Osteosynthesis Devices Market Study Explores Industry Growth Toward $13.34 Billion

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The Business Research Company Secures Position as Premier Market Research Firm in 2023, Recognized by Business Management Review.

LONDON, GREATER LONDON, UNITED KINGDOM, August 21, 2026 /EINPresswire.com/ -- "The osteosynthesis devices market has witnessed significant growth recently, driven by various clinical and demographic factors. As the demand for advanced orthopedic solutions increases worldwide, this market is set to continue expanding steadily over the coming years. Here is a detailed overview of the market's current status, key growth drivers, regional dynamics, and future outlook.

> Expected to grow to $13.35 billion in 2030 at a compound annual growth rate (CAGR) of 5.8%"
>
> *The Business Research Company*

Strong Growth Momentum in the Osteosynthesis Devices Market Size
The osteosynthesis devices market has experienced robust expansion in recent years. It is projected to increase from $10.09 billion in 2025 to $10.67 billion in 2026, reflecting a compound annual growth rate (CAGR) of 5.7%. This historical growth is primarily fueled by a rising number of traumatic fractures and orthopedic injuries, early clinical acceptance of plates, screws, and intramedullary nails for fracture fixation, and the expanding use of internal fixation techniques in trauma care at hospitals. Additionally, the growth of orthopedic clinics that perform fracture repair procedures and the growing demand for non-degradable metallic implants to treat adult fractures have contributed to this upward trend.

Download a free sample of the osteosynthesis devices market report:
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Future Outlook and Market Expansion Prospects in Osteosynthesis Devices

Looking ahead, the osteosynthesis devices market is expected to show strong growth, reaching $13.35 billion by 2030 with a CAGR of 5.8%. This forecasted growth is driven by the increasing elderly population prone to osteoporosis-related fractures, greater adoption of degradable osteosynthesis materials, and a rise in the number of procedures carried out in ambulatory surgical centers. Furthermore, the demand for treatment of hip and spine fractures is rising, alongside improved access to osteosynthesis care in emerging healthcare markets. Key trends shaping the market include wider use of internal fixation devices for complex fractures, increased incorporation of implants in hip and spine fracture management, preference for biodegradable and patient-friendly implant materials, growth in ambulatory surgical procedures, and enhanced utilization of compression plates and screws to ensure better bone stability.

Understanding Osteosynthesis Devices and Their Purpose
Osteosynthesis devices encompass orthopedic tools and implants designed to stabilize and support fractured or damaged bones. Their primary role is to accelerate the healing process by restoring the structural integrity of bones, thus helping patients regain mobility and function more efficiently after injuries.

View the full osteosynthesis devices market report:
https://www.thebusinessresearchcompany.com/report/osteosynthesis-devices-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Aug_PR

Road Accidents as a Major Growth Driver for Osteosynthesis Devices
A key factor propelling the osteosynthesis devices market is the rising number of road traffic accidents. These incidents often involve collisions between vehicles or with other objects, causing severe orthopedic injuries like fractures and bone breaks. Osteosynthesis devices play a crucial role in rehabilitating patients affected by these accidents by aiding in bone repair and recovery. For example, a report from January 2024 by The Road Safety Authority, an Ireland-based government agency, highlighted increases in injuries among various road users, including drivers (+13), passengers (+12), motorcyclists (+4), pedal cyclists (+2), pedestrians (+1), and others (+1). The average monthly death toll also rose from 13 in 2022 to 16 in 2023. This upward trend in road accidents is significantly contributing to the demand growth for osteosynthesis devices.

Regional Leadership and Growth Prospects in the Osteosynthesis Devices Market
In 2025, North America held the largest share of the osteosynthesis devices market. However, the Asia-Pacific region is expected to register the fastest growth during the forecast period. The market analysis encompasses a broad geographic scope, including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive view of global market trends and opportunities.

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