

Internal Trauma Fixation Device Market Report by Product (Closure Device, Bone Cement), Material (Stainless Steel, Nitinol, Titanium, Tritium, Polyether Ether Ketone (PEEK)), End User (Hospitals, Orthopedic Surgical Centers, Trauma Centers, Ambulatory Centers), and Region 2024-2032

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Abstracts

The global internal trauma fixation device market size reached US\$ 10.2 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 15.3 Billion by 2032, exhibiting a growth rate (CAGR) of 4.5% during 2024-2032.

Internal trauma fixation devices refer to the biologically inert medical tools implanted for the stabilization of fractured bones in the body. Some of the commonly used devices include cannulated screws, intramedullary nails, hip screws, cables, wires, plates and pins. They are manufactured using stainless steel, tritium, nitinol, polyether ether ketone (PEEK), nickel and titanium and are corrosion resistant and adjustable according to the bone structure. They aid in maintaining the original shape of the bone and facilitate repair by restricting the movement of fractured bones. As a result, they are widely used across hospitals, orthopedic surgical centers and trauma and ambulatory centers.

Internal Trauma Fixation Device Market Trends:

The increasing prevalence of orthopedic disorders, along with the rising geriatric population across the globe, is one of the key factors driving the growth of the market. Moreover, the rising incidence of road accidents and sports-related injuries are providing a thrust to the market growth. The internal trauma fixation devices are widely used for elderly patients, which are more prone to fractures and joint dislocation due to

osteoporosis and other bone-related disorders. This has further led to the increasing adoption of biocompatible, elastic and fatigue and kink-resistant closure devices, which is also contributing to the market growth. In line with this, the increasing adoption of minimally invasive (MI) surgical procedures for the placement of internal trauma fixation devices is favoring the growth of the market. Additionally, various innovations in implant technologies and the development of cement-augmented transiliacal internal fixators are acting as other growth-inducing factors. These devices provide improved stabilization of fractures in the pelvis. Other factors, including the rising healthcare expenditure capacities of the masses, along with extensive research and development (R&D) activities, are anticipated to drive the market toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global internal trauma fixation device market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product, material and end user.

Breakup by Product:

Closure Device

Plates and Screws

Wires

Clips and Pins

Rods and Nails

Cables

Bone Cement

Breakup by Material:

Stainless Steel

Nitinol

Titanium

Tritium

Polyether Ether Ketone (PEEK)

Breakup by End User:

Hospitals

Orthopedic Surgical Centers

Trauma Centers

Ambulatory Centers

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Arthrex Inc., B. Braun Melsungen AG, Globus Medical Inc., Johnson & Johnson Private Limited, Medartis AG, Orthofix Medical Inc., Orthopaedic Implant Company, OsteoMed (Berkshire Hathaway Inc.), Smith & Nephew plc, Stryker Corporation and Zimmer Biomet.

Key Questions Answered in This Report

1. How big is the global internal trauma fixation device market?
2. What is the expected growth rate of the global internal trauma fixation device market during 2024-2032?
3. What are the key factors driving the global internal trauma fixation device market?
4. What has been the impact of COVID-19 on the global internal trauma fixation device market?
5. What is the breakup of the global internal trauma fixation device market based on the product?
6. What is the breakup of the global internal trauma fixation device market based on the material?
7. What is the breakup of the global internal trauma fixation device market based on the end user?
8. What are the key regions in the global internal trauma fixation device market?
9. Who are the key players/companies in the global internal trauma fixation device market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL INTERNAL TRAUMA FIXATION DEVICE MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT

- 6.1 Closure Device
 - 6.1.1 Market Trends
 - 6.1.2 Key Segments
 - 6.1.2.1 Plates and Screws
 - 6.1.2.2 Wires
 - 6.1.2.3 Clips and Pins
 - 6.1.2.4 Rods and Nails

- 6.1.2.5 Cables
- 6.1.3 Market Forecast
- 6.2 Bone Cement
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast

7 MARKET BREAKUP BY MATERIAL

- 7.1 Stainless Steel
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Nitinol
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Titanium
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Tritium
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Polyether Ether Ketone (PEEK)
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast

8 MARKET BREAKUP BY END USER

- 8.1 Hospitals
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Orthopedic Surgical Centers
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Trauma Centers
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Ambulatory Centers
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

9.3.1.1 Market Trends

9.3.1.2 Market Forecast

9.3.2 France

9.3.2.1 Market Trends

9.3.2.2 Market Forecast

9.3.3 United Kingdom

- 9.3.3.1 Market Trends
- 9.3.3.2 Market Forecast
- 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 Arthrex Inc.
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.1.3 SWOT Analysis
 - 14.3.2 B. Braun Melsungen AG
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 SWOT Analysis
 - 14.3.3 Globus Medical Inc.
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.3.4 SWOT Analysis
 - 14.3.4 Johnson & Johnson Private Limited
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.4.4 SWOT Analysis
 - 14.3.5 Medartis AG
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.6 Orthofix Medical Inc.
 - 14.3.6.1 Company Overview

- 14.3.6.2 Product Portfolio
- 14.3.6.3 Financials
- 14.3.6.4 SWOT Analysis
- 14.3.7 Orthopaedic Implant Company
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
- 14.3.8 OsteoMed (Berkshire Hathaway Inc.)
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
- 14.3.9 Smith & Nephew plc
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
 - 14.3.9.4 SWOT Analysis
- 14.3.10 Stryker Corporation
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
 - 14.3.10.4 SWOT Analysis
- 14.3.11 Zimmer Biomet
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
 - 14.3.11.3 Financials
 - 14.3.11.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Internal Trauma Fixation Device Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Internal Trauma Fixation Device Market Forecast: Breakup by Product (in Million US\$), 2024-2032

Table 3: Global: Internal Trauma Fixation Device Market Forecast: Breakup by Material (in Million US\$), 2024-2032

Table 4: Global: Internal Trauma Fixation Device Market Forecast: Breakup by End User (in Million US\$), 2024-2032

Table 5: Global: Internal Trauma Fixation Device Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 6: Global: Internal Trauma Fixation Device Market: Competitive Structure

Table 7: Global: Internal Trauma Fixation Device Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Internal Trauma Fixation Device Market: Major Drivers and Challenges

Figure 2: Global: Internal Trauma Fixation Device Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Internal Trauma Fixation Device Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Internal Trauma Fixation Device Market: Breakup by Product (in %), 2023

Figure 5: Global: Internal Trauma Fixation Device Market: Breakup by Material (in %), 2023

Figure 6: Global: Internal Trauma Fixation Device Market: Breakup by End User (in %), 2023

Figure 7: Global: Internal Trauma Fixation Device Market: Breakup by Region (in %), 2023

Figure 8: Global: Internal Trauma Fixation Device (Closure Device) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 9: Global: Internal Trauma Fixation Device (Closure Device) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 10: Global: Internal Trauma Fixation Device (Bone Cement) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 11: Global: Internal Trauma Fixation Device (Bone Cement) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 12: Global: Internal Trauma Fixation Device (Stainless Steel) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 13: Global: Internal Trauma Fixation Device (Stainless Steel) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 14: Global: Internal Trauma Fixation Device (Nitinol) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 15: Global: Internal Trauma Fixation Device (Nitinol) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 16: Global: Internal Trauma Fixation Device (Titanium) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 17: Global: Internal Trauma Fixation Device (Titanium) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: Internal Trauma Fixation Device (Tritium) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: Internal Trauma Fixation Device (Tritium) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 20: Global: Internal Trauma Fixation Device (Polyether Ether Ketone-PEEK) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: Global: Internal Trauma Fixation Device (Polyether Ether Ketone-PEEK) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 22: Global: Internal Trauma Fixation Device (Hospitals) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: Global: Internal Trauma Fixation Device (Hospitals) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: Internal Trauma Fixation Device (Orthopedic Surgical Centers) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Global: Internal Trauma Fixation Device (Orthopedic Surgical Centers) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Global: Internal Trauma Fixation Device (Trauma Centers) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Global: Internal Trauma Fixation Device (Trauma Centers) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Global: Internal Trauma Fixation Device (Ambulatory Centers) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: Global: Internal Trauma Fixation Device (Ambulatory Centers) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: North America: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: North America: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: United States: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: United States: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: Canada: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: Canada: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: Asia-Pacific: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: Asia-Pacific: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: China: Internal Trauma Fixation Device Market: Sales Value (in Million US\$),

2018 & 2023

Figure 39: China: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: Japan: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: Japan: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: India: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: India: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 44: South Korea: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: South Korea: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: Australia: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: Australia: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 48: Indonesia: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 49: Indonesia: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 50: Others: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 51: Others: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 52: Europe: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 53: Europe: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 54: Germany: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 55: Germany: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 56: France: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 57: France: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 58: United Kingdom: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 59: United Kingdom: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 60: Italy: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 61: Italy: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 62: Spain: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 63: Spain: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 64: Russia: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 65: Russia: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 66: Others: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 67: Others: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 68: Latin America: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 69: Latin America: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 70: Brazil: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 71: Brazil: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 72: Mexico: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 73: Mexico: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 74: Others: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 75: Others: Internal Trauma Fixation Device Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 76: Middle East and Africa: Internal Trauma Fixation Device Market: Sales Value (in Million US\$), 2018 & 2023

Figure 77: Middle East and Africa: Internal Trauma Fixation Device Market: Breakup by

Country (in %), 2023

Figure 78: Middle East and Africa: Internal Trauma Fixation Device Market Forecast:
Sales Value (in Million US\$), 2024-2032

Figure 79: Global: Internal Trauma Fixation Device Industry: SWOT Analysis

Figure 80: Global: Internal Trauma Fixation Device Industry: Value Chain Analysis

Figure 81: Global: Internal Trauma Fixation Device Industry: Porter's Five Forces
Analysis

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