

# **Global Interventional Radiology Market Size Study & Forecast, by Product (MRI System, Ultrasound Imaging System, CT Scanner, Angiography System), Procedures (Angiography, Angioplasty, Biopsy), Application (Cardiology, Oncology, Urology & Nephrology) and Regional Forecasts 2025-2035**

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## **Abstracts**

The Global Interventional Radiology Market is valued at approximately USD 28.55 billion in 2024 and is anticipated to expand at a remarkable CAGR of 6.70% over the forecast period of 2025-2035. Interventional radiology, positioned at the crossroads of diagnostic imaging and minimally invasive therapy, is increasingly reshaping modern medicine. By harnessing advanced imaging modalities such as CT, MRI, and angiography systems, physicians can guide intricate procedures with unparalleled precision while reducing surgical risks. This paradigm shift has been accelerated by the mounting prevalence of chronic conditions such as cancer, cardiovascular diseases, and renal disorders, where timely and less invasive treatment options are indispensable. Furthermore, the persistent global push for value-based healthcare delivery and cost containment is catalyzing the adoption of interventional radiology solutions across both developed and emerging economies.

The intensifying reliance on imaging-guided procedures has driven healthcare providers to step up investments in sophisticated technologies and cutting-edge platforms. For instance, angiography and biopsy procedures are increasingly preferred due to their accuracy, reduced hospital stay, and faster patient recovery. This trend is reinforced by technological innovations—such as hybrid operating rooms and real-time image-guidance systems—that streamline workflows while amplifying clinical outcomes. According to the World Health Organization, cardiovascular diseases remain the leading

cause of mortality globally, claiming nearly 18 million lives annually. The rising incidence of such conditions, along with oncology-related interventions, underscores the growing necessity for interventional radiology. Nevertheless, challenges such as high equipment costs, shortage of skilled radiologists, and reimbursement constraints may hamper rapid adoption in certain regions, while the growing integration of AI-enabled imaging platforms and robotic-assisted systems presents transformative opportunities for the market in the coming decade.

Regionally, North America dominated the market in 2025 with the largest share, driven by its strong healthcare infrastructure, extensive adoption of minimally invasive procedures, robust reimbursement frameworks, and continuous R&D in imaging technologies. The United States, in particular, benefits from high healthcare spending, clinical trial activity, and early adoption of advanced technologies, cementing its leadership. Europe follows closely, supported by well-established healthcare systems and strong regulatory approval pathways for interventional devices. On the other hand, Asia Pacific is projected to experience the fastest growth during the forecast period due to rapid urbanization, increasing prevalence of chronic diseases, and rising investments in healthcare infrastructure across nations such as China and India. Supportive government initiatives, expanding private healthcare providers, and growing awareness of minimally invasive treatments are expected to drive exponential uptake of interventional radiology across the region. The Middle East & Africa and Latin America, though at comparatively nascent stages, are witnessing progressive developments as healthcare accessibility expands, further enhancing global demand.

Major market players included in this report are:

Siemens Healthineers

GE Healthcare

Philips Healthcare

Canon Medical Systems Corporation

Fujifilm Holdings Corporation

Samsung Medison Co., Ltd.

Boston Scientific Corporation

Medtronic plc

Abbott Laboratories

Cook Medical Incorporated

Stryker Corporation

Carestream Health

Agfa-Gevaert Group

Hitachi Medical Systems

Terumo Corporation

#### Global Interventional Radiology Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025-2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to

incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

#### By Product:

MRI System

Ultrasound Imaging System

CT Scanner

Angiography System

#### By Procedures:

Angiography

Angioplasty

Biopsy

#### By Application:

Cardiology

Oncology

Urology & Nephrology

#### By Region:

## North America

U.S.

Canada

## Europe

UK

Germany

France

Spain

Italy

Rest of Europe

## Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

## Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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