

Perfusion System Market Size, Share & Trends Analysis Report By Application (Cardiopulmonary Perfusion System, Cell Perfusion System, Ex-vivo Organ Perfusion System), By Region, And Segment Forecasts, 2022 - 2030

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Abstracts

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Perfusion System Market Growth & Trends

The global perfusion system market size is projected to reach USD 1.54 billion by 2030, according to a new report by Grand View Research, Inc. Furthermore, the market is projected to advance at a CAGR of 4.7% from 2022 to 2030. Factors such as the growing prevalence of chronic diseases and the rise in the number of organ transplants and multiple organ failures are anticipated to boost the market growth. In addition, increasing investments in cell-based research and a rise in biologics manufacturing are further expected to impel the growth of the perfusion system industry.

There was a steep downfall in the sales of perfusion systems during the first half of the pandemic. The lockdowns and restrictions imposed by governments globally resulted in reduced patient visits to hospitals, a reduced number of surgeries, and a slowdown in R&D activities. However, with the increasing efforts of the government and healthcare professionals to curb the spread of the virus and prepare for similar events in the future, the market began to recover in 2021 and is expected to flourish during the forecast period.

Perfusion System Market Report Highlights

Based on application, the perfusion systems market is segmented into cardiopulmonary perfusion system, cell perfusion system, and ex-vivo organ perfusion system. The cardiopulmonary perfusion system dominated the market in 2021 due to the high prevalence of cardiac diseases globally

In terms of region, North America accounted for the highest market share in 2021. The rising incidences of chronic disorders, a well-established healthcare sector, and a rise in the number of organ donors are driving the regional market growth

The COVID-19 pandemic had a significant negative impact on the market for perfusion systems. Factors such as the change in healthcare priorities, social distancing, and global lockdowns resulted in a reduced number of surgeries and a fall in the number of organ donations and transplants

The coronavirus outbreak led to a decline in the sales of perfusion systems; however, post the first wave of the pandemic, the market recovered and is expected to reach its pre-COVID growth level during the forecast period

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