

Global Disposable Blood Bags - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029

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Report description:

The Global Disposable Blood Bags Market size is estimated at USD 445.95 million in 2024, and is expected to reach USD 550.96 million by 2029, growing at a CAGR of 4.32% during the forecast period (2024-2029).

In the current COVID-19 circumstances, passive immunotherapy using whole blood or plasma from recovered patients has become a potential therapeutic strategy for infections. The concept of transfusing neutralizing antibodies through convalescent blood is a rapidly adopted strategy among hospitals, worldwide. Thus, due to the rapid adoption of passive immunotherapy using blood and plasma, these blood bags are increasingly being used in storing and transferring blood during plasma therapy, propelling the market growth.

The global disposable blood bag market is primarily driven by the rising burden of fatal accidents and the wide presence of trauma and serious injuries, worldwide. According to the World Health Organization, in April 2021, more than 1.3 million people die every year because of road traffic crashes and accidents. Road traffic injuries are the leading cause of death among people aged between 15 and 29 years. Moreover, between 20 and 50 million people suffer non-fatal injuries, with many incurring a disability because of their injury. These serious injuries are often accompanied by blood collection and transfusion activities during surgical procedures to treat fatal injuries. Hence, the growing burden of surgical procedures may increase the procurement rate of disposable blood bags, driving the market growth.

The increasing prevalence of blood-related and other chronic diseases, coupled with the number of government initiatives to promote blood donation, blood collection, and storage, are expected to drive the industry during the forecast period. For instance, according to the World Federation Hemophilia, 2019 report, more than 20,000 people with hemophilia are born each year with hemophilia, worldwide, of which about 7,000 are severe.

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Additionally, as per the Government of Canada Statistics report, as of July 2020, the Canadian elderly population was 6,835,866, which accounted for 17.5% of the Canadian population. The proportion of seniors in Canada has been increasing over time who are more prone to cardiovascular diseases. Thus, this is expected to fuel the number of surgical procedures, which is anticipated to increase the demand for disposable blood bags. However, high risk associated with blood donation and transfusion is anticipated to restrain the market growth.

Disposable Blood Bags Market Trends

Blood Transfusion Bag is Expected to Hold the Significant Market Share

By type of blood, the blood transfusion bag is anticipated to hold a significant market share. Blood transfusion bags are used to transfer blood products into one's circulation intravenously. The blood transfusion process is used for various medical conditions to replace lost components of the blood.

The increasing burden of several chronic diseases and infectious diseases, coupled with growing surgical procedures, is anticipated to fuel the demand for blood transfusion bags. According to the American National Red Cross, nearly around 21 million blood components are transfused each year in the United States.

Additionally, according to the statistics published in World Health Organization (WHO), in 2020, over 118.5 million blood donations are collected for blood transfusion to diseased patients. Globally, 40% of these are collected in high-income countries, which is home to 16% of the world's population. As per the WHO, an increase of 7.8 million blood donations from voluntary unpaid donors has been reported from 2013 to 2018. This increase in awareness regarding blood donation is expected to fuel the market growth of transfusion bags. Hence, due to the factors mentioned above, the market is anticipated to have high growth during the forecast period.

North America is Expected to Retain the Largest Market Share During the Forecast Period

North America is anticipated to be one of the leading markets in the disposable blood bags market. Factors, such as the increased penetration of blood tests, along with a huge presence of several chronic diseases and blood-related disorders in the region, are going to offer lucrative growth to the market. Additionally, the presence of well-established and equipped health care infrastructure and increased blood donation activities, coupled with government efforts in promoting the use of disposable blood bags to prevent infections, are the factors that may impact market growth positively.

As per the statistics published by the American National Red Cross in 2018, over 36,000 units of red blood cells are needed every day in the United States, and approximately 7,000 units of platelets and 10,000 units of plasma are needed daily in the United States. An estimated number of 6.8 million people donate blood in the United States.

On the other hand, the burden of chronic diseases is continuously increasing in this region. For instance, according to the International Agency for Research on Cancer Society, reported that in the United States amounted to 2.28 million cancer in 2020, and by 2040, the burden of cancer is estimated to reach 3.12 million. Hence, due to the presence of all the market propelling factors in the region, North America is anticipated to offer lucrative growth in the future.

Disposable Blood Bags Industry Overview

Fresenius SE & Co. KGaA, Haemonetics Corporation, MacoPharma SA, Teleflex Incorporated, and Terumo Corporation are some key players currently dominating the disposable blood bags market. The disposable blood bags market is fragmented and

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competitive due to the presence of a large number of players. The major players are currently aiming their attention to expand their businesses to strengthen their position in the market.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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