

India Peripheral Catheter Market - 2025 -2033

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Abstracts

Peripheral Catheter Market Size

In 2023, the India peripheral catheter market was valued at approximately US\$ 82.62 Million, with a rise to US\$ 86.23 Million in 2024 and is expected to reach US\$ 130.74 Million in 2033, exhibiting a CAGR of 4.8% during the forecast period (2025-2033).

India Peripheral Catheter Market Overview

The India peripheral catheters market is experiencing significant growth with several driving factors. The rising prevalence of chronic diseases and the rise in technological advancements are expected to be the growth factors for the market. Additionally, the expansion of private healthcare providers is expected to create lucrative opportunities for the market growth in the country, which is expected to create huge demand for the advanced catheters.

India Peripheral Catheter Market Dynamics: Drivers & Restraints

Market Dynamics

Key Drivers:

A rise in the prevalence of chronic diseases is expected to drive the India peripheral catheter market

The rising prevalence of chronic diseases such as diabetes, cardiovascular disorders, kidney failure, and cancer is a key driver of growth in the India peripheral catheters market. These conditions often require prolonged hospital stays, repeated intravenous therapies, and frequent administration of medications or fluids, all of which depend

heavily on reliable vascular access. For instance, according to the report by the National Institute of Health in 2022, about 21% of the elderly in India reportedly have at least one chronic disease.

Seventeen percent elderly in rural areas and 29% in urban areas suffer from a chronic disease. Hypertension and diabetes account for about 68% of all chronic diseases. Peripheral IV catheters offer a less invasive, cost-effective solution for managing these treatment protocols, especially in outpatient and home care settings. As the burden of chronic diseases continues to increase due to aging populations, sedentary lifestyles, and changing dietary habits, the demand for peripheral catheters is expected to grow significantly, particularly in both public and private healthcare sectors across India.

As healthcare continues to expand in response to aging populations and evolving healthcare needs, the rising number of healthcare professionals presents a continued opportunity for growth in the Peripheral Catheter market, with manufacturers focusing on comfort, sustainability, and functionality to meet these demands. Thus, the above factors are expected to drive the market growth.

Restraints:

Complications associated with the catheter are hampering the growth of the India peripheral catheter market

The Indian peripheral catheters market is challenged by the potential risk of catheter-related complications such as infections, thrombosis, or phlebitis. The article published in NCBI suggested that these complications can result in a bloodstream infection when not treated well. There are different standards and practices used in the management of patients with catheters in different regions or hospitals, especially in the case of rural under developed regions.

In this regard, a review study revealed that catheter-related bloodstream infections (CRBSIs) are still the most frequently acquired infection among patients admitted to pediatric intensive care units (PICUs) within the country of India, resulting in significant morbidity and mortality.

It was further noted that management of these infections, such as CRBSIs, increases the burden on the healthcare system; hence, this was used to justify the need for better management practices to control these infections..

Opportunities:

Expansion of private healthcare providers is expected to create a lucrative opportunity for the growth of the peripheral catheter market

The expansion of private healthcare providers is expected to create a significant opportunity for the India peripheral catheters market. With the rising healthcare providers in the region, there is a growing demand for advanced systems and devices, including peripheral catheters. For instance, the number of private hospitals has jumped from 43,500 in 2019 to 54,000 in 2024, and the private hospitals have registered the strongest growth of 27%.

With rapid growth in multi-specialty hospitals, diagnostic chains, and day-care centers, especially in Tier 2 and Tier 3 cities, there is a rising demand for standardized and high-quality medical consumables like peripheral IV catheters.

Private hospitals are more likely to adopt advanced catheter technologies, adhere to stringent infection control protocols, and invest in staff training, thereby driving the uptake of premium and specialized catheter products. Additionally, the competitive nature of the private sector encourages the implementation of best practices in patient care, including safer and more efficient vascular access solutions.

India Peripheral Catheter Market, Segment Analysis

The India peripheral catheter market is segmented based on product type, design type, age group, clinical area, end user, and region.

By Product Type

The peripheral intravenous catheters (PIVC) segment in the peripheral catheter was valued at US\$ 42.61 Million in 2024

The peripheral intravenous catheters (PIVC) from the product type segment accounted for approximately 41.3%. PIVCs are a significant part of the Indian health care delivery system since they are inserted for practical reasons such as providing fluids, giving medication, and blood transfusion. It is extensively used in emergency medicine practice, during surgeries, and for short-term intravenous therapy.

There is an increasing use of PIVCs because more patients are getting hospitalized for

chronic, infectious, and surgical conditions. Their easy technique of insertion and economical cost would make them the best choice for professionals. Increased applicability of these catheters has also contributed to the upsurge of the PIVC market in India.

For instance, in December 2023, a new Penumbra Lightning 12-F Catheter, which is an AI-powered gadget for selective clot retrieval during endovascular procedures, was launched by a private hospital in Gurugram, India.

India Peripheral Catheter Market Competitive Landscape

Top companies in the India peripheral catheter market include B. Braun SE, Teleflex Incorporated, Medtronic, Boston Scientific Corporation, Relisys Medical Devices Limited, Advin Healthcare, among others.

DMI Insights on India Peripheral Catheter Market

Our research indicates that the India peripheral catheter market is projected to expand at a compound annual growth rate (CAGR) of 4.8% from 2025 to 2033. This growth highlights significant advancements in the country's healthcare infrastructure, rising awareness around infection prevention, and the increasing adoption of minimally invasive procedures. Peripheral catheters are becoming integral in various clinical settings due to their role in efficient drug delivery, fluid administration, and blood sampling. Factors such as the growing number of hospital admissions, an expanding aging population, and increased prevalence of chronic conditions are driving the demand for peripheral catheters across India.

The India peripheral catheter market report delivers a detailed analysis with 30+ key tables, more than 35+ visually impactful figures, and 178 pages of expert insights, providing a complete view of the market landscape.

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