
Market synopsis of Global Arterial Blood Collection Devices Market:

Market Scenario

Arterial blood collection devices are used to collect blood samples from the artery which is used of arterial gas sampling. The most common site for arterial puncture is the radial artery at the wrist. Other sites for arterial puncture include brachial artery, femoral artery, and dorsalis pedis artery. Femoral and radial artery puncture is commonly performed to obtain arterial blood sampling for gas analysis. In arterial blood sampling, devices for arterial blood collection help to measure the gas exchange, and oxygenation in the blood. Rising incidence of chronic diseases such as diabetes, asthma, kidney diseases, etc. and availability of a wide range of products for blood collection storage have driven the growth of the global arterial blood collection devices market. Furthermore, rising demand of safe blood collection devices, and increasing awareness about transfusion transmissible infection favor the growth of the market.

The global arterial blood collection devices market is expected to grow at a CAGR of 9.1% during the forecast period and is estimated to reach USD 1,624.6 million by 2023.

FIGURE 1
GLOBAL ARTERIAL BLOOD COLLECTION DEVICES MARKET BY DRUG class 2016 (%)


Key Players in the Global Arterial blood collection devices Market

Some of the key players in this market are Becton, Dickinson and Company (U.S), Bio-Rad Laboratories, Inc. (U.S), NIPRO Medical Corporation (Japan), Qiagen (Netherlands), F. Hoffmann-La Roche Ltd (Switzerland), Terumo Medical Corporation (U.S), Thermo Fisher Scientific, Inc. (U.S) and others.

Segments

On the basis of type, the market is segmented into blood collection tubes, lancet, needles, vacuum blood collection system, microfluidic system, and other devices. Other devices includes arterial cannula, and blood bags. Blood collection tube is further sub-segmented into plasma separation tube, heparin tube, serum separating tube, EDTA tube, and others. Lancet is further sub-segmented into push button safety lancet,
On the basis of application, the arterial blood collection market is segmented into arterial blood gas sampling and intraoperative blood salvage. Arterial blood gas sampling is further sub-segmented into diagnosis of disease and acid base status monitoring.

On the basis of end user, the arterial blood collection devices market is segmented into hospitals & clinics, laboratories, blood banks, and others.

**Intended Audience:**
- Medical device manufacturers
- Medical device suppliers
- Medical research laboratories
- Research and Development (R&D) Companies
- Market Research and Consulting Service Providers
- Potential Investors

**Research Methodology:**


**Regional Analysis of global Arterial Blood collection devices market**

Considering the global scenario of the market, the Americas accounted for a significant market share in 2016, as a result of increasing prevalence of chronic diseases, growing emphasis on safe blood transfusion procedure, concentration of major market players manufacturing blood collection devices, and extensive demand for diagnostic services.

Europe is the second largest market and holds a noticeable share in the global arterial blood collection devices market. The European market is expected to grow significantly during the forecast period owing to availability of advanced treatment facilities, skilled medical professionals, and adoption of new therapies. Availability of funds from the government for research and development also contributes to the growth of the market. According to the European parliament, various initiative have been undertaken for collection, storage, and processing of blood.

Huge demand for diagnostic services in Asia Pacific region is the key factor for the market growth. Rising awareness about the use of sterile blood collection devices and rising number of surgical procedures drive the market in Asia Pacific region. In Asia Pacific, the market shows growth opportunities in China and India. China is expected to be the fastest growing market with the CAGR of 11.6% during the forecasted period.

The Middle East & Africa is expected to show steady growth in this market due to increasing prevalence of transfusion transmissible infections and demand for medical devices for diagnostics. Government has undertaken awareness programs for safe blood transfusion procedures which is further improving the health conditions in under developed regions of Africa.

**Key Findings**
- Blood collection tubes segment in drug class held the largest market share in 2016, which was valued at USD 359.4 million in 2016.
- Arterial blood gas sampling segment in application held the largest market share in 2016, which was valued at 25.6 million in 2016.
Asia Pacific region is expected to be the fastest growing market at the CAGR of 10.7% during the forecasted period.

The report on the Global Arterial Blood Collection Devices Market of Market Research Future comprises of extensive primary research along with the detailed analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain deeper insight to the market and industry performance. The report gives a clear picture of the current market scenario which includes historical and projected market size in terms of value and volume, technological advancement, macro economical and governing factors in the market. The report provides details information and strategies of the top key players in the industry. The report also gives a broad study of the different market segments and regions.

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