

Trauma Implants Market Poised to Surge from \$8.4B to \$15.2B by 2031 Amid Rising Accident Rates and Aging Population |

PORTLAND, OREGON, UNITED STATES, August 26, 2024 /EINPresswire.com/ -- The global [trauma implants market](#), valued at \$8.4 billion in 2021, is expected to reach \$15.2 billion by 2031, growing at a compound annual growth rate (CAGR) of 6.1% from 2022 to 2031. This robust growth is primarily fueled by the rising incidence of traumatic injuries, advancements in implant technology, and an aging population prone to fractures.

Key Market Players

1. Johnson & Johnson (Depuy Synthes)
2. Globus Medical Inc.
3. Stryker Corporations
4. Conformis
5. Siora Surgicals
6. Orthofix Medical
7. Bioretec Ltd
8. Colson Medical Llc (Acumed)
9. Zimmer Biomet Holdings
10. Medtronic Plc
11. B. Braun Melsungen Ag
12. Smith & Nephew plc



TRAUMA IMPLANTS MARKET
OPPORTUNITIES AND FORECAST, 2021 - 2031

Trauma implants market is expected to reach **\$15.2 Billion** in 2031

Growing at a **CAGR of 6.1%** (2022-2031)

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Rising Incidence of Traumatic Injuries

The increasing number of road traffic accidents globally is a significant driver of the trauma implants market. These accidents often result in bone fractures that require surgical intervention using implants. For instance, in 2019, India reported 437,396 road accidents, highlighting the high demand for trauma care solutions. Similarly, the U.S. saw a 10.5% increase in road accident cases in 2021 compared to the previous year, underscoring the critical need for trauma implants.

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Trauma implants are typically made from metallic materials such as titanium, cobalt alloys, and stainless steel, known for their durability and compatibility with the human body. The market is also witnessing a growing interest in bioabsorbable materials, such as polyglycolic acid (PGA) and polylactic acid (PLA), which offer advantages like reduced need for secondary surgeries to remove implants. These materials are particularly popular in bioabsorbable fixators, which help stabilize fractured bones and promote natural healing.

Aging Population as a Market Driver

The global aging population is another key factor driving the demand for trauma implants. Older adults are more susceptible to fractures due to conditions like osteoporosis. According to the World Health Organization (WHO), the number of people aged 60 and older is projected to rise from 1 billion in 2019 to 1.4 billion by 2030, creating a substantial market opportunity for trauma implant manufacturers.

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Despite the promising growth trajectory, the trauma implants market faces several challenges. These include the risk of infection and pain associated with implants, the high cost of surgeries, and stringent regulatory requirements for product approval. These factors may hinder market expansion, particularly in regions with limited healthcare infrastructure.

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The increasing healthcare expenditure in developing countries, particularly in Asia-Pacific, presents significant opportunities for market growth. As awareness about innovative trauma implant surgeries rises, and research and development activities intensify, the region is expected to see substantial market expansion. For example, Johnson & Johnson's launch of the 2.7 mm Variable Angle Locking Compression Plate (VALCP) in June 2021 demonstrates the potential for new product innovations to drive market growth.

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The market is segmented by product type, material type, end user, and region:

- Product Type: The screws segment dominated the market in 2021 due to their widespread use

in treating tibial fractures. Bioabsorbable fixators are expected to grow significantly, driven by their advantages in bone stabilization.

- **Material Type:** Metallic biomaterials led the market in 2021, with a continued demand for metallic screws and interlocking nails. However, bioabsorbable materials are anticipated to witness considerable growth due to their innovative applications in trauma care.
- **End User:** Hospitals accounted for the largest market share in 2021, attributed to their capacity to provide high-quality trauma implant surgeries. Orthopedic centers are expected to see notable growth as the number of specialized trauma implant surgeries increases.
- **Regional Analysis:** North America dominated the market in 2021, benefiting from a well-established healthcare infrastructure and the presence of key market players. Asia-Pacific is projected to experience significant growth, driven by increased awareness and advancements in the pharmaceutical sector.

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