

# Europe Bio-implants Market Size study, by Type (Dental Bio-implants, Orthopedic Bio-implants, Spinal Bio-implants, Ophthalmology Bio-implants, Cardiovascular Bio-implants, Others) by End User (Hospitals, Speciality Clinics, Ambulatory surgical centres) and Country Forecasts 2022-2032

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## **Abstracts**

Europe Bio-implants Market is valued at approximately USD 26.56 Billion in 2023 and is anticipated to grow with a healthy growth rate of more than 8.12% over the forecast period 2024-2032. Bioimplants are complex medical devices designed to be implanted in the body in order to substitute or aid a biological structure or function. These tools vary greatly in complexity and function, from simple dental implants to sophisticated devices such as pacemakers, artificial joints, and neural implants. One of the key aims of bioimplants is to enhance the quality of life of people with different illnesses or injuries by using implantable devices to restore lost or impaired functions. Often constructed from biocompatible materials to reduce the risk of rejection by the host's immune system. The market is gaining attention due to advancements such as integrating sensors and wireless connections into bioimplants, enabling real-time monitoring of physiological data and remote adjustment. Additionally, the Europe Bio-implants Market is boosted by the use of biocompatible materials in bioimplants, which lower the risk of rejection by the immune system.

Technological improvements, a rise in chronic illnesses, an ageing population and a growing need for less invasive procedures, all are contributing to the growth of the Europe Bio-implants Market. Improvements in technology play a significant role in the development of innovative implants with upgraded capabilities such as built-in sensors and wireless connectivity, increased sophistication and compatibility with the human



body. These improvements improve patient outcomes by enabling real-time monitoring and remote adjustments. However, the market faces challenges such as higher cost of bioimplants, stringent regulatory requirements, and potential complications from implant surgeries. The presence of these barriers could limit the accessibility and approval of bioimplants, impacting the growth of the Europe Bioimplants Market as a whole.

The key countries considered for the Europe Bio-implants market study includes UK, Germany, France, Italy, Spain, and Rest of Europe. In Europe Bio-implants Market, Germany stands out as a dominating region in the market in terms of revenue, fueled by advanced healthcare infrastructure, strong R&D capabilities, and high adoption rates of innovative bio-implant technologies. Germany's strategic location within Europe also enhances its position as a key hub for bio-implant manufacturers and suppliers. The region is experiencing rapid growth due to increasing healthcare expenditure, rising awareness about advanced medical treatments, and expanding healthcare facilities. This growth trend is expected to continue, driving further opportunities and competition in the Europe Bio-implants market. The market in the UK, on the other hand, is expected to grow at the fastest rate over the forecast period.

Major market player included in this report are:

Institut Straumann AG

Smith & Nephew plc

Medacta International

Medtronic plc

Alcon, Inc.

Carl Zeiss Meditec AG

Rayner Intraocular Lenses Limited

Mathys AG Bettlach

Waldemar Link GmbH & Co. KG

Biotronik SE & Co. KG

The detailed segments and sub-segment of the market are explained below:

By Type Dental B

**Dental Bio-implants** 

Orthopedic Bio-implants

Spinal Bio-implants

Ophthalmology Bio-implants

Cardiovascular Bio-implants

Others



By End User
Hospitals
Speciality Clinics
Ambulatory surgical centres
?

By Region:

Europe

UK

Germany

France

Spain

Italy

**ROE** 

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period - 2024 to 2032

# Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.



## **Contents**

# CHAPTER 1. EUROPE BIO-IMPLANTS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
  - 1.3.1. Inclusion & Exclusion
  - 1.3.2. Limitations
  - 1.3.3. Supply Side Analysis
    - 1.3.3.1. Availability
    - 1.3.3.2. Infrastructure
    - 1.3.3.3. Regulatory Environment
    - 1.3.3.4. Market Competition
    - 1.3.3.5. Economic Viability (Consumer's Perspective)
  - 1.3.4. Demand Side Analysis
    - 1.3.4.1. Regulatory frameworks
    - 1.3.4.2. Technological Advancements
    - 1.3.4.3. Environmental Considerations
    - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

## **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. Europe Bio-implants Market Size & Forecast (2022- 2032)
- 2.2. Regional Summary
- 2.3. Segmental Summary
  - 2.3.1. By Type
  - 2.3.2. By End User
- 2.4. Key Trends
- 2.5. Recession Impact
- 2.6. Analyst Recommendation & Conclusion

## **CHAPTER 3. EUROPE BIO-IMPLANTS MARKET DYNAMICS**

#### 3.1. Market Drivers



- 3.2. Market Challenges
- 3.3. Market Opportunities

### CHAPTER 4. EUROPE BIO-IMPLANTS MARKET: INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
  - 4.1.6. Futuristic Approach to Porter's 5 Force Model
  - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
  - 4.2.1. Political
  - 4.2.2. Economic
  - 4.2.3. Social
  - 4.2.4. Technological
  - 4.2.5. Environmental
- 4.2.6. Legal
- 4.3. Top investment opportunity
- 4.4. Top winning strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

# CHAPTER 5. EUROPE BIO-IMPLANTS MARKET SIZE & FORECASTS BY TYPE 2022-2032

- 5.1. Dental Bio-implants
- 5.2. Orthopedic Bio-implants
- 5.3. Spinal Bio-implants
- 5.4. Ophthalmology Bio-implants
- 5.5. Cardiovascular Bio-implants
- 5.6. Others

# CHAPTER 6. EUROPE BIO-IMPLANTS MARKET SIZE & FORECASTS BY END USER 2022-2032



- 6.1. Hospitals
- 6.2. Speciality Clinics
- 6.3. Ambulatory surgical centres

# CHAPTER 7. EUROPE BIO-IMPLANTS MARKET SIZE & FORECASTS BY COUNTRY 2022-2032

- 7.1. U.K. Bio-implants Market
  - 7.1.1. Type breakdown size & forecasts, 2022-2032
  - 7.1.2. End User breakdown size & forecasts, 2022-2032
- 7.2. Germany Bio-implants Market
- 7.3. France Bio-implants Market
- 7.4. Spain Bio-implants Market
- 7.5. Italy Bio-implants Market
- 7.6. Rest of Europe Bio-implants Market

#### **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Key Company SWOT Analysis
  - 8.1.1. Institut Straumann AG
  - 8.1.2. Smith & Nephew plc
  - 8.1.3. Medacta International
- 8.2. Top Market Strategies
- 8.3. Company Profiles
  - 8.3.1. Institut Straumann AG
    - 8.3.1.1. Key Information
    - 8.3.1.2. Overview
    - 8.3.1.3. Financial (Subject to Data Availability)
    - 8.3.1.4. Product Summary
    - 8.3.1.5. Market Strategies
  - 8.3.2. Smith & Nephew plc
  - 8.3.3. Medacta International
  - 8.3.4. Medtronic plc
  - 8.3.5. Alcon, Inc.
  - 8.3.6. Carl Zeiss Meditec AG
  - 8.3.7. Rayner Intraocular Lenses Limited
  - 8.3.8. Mathys AG Bettlach
  - 8.3.9. Waldemar Link GmbH & Co. KG
  - 8.3.10. Biotronik SE & Co. KG



## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation
  - 9.1.4. Validation
  - 9.1.5. Publishing
- 9.2. Research Attributes



# **List Of Tables**

#### LIST OF TABLES

- TABLE 1. Europe Bio-implants market, report scope
- TABLE 2. Europe Bio-implants market estimates & forecasts by Country 2022-2032 (USD Billion)
- TABLE 3. Europe Bio-implants market estimates & forecasts by Type 2022-2032 (USD Billion)
- TABLE 4. Europe Bio-implants market estimates & forecasts by End User 2022-2032 (USD Billion)
- TABLE 5. Europe Bio-implants market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 6. Europe Bio-implants market by country, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 7. Europe Bio-implants market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 8. Europe Bio-implants market by country, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 9. Europe Bio-implants market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 10. Europe Bio-implants market by country, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 11. Europe Bio-implants market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 12. Europe Bio-implants market by country, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 13. Europe Bio-implants market by segment, estimates & forecasts, 2022-2032 (USD Billion) Europe Bio-implants market by country, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 14. UK Bio-implants market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 15. UK Bio-implants market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 16. UK Bio-implants market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 17. Germany Bio-implants market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 18. Germany Bio-implants market estimates & forecasts by segment 2022-2032 (USD Billion)



- TABLE 19. Germany Bio-implants market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 20. France Bio-implants market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 21. France Bio-implants market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 22. France Bio-implants market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 23. Italy Bio-implants market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 24. Italy Bio-implants market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 25. Italy Bio-implants market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 26. Spain Bio-implants market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 27. Spain Bio-implants market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 28. Spain Bio-implants market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 29. RoE Bio-implants market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 30. RoE Bio-implants market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 31. RoE Bio-implants market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 32. List of secondary sources, used in the study of Europe Bio-implants Market.
- TABLE 33. List of primary sources, used in the study of Europe Bio-implants Market.
- TABLE 34. Years considered for the study.
- TABLE 35. Exchange rates considered.



# **List Of Figures**

#### **LIST OF FIGURES**

- FIG 1. Europe Bio-implants market, research methodology
- FIG 2. Europe Bio-implants market, market estimation techniques
- FIG 3. Europe market size estimates & forecast methods.
- FIG 4. Europe Bio-implants market, key trends 2023
- FIG 5. Europe Bio-implants market, growth prospects 2022-2032
- FIG 6. Europe Bio-implants market, porters 5 force model
- FIG 7. Europe Bio-implants market, pestel analysis
- FIG 8. Europe Bio-implants market, value chain analysis
- FIG 9. Europe Bio-implants market by segment, 2022 & 2032 (USD Billion)
- FIG 10. Europe Bio-implants market by segment, 2022 & 2032 (USD Billion)
- FIG 11. Europe Bio-implants market by segment, 2022 & 2032 (USD Billion)
- FIG 12. Europe Bio-implants market by segment, 2022 & 2032 (USD Billion)
- FIG 13. Europe Bio-implants market by segment, 2022 & 2032 (USD Billion)
- FIG 14. Europe Bio-implants market, Country snapshot 2022 & 2032
- FIG 15. Europe Bio-implants market 2022 & 2032 (USD Billion)
- FIG 16. Europe Bio-implants market, company market share analysis (2023)



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