

# Intraosseous Infusion Devices Market Accelerates Across USA, Europe, APAC & Saudi Arabia with 7.5% CAGR to 2035

*Intraosseous infusion devices market projected to double to USD 10.46B by 2035, driven by rising emergency cases, smart device adoption, and global healthcare.*

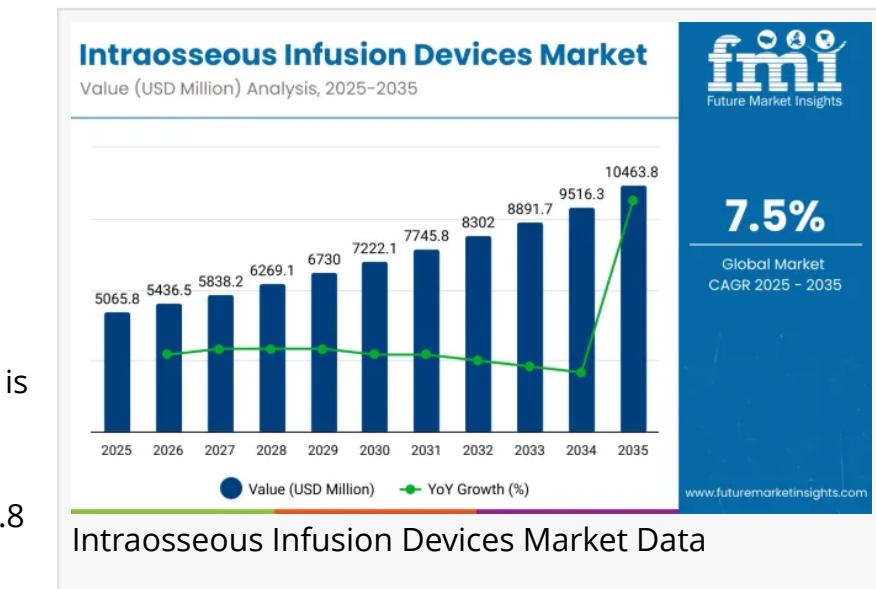
FRANCE, November 10, 2025 /EINPresswire.com/ -- The global [intraosseous infusion devices market](#) is positioned for robust growth, with sales expected to increase from USD 5,065.8 million in 2025 to USD 10,463.8 million by 2035, reflecting a steady CAGR of 7.5% during the forecast period.

The market recorded revenue of USD 4,725.6 million in 2024, supported by ongoing advancements in emergency medical response systems, rising prevalence of chronic diseases, and expanding healthcare infrastructures across major global regions including the United States, Europe, Asia-Pacific (APAC), and Saudi Arabia.

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The market is entering a critical growth phase as emergency medicine standards evolve, especially in developing trauma systems.”

*Sabyasachi Ghosh*



Intraosseous Infusion Devices Market Data

Intraosseous infusion devices are essential tools used for rapid vascular access when intravenous (IV) access is delayed or unsuccessful, typically in emergency and critical care scenarios. Their design enables direct infusion of fluids and medications into bone marrow, allowing immediate treatment in life-threatening situations such as cardiac arrest, trauma, shock, dehydration, seizures, and complex comorbidities. With emergency medical services (EMS) worldwide adopting faster intervention protocols,

these devices are becoming a frontline component of trauma and resuscitation care.

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## Key Growth Drivers

The escalation in cardiovascular diseases remains a pivotal factor influencing demand. According to the American Heart Association, cardiovascular conditions are responsible for 17.3 million deaths annually and are projected to reach 23.6 million deaths by 2030. Rapid vascular access is critical in cardiac arrest cases, where treatment delays can significantly increase mortality risk. Intraosseous delivery provides an alternative to IV access when time is limited or peripheral veins have collapsed due to shock.

Additionally, sedentary lifestyles and aging demographics are contributing to chronic illnesses such as renal failure, COPD, and metabolic disorders, thereby driving hospitalizations and emergency care requirements. Rising trauma cases from traffic accidents globally and continued expansions in air and ground ambulance services are also expected to support market adoption.

## Regional Outlook

- United States: The country leads the market with strong adoption across hospitals and EMS organizations, driven by training integration and updated clinical guidelines. The U.S. market is anticipated to grow at a CAGR of 7.4% between 2025 and 2035.
- Europe: Germany and France demonstrate strong demand due to advanced trauma response systems and high investment in medical innovation. Germany is projected to grow at 8.0% CAGR through 2035.
- Asia-Pacific (APAC): Rapid healthcare modernization in China and India is accelerating device adoption. India is expected to lead the region with a CAGR of 8.7% during the forecast period.
- Saudi Arabia: Increased government spending on emergency medical infrastructure, military healthcare, and advanced trauma centers continues to drive demand.

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## Product and Technology Trends

The EZ-IO device segment holds the largest product share, accounting for 21.5% in 2025, primarily attributed to its ease of use and rapid access capabilities in under 30 seconds. Sternum-based intraosseous administration remains the most preferred route, capturing 30.9% of the market due to its anatomical accessibility during CPR.

Automated and power-driven intraosseous systems are seeing heightened adoption due to minimal training requirements and increased success rates, particularly in pre-hospital emergency settings and remote environments.

## Competitive Landscape

Tier 1 manufacturers including Teleflex, Becton Dickinson (BD), PerSys Medical, and Cook Medical continue to dominate with strong R&D pipelines and global distribution networks. Innovations such as real-time placement feedback, safety-engineered needles, and data-connected infusion systems are shaping next-generation device configurations.

Recent advancements include BD's introduction of a rechargeable driver-based IO system with integrated needlestick safety enhancements and Teleflex's continued optimization of its FAST1™ system for sternal access reliability.

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