

Pressure Infusion Bags Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

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Report description:

The pressure infusion bags market was valued at USD 284.43 million in 2021, and it is expected to reach USD 410.28 million in 2027, registering a CAGR of 5.89% during the forecast period (2022-2027).

The COVID-19 pandemic brought pressure infusion bags into the forefront since the demand for them surged considerably during the COVID-19 lockdown, as the number of COVID-19 cases increased at a faster rate with growing hospital admissions. The COVID-19 pandemic is expected to have a moderate impact on the global pressure infusion bag industry. For instance, according to the University of Pittsburgh Medical Center, in February 2021, the Food and Drug Administration approved the emergency use authorization of Regeneron's monoclonal antibody infusion to treat COVID-19 patients. Thereafter, the demand for monoclonal antibody infusion increased. Thus, the pressure infusion market is significantly impacted by the COVID-19 pandemic.

Certain factors that are driving the market growth include the rising prevalence of chronic diseases and surge in emergency transfusion cases and technological advancements, and increasing R&D initiatives. According to World Health Organization's update, an estimated 17.9 million people died from cardiovascular diseases in 2019, representing 32% of all global deaths. Additionally, as per the World Health Organization, the number of people aged 60 years and above will be around 1.4 billion by 2030, and by 2050, the number will be 2.1 billion. Cardiac drug infusions can be continuous or longer intermittent infusions. Therefore, as the number of cardiac patients increases, the demand for infusion bags will increase over the projected period.

The pressure infuser has also become a necessary component of various medical procedures such as rapid infusion of blood, blood products, blood expanders, IV solutions, and invasive pressure monitoring procedures. For instance, Intra?arterial pressure monitoring and Swan?Ganz catheterization monitoring both require the use of a pressurized plumbing system to slow the retrograde flow of blood and keep the indwelling catheter patent. The infuser is used to pressurize a bag of heparinized saline to a

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pressure greater than the patient's highest systolic blood pressure.

Additionally, manufacturers should focus more on the development of automated pressure infusers since this will assist in addressing issues with manual infusions, such as poor delivery of lower quantities of infusate and the possibility of accidental air embolism. As a result of these changes, the global market for pressure infusion bags is predicted to increase significantly in the future years.

Thus, all aforementioned factors, such as the increasing number of chronic diseases and the technological advancement in the pressure infusion bags, are expected to boost the market over the forecast period.

Pressure Infusion Bags Market Trends

Outpatient Facilities show Lucrative Opportunity in the Global Pressure Infusion Bags Market

Outpatient Facility means a facility located in or apart from a hospital that provides, under the direction of a licensed physician, either diagnosis or treatment to ambulatory patients in need of medical, surgical, or mental care.

Throughout the past few decades, the treatment of various chronic diseases has been increasingly prioritized by the global health community or governments, even in low- and middle-income countries. As a result, the demand for rapid fluid transfusion has risen significantly, in order to address the global disease burden, thus leading to a rise in utilization and adoption of Pressure Infusion Bags.

Over the past few years, with the move to value-based care, hospitals and healthcare systems have faced extreme competition from outpatient service sites, particularly those that offer physician office-based procedures and ambulatory surgery. Gaining in popularity across the globe, outpatient facilities provide both operational and economic efficiencies, enabling ease of patient access, very competitive pricing, and increased opportunities for physician engagement. Hence, owing to all the aforementioned factors, the studied market is expected to increase in the future.

North America Dominates the Global Pressure Infusion Bags Market

North America dominates the pressure infusion bags market primarily due to high awareness regarding such health conditions. In addition, the rising prevalence of various chronic conditions is also fueling the market growth across the region.

According to World Health Organization 2021, every year, 4.4 million people die as a result of injuries, 3.16 million people die as a result of unintentional injuries, and 1.25 million people die as a result of violence-related injuries. Roughly one-third of these deaths are caused by traffic accidents, one-sixth by suicide, one-tenth by homicide, and one-sixth by war and conflict. Injuries induced consumption and dilution of clotting factors, acidosis, and hypothermia in a severely injured patient commonly cause trauma-induced coagulopathy. Early infusion of blood products and early control of bleeding decreases this trauma-induced coagulopathy. Hypothermia and dilutional coagulopathy are associated with the infusion of large volumes of crystalloids. Hence, the predominant focus is on damage control resuscitation, which is a combination of permissive hypotension, hemorrhage control, and hemostatic resuscitation. Massive transfusion protocols improve survival in severely injured patients. Early recognition that the patient will need a massive blood transfusion can limit the use of crystalloids. Hence, due to the rising need for blood transfusion, the usage and adoption of pressure infusion bags are expected to grow significantly across the region.

Pressure Infusion Bags Market Competitor Analysis

The global pressure infusion bags market is competitive and consists of a few major players. Companies like Armstrong Medical

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Inc., Ecomed, Merit Medical Systems, Salter Labs, Sarstedt AG & Co. KG, Smiths Medical, SunMed, Tapmedic LLC, and Vyaire Medical Inc. hold a substantial market share in the market.

Additional Benefits:

The market estimate (ME) sheet in Excel format

3 months of analyst support

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