

# **Global Arterial Cannula Market Size study, by Application (Cardiopulmonary Bypass Surgery, Extracorporeal Membrane Oxygenation (ECMO), Others), by Size (20-22 Fr, 35-36 Fr), by End-use (Hospitals, Ambulatory Surgical Centers, Others), and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Arterial Cannula Market is valued at approximately USD 20.28 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 7.50% over the forecast period 2024-2032. Arterial cannulas, critical medical devices, are extensively utilized in life-support procedures like cardiopulmonary bypass surgeries and ECMO. Their ability to facilitate the seamless transfer of oxygenated blood underscores their indispensable role in healthcare. These devices are tailored for precision, ensuring patient safety and optimal therapeutic outcomes. With a surge in cardiovascular diseases globally and an uptick in surgical interventions, the demand for arterial cannulas is experiencing exponential growth. Moreover, innovations focusing on biocompatibility and performance efficiency continue to redefine this market, pushing the boundaries of medical capabilities.

The arterial cannula market has witnessed significant advancements, with the development of cannulas designed to address specific medical needs. For instance, smaller cannula sizes have been engineered to minimize vascular trauma during procedures, a breakthrough particularly valuable in pediatric and neonatal care. Additionally, the integration of advanced materials has enhanced device durability and reduced the risk of thrombosis. Despite the promising outlook, challenges such as high procedural costs and stringent regulatory frameworks could act as roadblocks. However, the increasing prevalence of chronic diseases and the adoption of minimally

invasive techniques are expected to counterbalance these limitations, propelling the market forward.

The geographical landscape of the arterial cannula market reveals diverse trends and opportunities. North America, with its robust healthcare infrastructure and significant R&D investments, dominates the market, driven by the high prevalence of cardiovascular diseases and cutting-edge surgical techniques. Europe follows closely, supported by progressive medical policies and advanced healthcare systems. Meanwhile, the Asia-Pacific region is poised to witness the fastest growth, fueled by increasing healthcare expenditure, a rising geriatric population, and expanding medical tourism. Emerging economies such as India and China are at the forefront of this growth, presenting lucrative opportunities for market players.

Major market players included in this report are:

Medtronic

Edward Lifesciences Corporation

LivaNova PLC

Terumo Corporation

Getinge AB

Abbott Laboratories

Smiths Medical

Boston Scientific Corporation

B. Braun Melsungen AG

Teleflex Incorporated

Andocor N.V.

BD (Becton, Dickinson, and Company)

Merit Medical Systems

Cook Medical

Fresenius Medical Care AG & Co. KGaA

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

By Application:

Cardiopulmonary Bypass Surgery

Extracorporeal Membrane Oxygenation (ECMO)

Others

By Size:

20-22 Fr

35-36 Fr

By End-use:

Hospitals

Ambulatory Surgical Centers

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

Latin America

Brazil

Mexico

## Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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.

Detailed analysis of the geographical landscape with country-level analysis of major regions.

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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