMULATION DEVICES MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
  - \* Threat of New Entrants
  - \* Threat of Substitutes
  - \* Intensity of Competitive Rivalry
  - \* Bargaining Power of Buyers
  - \* Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

### 4. BONE GROWTH STIMULATION DEVICES MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
  - By Type

Stationary 3D and 4D Ultrasound Devices  
Portable 3D and 4D Ultrasound Devices  
By Display  
Color Ultrasound  
B/W Ultrasound  
By Portability  
Trolley or Cart-Based Ultrasound Systems  
Compact/Handheld Ultrasound Systems  
Point-of-Pare (PoC) Ultrasound Systems  
By Application  
Radiology or General Imaging  
Obstetrics or Gynecology  
Cardiology  
Urology  
Vascular  
Orthopedic and Musculoskeletal  
Pain Management  
Others  
By End-User  
Hospitals  
Surgical Centers and Diagnostic Centers  
Maternity Centers  
Ambulatory Care Centers  
Research and Academia  
Others  
4.3 Growth Prospects and Niche Opportunities, 2023- 2030  
4.4 Regional comparison of Market Growth, CAGR, 2023-2030

## **5. REGION-WISE MARKET OUTLOOK TO 2030**

5.1 Key Findings for Asia Pacific Bone Growth Stimulation Devices Market, 2025  
5.2 Asia Pacific Bone Growth Stimulation Devices Market Size Outlook by Type, 2021-2030  
5.3 Asia Pacific Bone Growth Stimulation Devices Market Size Outlook by Application, 2021- 2030  
5.4 Key Findings for Europe Bone Growth Stimulation Devices Market, 2025  
5.5 Europe Bone Growth Stimulation Devices Market Size Outlook by Type, 2021- 2030  
5.6 Europe Bone Growth Stimulation Devices Market Size Outlook by Application, 2021-2030

5.7 Key Findings for North America Bone Growth Stimulation Devices Market, 2025

5.8 North America Bone Growth Stimulation Devices Market Size Outlook by Type, 2021- 2030

5.9 North America Bone Growth Stimulation Devices Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Bone Growth Stimulation Devices Market, 2025

5.11 South America Pacific Bone Growth Stimulation Devices Market Size Outlook by Type, 2021- 2030

5.12 South America Bone Growth Stimulation Devices Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Bone Growth Stimulation Devices Market, 2025

5.14 Middle East Africa Bone Growth Stimulation Devices Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Bone Growth Stimulation Devices Market Size Outlook by Application, 2021- 2030

## **6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030**

6.1 US Bone Growth Stimulation Devices Market Size Outlook and Revenue Growth Forecasts

6.2 US Bone Growth Stimulation Devices Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Bone Growth Stimulation Devices Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Bone Growth Stimulation Devices Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Bone Growth Stimulation Devices Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Bone Growth Stimulation Devices Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Bone Growth Stimulation Devices Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Bone Growth Stimulation Devices Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Bone Growth Stimulation Devices Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Bone Growth Stimulation Devices Industry Drivers and Opportunities

- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Bone Growth Stimulation Devices Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Bone Growth Stimulation Devices Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Bone Growth Stimulation Devices Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Bone Growth Stimulation Devices Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Bone Growth Stimulation Devices Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Bone Growth Stimulation Devices Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Bone Growth Stimulation Devices Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Bone Growth Stimulation Devices Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Bone Growth Stimulation Devices Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Bone Growth Stimulation Devices Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Bone Growth Stimulation Devices Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Bone Growth Stimulation Devices Industry Drivers and Opportunities

## **7. BONE GROWTH STIMULATION DEVICES MARKET OUTLOOK ACROSS SCENARIOS**

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

## **8. BONE GROWTH STIMULATION DEVICES COMPANY PROFILES**

- 8.1 Profiles of Leading Bone Growth Stimulation Devices Companies in the Market
- 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies

### 8.3 Financial Performance and Key Metrics

Bioventus LLC

BTT Health GmbH

Colfax Corp

Fintek Bio Electric Inc

IGEA Spa

Medtronic Plc

Orthofix Medical Inc

Ossatec Benelux Ltd

Stimulate Health Inc

Zimmer Biomet Holdings Inc

## 9. APPENDIX

9.1 Scope of the Report

9.2 Research Methodology and Data Sources

9.3 Glossary of Terms

9.4 Market Definitions

9.5 Contact Information

## I would like to order

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