

# **Global Tourniquet Systems Market Size Study, By Product (Tourniquet Instrument, Tourniquet Cuffs – Pneumatic, Disposable, Reusable, Non-pneumatic), By Application (Hospitals, Ambulatory Settings, Non-institutional Use), By Region, and Regional Forecasts 2022-2032**

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## **Abstracts**

The global tourniquet systems market was valued at approximately USD 465.7 million in 2023 and is anticipated to grow at a compound annual growth rate (CAGR) of 8.0% from 2024 to 2032, reaching an estimated USD 930.94 million by 2032. The market growth is fueled by factors such as the increasing geriatric population, rising prevalence of orthopedic disorders, and growing awareness of trauma care and emergency interventions.

Tourniquet systems play a crucial role in healthcare by effectively controlling bleeding during surgeries and emergency situations, especially in orthopedic and trauma care. Technological advancements in tourniquet systems have enabled more precise pressure control and monitoring, reducing complications such as nerve damage or ischemia. Moreover, the adoption of disposable pneumatic cuffs for infection control and the growing preference for reusable tourniquet systems in cost-conscious settings further drive market growth.

The rising incidence of sports injuries, road accidents, and lifestyle-related disorders has significantly contributed to the demand for advanced tourniquet systems. In addition, increasing awareness of first-aid and emergency preparedness in non-institutional settings, such as homes, workplaces, and outdoor activities, has spurred the adoption of portable and user-friendly tourniquet systems.

Key factors driving the market include:

**Orthopedic Surgeries and Trauma Care:** The growing number of orthopedic surgeries and trauma cases globally has increased the demand for tourniquet systems, particularly in hospitals and ambulatory settings.

**Technological Advancements:** Innovations such as single-use disposable pneumatic cuffs, user-friendly designs, and advanced safety features are contributing to market growth.

**Rising Adoption in Non-institutional Settings:** Awareness about emergency first-aid and access to affordable and efficient medical devices have propelled demand in non-institutional settings.

However, challenges such as high costs associated with advanced systems and affordability issues in developing regions may restrain market growth.

Regional Insights:

**North America:** Dominated the global market with a revenue share of over 45.5% in 2023, driven by a robust healthcare infrastructure, a large geriatric population, and high adoption of advanced medical devices.

**Europe:** Expected to grow significantly due to increasing demand for minimally invasive surgeries and well-established healthcare policies promoting advanced tourniquet systems.

**Asia Pacific:** Projected to witness the fastest growth due to rising healthcare expenditure, population growth, and increasing awareness of trauma care in countries like India and China.

**Latin America and MEA:** These regions are seeing steady growth due to improving healthcare infrastructure and rising awareness of first-aid applications.

Major market players included in this report are:

Delfi Medical Innovations Inc.

Zimmer Biomet Holdings Inc.

Stryker Corporation

AneticAid Ltd.

OHK Medical Devices

VBM Medizintechnik GmbH

Dessillons & Dutrillaux

Hammarplast Medical AB

Ulrich Medical

Technimount E.M.S.

The detailed segments and sub-segments of the market are explained below:

By Product:

Tourniquet Instrument

Tourniquet Cuffs

Pneumatic

Disposable

Reusable

Non-pneumatic

By Application:

Hospitals

Ambulatory Settings

Non-institutional Use

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Italy

Spain

Scandinavia (Denmark, Sweden, Norway)

Asia Pacific

China

India

Japan

Australia

Thailand

Latin America

Brazil

Argentina

Middle East & Africa

Saudi Arabia

South Africa

UAE

Kuwait

Years considered for the study are as follows:

Historical year –2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approaches.

Analysis of the competitive structure of the market.

Demand-side and supply-side analysis of the market.

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