

Interventional Radiology Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 – 2032

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Abstracts

The Global Interventional Radiology Market was valued at USD 28.1 billion in 2023 and is projected to exhibit 5% CAGR from 2024 to 2032, driven by the rising prevalence of chronic diseases worldwide, coupled with an increasing demand for minimally invasive procedures. As conditions such as cancer, cardiovascular diseases, and neurological disorders become more common, healthcare providers are turning to interventional radiology techniques that offer effective treatment options with reduced recovery times and lower risk of complications. This shift towards less invasive interventional radiology solutions in clinical practice. The interventional radiology industry is segmented based on product, application, end-use, and region.

The angiography systems segment garnered USD 6.1 billion in 2023 due to its critical role in diagnosing and treating vascular conditions. These advanced imaging systems enable healthcare professionals to visualize blood vessels in real-time, facilitating precise interventions for conditions such as aneurysms and blockages. The growing prevalence of cardiovascular diseases and the demand for minimally invasive procedures are boosting the adoption of angiography systems. As technology continues to evolve, offering improved imaging capabilities, this segment is likely to maintain its dominance in the market.

The cardiology segment held a 31% share in 2023, driven by the rising prevalence of cardiovascular diseases globally. Interventional radiology techniques, such as angioplasty and stenting, are increasingly utilized for minimally invasive treatment of heart-related conditions. As awareness of heart health grows and more patients seek advanced treatment options, the demand for interventional procedures in cardiology is surging. Besides, ongoing innovations in imaging technology and therapeutic devices enhance the effectiveness of these interventions, solidifying cardiology's leading



position in the market.

North America interventional radiology market captured USD 10.3 billion in 2023 and will grow at a 4.3% CAGR between 2024 and 2032, fueled by advanced healthcare infrastructure and high levels of investment in medical technology. The region's emphasis on research and development has led to significant innovations in interventional procedures, enhancing patient outcomes and procedural efficiency. Additionally, a growing aging population and increasing prevalence of chronic diseases are fueling demand for interventional radiology services. With a strong focus on patient care and technological advancements, North America will emerge as a central contributor to the overall market growth.



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