

# **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**

<https://marketpublishers.com/r/I957EBF16867EN.html>

Date: September 2024

Pages: 146

Price: US\$ 3,509.00 (Single User License)

ID: I957EBF16867EN

## **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?

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