

# **Bone Wax Market By Product (Absorbable Bone Wax, Non-Absorbable Bone Wax) , By Application (Orthopedic Surgery, Thoracic Surgery, Neurosurgery, Others) By End User (Specialty Clinics, Hospitals, Ambulatory Surgery Centers) : Global Opportunity Analysis and Industry Forecast, 2024-2033**

<https://marketpublishers.com/r/B95EEEECC76F1EN.html>

Date: July 2024

Pages: 280

Price: US\$ 2,655.00 (Single User License)

ID: B95EEEECC76F1EN

## **Abstracts**

The bone wax market was valued at \$53.1 million in 2023, and is projected to reach \$73.0 million by 2033, growing at a CAGR of 3.2% from 2024 to 2033.

Bone wax is a mixture of beeswax, paraffin, and isopropyl palmitate, a wax-softening agent, used in surgical procedures to control bleeding from bone surfaces. Its pliable nature allows it to be easily molded and applied directly to the bone, effectively sealing bleeding points by mechanically blocking blood vessels. Bone wax is commonly used in orthopedic, neurosurgical, and cardiothoracic surgeries, particularly when working with the sternum or other bones prone to bleeding.

The growth of the global bone wax market is driven by rise in number of orthopedic, neurosurgical, and cardiovascular surgeries. According to a study published in 2020 by the National Institutes of Health—world's foremost medical research centers—approximately 310 million major surgeries are performed each year; around 40 to 50 million in the U.S. and 20 million in Europe. Furthermore, surge in geriatric population notably contributes toward the market growth. This is attributed to the fact that aged individuals are highly susceptible to conditions such as osteoporosis and other bone-related diseases, as minerals in bones of aged individuals start to leech out, making them brittle, fragile, and easily breakable, thereby necessitating the need for bone wax. As per the World Health Organization, the number of people aged 60

years and older was 1 billion in 2019. This number is estimated to increase to 1.4 billion by 2030 and 2.1 billion by 2050. Furthermore, a significant trend is the development and adoption of biodegradable bone wax, which significantly boosts the market growth. Traditional bone wax, which is non-resorbable, has been associated with complications like impaired bone healing and infection. In response, manufacturers are introducing bioresorbable options that reduce these risks while still effectively controlling bleeding. However, concerns associated with traditional bone wax hamper the market growth. For instance, traditional bone wax is non-resorbable and can lead to complications such as impaired bone healing, foreign body reactions, and an increased risk of infection. Moreover, availability and preference for alternative hemostatic agents, such as fibrin sealants, gelatin sponges, and oxidized cellulose, which may offer better resorption and fewer complications, are restraining the growth of the bone wax market. On the contrary, innovations in surgical techniques and the development of more efficient and biocompatible bone wax formulations are offering lucrative opportunities for the market growth during the forecast period. Furthermore, with heightened awareness of surgical site infections, there is a growing trend toward bone wax products that incorporate antimicrobial properties. These advanced formulations aim to reduce the risk of post-operative infections, particularly in high-risk surgeries such as those involving the spine or cranium. Such developments are expected to open new avenues for the market growth in the coming years.

The global bone wax market is segmented into product, application, end user, and region. By product, the market is divided into absorbable bone wax and non-absorbable bone wax. On the basis of application, it is classified into orthopedic surgery, thoracic surgery, neurosurgery, and others. Depending on end user, it is categorized into specialty clinics, hospitals, and ambulatory surgery centers. Region wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

### Key Findings

By product, the non-absorbable bone wax segment dominated the market, in terms of share, in 2023.

On the basis of application, the orthopedic segment was the major shareholder in 2023.

Depending on end user, hospital emerged as the leading segment in 2023.

Region wise, North America dominated the market share in 2023; however, Asia-Pacific is expected to register the highest CAGR during the forecast period.

## Competition Analysis

Competitive analysis and profiles of the major players in the global bone wax market include Zimmer Biomet Holdings, Inc., Medline Industries, Inc., Medtronic Plc, B Braun Melsungen AG, Baxter International, Inc, Johnson & Johnson, Dolphin Sutures, SMI AG, Orion Sutures India Pvt. Ltd., and Universal Suture. These major players have adopted various key development strategies such as business expansion, new product launches, and partnerships to gain a strong foothold in the global market.

Additional benefits you will get with this purchase are:

Quarterly Update and\* (only available with a corporate license, on listed price)

5 additional Company Profile of client Choice pre- or Post-purchase, as a free update.

Free Upcoming Version on the Purchase of Five and Enterprise User License.

16 analyst hours of support\* (post-purchase, if you find additional data requirements upon review of the report, you may receive support amounting to 16 analyst hours to solve questions, and post-sale queries)

15% Free Customization\* (in case the scope or segment of the report does not match your requirements, 15% is equivalent to 3 working days of free work, applicable once)

Free data Pack on the Five and Enterprise User License. (Excel version of the report)

Free Updated report if the report is 6-12 months old or older.

24-hour priority response\*

Free Industry updates and white papers.

Possible Customization with this report (with additional cost and timeline, please talk

to the sales executive to know more)

Regulatory Guidelines

Additional company profiles with specific client's interest

Additional country or region analysis- market size and forecast

Expanded list for Company Profiles

Historic market data

Key player details (including location, contact details, supplier/vendor network etc. in excel format)

Key Market Segments

By Product

Absorbable Bone Wax

Non-Absorbable Bone Wax

By Application

Orthopedic Surgery

Thoracic Surgery

Neurosurgery

Others

By End User

Specialty Clinics

Hospitals

Ambulatory Surgery Centers

## By Region

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Italy

Spain

Rest of Europe

Asia-Pacific

Japan

China

Australia

India

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

Key Market Players

Zimmer Biomet Holdings, Inc.

Medline Industries, Inc.

Medtronic plc

B Braun Melsungen AG

Baxter International, Inc

Johnson & Johnson

Dolphin Sutures

SMI AG

Orion Sutures India Pvt. Ltd

Universal Suture

## Contents

### CHAPTER 1: INTRODUCTION

- 1.1. Report Description
- 1.2. Key Market Segments
- 1.3. Key Benefits
- 1.4. Research Methodology
  - 1.4.1. Primary Research
  - 1.4.2. Secondary Research
  - 1.4.3. Analyst Tools and Models

### CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO Perspective

### CHAPTER 3: MARKET LANDSCAPE

- 3.1. Market Definition and Scope
- 3.2. Key Findings
  - 3.2.1. Top Investment Pockets
  - 3.2.2. Top Winning Strategies
- 3.3. Porter's Five Forces Analysis
  - 3.3.1. Bargaining Power of Suppliers
  - 3.3.2. Threat of New Entrants
  - 3.3.3. Threat of Substitutes
  - 3.3.4. Competitive Rivalry
  - 3.3.5. Bargaining Power among Buyers
- 3.4. Market Dynamics
  - 3.4.1. Drivers
  - 3.4.2. Restraints
  - 3.4.3. Opportunities

### CHAPTER 4: BREAST CANCER SCREENING MARKET, BY TEST TYPE

- 4.1. Market Overview
  - 4.1.1 Market Size and Forecast, By Test Type
- 4.2. Blood Marker Test
  - 4.2.1. Key Market Trends, Growth Factors and Opportunities

- 4.2.2. Market Size and Forecast, By Region
- 4.2.3. Market Share Analysis, By Country
- 4.3. Genetic Test
  - 4.3.1. Key Market Trends, Growth Factors and Opportunities
  - 4.3.2. Market Size and Forecast, By Region
  - 4.3.3. Market Share Analysis, By Country
- 4.4. Imaging Test
  - 4.4.1. Key Market Trends, Growth Factors and Opportunities
  - 4.4.2. Market Size and Forecast, By Region
  - 4.4.3. Market Share Analysis, By Country
- 4.5. Immunohistochemistry Test
  - 4.5.1. Key Market Trends, Growth Factors and Opportunities
  - 4.5.2. Market Size and Forecast, By Region
  - 4.5.3. Market Share Analysis, By Country

## **CHAPTER 5: BREAST CANCER SCREENING MARKET, BY GENDER**

- 5.1. Market Overview
  - 5.1.1 Market Size and Forecast, By Gender
- 5.2. Male
  - 5.2.1. Key Market Trends, Growth Factors and Opportunities
  - 5.2.2. Market Size and Forecast, By Region
  - 5.2.3. Market Share Analysis, By Country
- 5.3. Female
  - 5.3.1. Key Market Trends, Growth Factors and Opportunities
  - 5.3.2. Market Size and Forecast, By Region
  - 5.3.3. Market Share Analysis, By Country

## **CHAPTER 6: BREAST CANCER SCREENING MARKET, BY END USER**

- 6.1. Market Overview
  - 6.1.1 Market Size and Forecast, By End User
- 6.2. Specialty Clinics
  - 6.2.1. Key Market Trends, Growth Factors and Opportunities
  - 6.2.2. Market Size and Forecast, By Region
  - 6.2.3. Market Share Analysis, By Country
- 6.3. Hospitals
  - 6.3.1. Key Market Trends, Growth Factors and Opportunities
  - 6.3.2. Market Size and Forecast, By Region

- 6.3.3. Market Share Analysis, By Country
- 6.4. Diagnostic Centers
  - 6.4.1. Key Market Trends, Growth Factors and Opportunities
  - 6.4.2. Market Size and Forecast, By Region
  - 6.4.3. Market Share Analysis, By Country
- 6.5. Other
  - 6.5.1. Key Market Trends, Growth Factors and Opportunities
  - 6.5.2. Market Size and Forecast, By Region
  - 6.5.3. Market Share Analysis, By Country

## **CHAPTER 7: BREAST CANCER SCREENING MARKET, BY REGION**

- 7.1. Market Overview
  - 7.1.1 Market Size and Forecast, By Region
- 7.2. North America
  - 7.2.1. Key Market Trends and Opportunities
  - 7.2.2. Market Size and Forecast, By Test Type
  - 7.2.3. Market Size and Forecast, By Gender
  - 7.2.4. Market Size and Forecast, By End User
  - 7.2.5. Market Size and Forecast, By Country
  - 7.2.6. U.S. Breast Cancer Screening Market
    - 7.2.6.1. Market Size and Forecast, By Test Type
    - 7.2.6.2. Market Size and Forecast, By Gender
    - 7.2.6.3. Market Size and Forecast, By End User
  - 7.2.7. Canada Breast Cancer Screening Market
    - 7.2.7.1. Market Size and Forecast, By Test Type
    - 7.2.7.2. Market Size and Forecast, By Gender
    - 7.2.7.3. Market Size and Forecast, By End User
  - 7.2.8. Mexico Breast Cancer Screening Market
    - 7.2.8.1. Market Size and Forecast, By Test Type
    - 7.2.8.2. Market Size and Forecast, By Gender
    - 7.2.8.3. Market Size and Forecast, By End User
- 7.3. Europe
  - 7.3.1. Key Market Trends and Opportunities
  - 7.3.2. Market Size and Forecast, By Test Type
  - 7.3.3. Market Size and Forecast, By Gender
  - 7.3.4. Market Size and Forecast, By End User
  - 7.3.5. Market Size and Forecast, By Country
  - 7.3.6. Germany Breast Cancer Screening Market

- 7.3.6.1. Market Size and Forecast, By Test Type
- 7.3.6.2. Market Size and Forecast, By Gender
- 7.3.6.3. Market Size and Forecast, By End User
- 7.3.7. France Breast Cancer Screening Market
  - 7.3.7.1. Market Size and Forecast, By Test Type
  - 7.3.7.2. Market Size and Forecast, By Gender
  - 7.3.7.3. Market Size and Forecast, By End User
- 7.3.8. UK Breast Cancer Screening Market
  - 7.3.8.1. Market Size and Forecast, By Test Type
  - 7.3.8.2. Market Size and Forecast, By Gender
  - 7.3.8.3. Market Size and Forecast, By End User
- 7.3.9. Italy Breast Cancer Screening Market
  - 7.3.9.1. Market Size and Forecast, By Test Type
  - 7.3.9.2. Market Size and Forecast, By Gender
  - 7.3.9.3. Market Size and Forecast, By End User
- 7.3.10. Spain Breast Cancer Screening Market
  - 7.3.10.1. Market Size and Forecast, By Test Type
  - 7.3.10.2. Market Size and Forecast, By Gender
  - 7.3.10.3. Market Size and Forecast, By End User
- 7.3.11. Rest of Europe Breast Cancer Screening Market
  - 7.3.11.1. Market Size and Forecast, By Test Type
  - 7.3.11.2. Market Size and Forecast, By Gender
  - 7.3.11.3. Market Size and Forecast, By End User
- 7.4. Asia-Pacific
  - 7.4.1. Key Market Trends and Opportunities
  - 7.4.2. Market Size and Forecast, By Test Type
  - 7.4.3. Market Size and Forecast, By Gender
  - 7.4.4. Market Size and Forecast, By End User
  - 7.4.5. Market Size and Forecast, By Country
  - 7.4.6. Japan Breast Cancer Screening Market
    - 7.4.6.1. Market Size and Forecast, By Test Type
    - 7.4.6.2. Market Size and Forecast, By Gender
    - 7.4.6.3. Market Size and Forecast, By End User
  - 7.4.7. China Breast Cancer Screening Market
    - 7.4.7.1. Market Size and Forecast, By Test Type
    - 7.4.7.2. Market Size and Forecast, By Gender
    - 7.4.7.3. Market Size and Forecast, By End User
  - 7.4.8. Australia Breast Cancer Screening Market
    - 7.4.8.1. Market Size and Forecast, By Test Type

- 7.4.8.2. Market Size and Forecast, By Gender
- 7.4.8.3. Market Size and Forecast, By End User
- 7.4.9. India Breast Cancer Screening Market
  - 7.4.9.1. Market Size and Forecast, By Test Type
  - 7.4.9.2. Market Size and Forecast, By Gender
  - 7.4.9.3. Market Size and Forecast, By End User
- 7.4.10. South Korea Breast Cancer Screening Market
  - 7.4.10.1. Market Size and Forecast, By Test Type
  - 7.4.10.2. Market Size and Forecast, By Gender
  - 7.4.10.3. Market Size and Forecast, By End User
- 7.4.11. Rest of Asia-Pacific Breast Cancer Screening Market
  - 7.4.11.1. Market Size and Forecast, By Test Type
  - 7.4.11.2. Market Size and Forecast, By Gender
  - 7.4.11.3. Market Size and Forecast, By End User
- 7.5. LAMEA
  - 7.5.1. Key Market Trends and Opportunities
  - 7.5.2. Market Size and Forecast, By Test Type
  - 7.5.3. Market Size and Forecast, By Gender
  - 7.5.4. Market Size and Forecast, By End User
  - 7.5.5. Market Size and Forecast, By Country
  - 7.5.6. Brazil Breast Cancer Screening Market
    - 7.5.6.1. Market Size and Forecast, By Test Type
    - 7.5.6.2. Market Size and Forecast, By Gender
    - 7.5.6.3. Market Size and Forecast, By End User
  - 7.5.7. Saudi Arabia Breast Cancer Screening Market
    - 7.5.7.1. Market Size and Forecast, By Test Type
    - 7.5.7.2. Market Size and Forecast, By Gender
    - 7.5.7.3. Market Size and Forecast, By End User
  - 7.5.8. South Africa Breast Cancer Screening Market
    - 7.5.8.1. Market Size and Forecast, By Test Type
    - 7.5.8.2. Market Size and Forecast, By Gender
    - 7.5.8.3. Market Size and Forecast, By End User
  - 7.5.9. Rest of LAMEA Breast Cancer Screening Market
    - 7.5.9.1. Market Size and Forecast, By Test Type
    - 7.5.9.2. Market Size and Forecast, By Gender
    - 7.5.9.3. Market Size and Forecast, By End User

## **CHAPTER 8: COMPETITIVE LANDSCAPE**

- 8.1. Introduction
- 8.2. Top Winning Strategies
- 8.3. Product Mapping of Top 10 Player
- 8.4. Competitive Dashboard
- 8.5. Competitive Heatmap
- 8.6. Top Player Positioning, 2023

## **CHAPTER 9: COMPANY PROFILES**

- 9.1. Siemens Healthineers AG
  - 9.1.1. Company Overview
  - 9.1.2. Key Executives
  - 9.1.3. Company Snapshot
  - 9.1.4. Operating Business Segments
  - 9.1.5. Product Portfolio
  - 9.1.6. Business Performance
  - 9.1.7. Key Strategic Moves and Developments
- 9.2. Myriad Genetics, Inc.
  - 9.2.1. Company Overview
  - 9.2.2. Key Executives
  - 9.2.3. Company Snapshot
  - 9.2.4. Operating Business Segments
  - 9.2.5. Product Portfolio
  - 9.2.6. Business Performance
  - 9.2.7. Key Strategic Moves and Developments
- 9.3. Metabolomic Technologies Inc
  - 9.3.1. Company Overview
  - 9.3.2. Key Executives
  - 9.3.3. Company Snapshot
  - 9.3.4. Operating Business Segments
  - 9.3.5. Product Portfolio
  - 9.3.6. Business Performance
  - 9.3.7. Key Strategic Moves and Developments
- 9.4. Biocrates Lifesciences AG
  - 9.4.1. Company Overview
  - 9.4.2. Key Executives
  - 9.4.3. Company Snapshot
  - 9.4.4. Operating Business Segments
  - 9.4.5. Product Portfolio

- 9.4.6. Business Performance
- 9.4.7. Key Strategic Moves and Developments
- 9.5. A&G Pharmaceutical
  - 9.5.1. Company Overview
  - 9.5.2. Key Executives
  - 9.5.3. Company Snapshot
  - 9.5.4. Operating Business Segments
  - 9.5.5. Product Portfolio
  - 9.5.6. Business Performance
  - 9.5.7. Key Strategic Moves and Developments
- 9.6. Provista Diagnostics Inc
  - 9.6.1. Company Overview
  - 9.6.2. Key Executives
  - 9.6.3. Company Snapshot
  - 9.6.4. Operating Business Segments
  - 9.6.5. Product Portfolio
  - 9.6.6. Business Performance
  - 9.6.7. Key Strategic Moves and Developments
- 9.7. F. Hoffmann-La Roche AG
  - 9.7.1. Company Overview
  - 9.7.2. Key Executives
  - 9.7.3. Company Snapshot
  - 9.7.4. Operating Business Segments
  - 9.7.5. Product Portfolio
  - 9.7.6. Business Performance
  - 9.7.7. Key Strategic Moves and Developments
- 9.8. Volpara Health Limited
  - 9.8.1. Company Overview
  - 9.8.2. Key Executives
  - 9.8.3. Company Snapshot
  - 9.8.4. Operating Business Segments
  - 9.8.5. Product Portfolio
  - 9.8.6. Business Performance
  - 9.8.7. Key Strategic Moves and Developments
- 9.9. Quest Diagnostics Inc.
  - 9.9.1. Company Overview
  - 9.9.2. Key Executives
  - 9.9.3. Company Snapshot
  - 9.9.4. Operating Business Segments

9.9.5. Product Portfolio

9.9.6. Business Performance

9.9.7. Key Strategic Moves and Developments

9.10. GE Healthcare

9.10.1. Company Overview

9.10.2. Key Executives

9.10.3. Company Snapshot

9.10.4. Operating Business Segments

9.10.5. Product Portfolio

9.10.6. Business Performance

9.10.7. Key Strategic Moves and Developments

## I would like to order

Product name: Bone Wax Market By Product (Absorbable Bone Wax, Non-Absorbable Bone Wax) , By Application (Orthopedic Surgery, Thoracic Surgery, Neurosurgery, Others) By End User (Specialty Clinics, Hospitals, Ambulatory Surgery Centers) : Global Opportunity Analysis and Industry Forecast, 2024-2033

Product link: <https://marketpublishers.com/r/B95EEEC76F1EN.html>

Price: US\$ 2,655.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/B95EEEC76F1EN.html>