

Angiography Devices Market: Technological Advancements and Rising Prevalence of Cardiovascular Diseases Drive Growth

PORTLAND, OREGON, UNITED STATES, May 31, 2023 /EINPresswire.com/ -- The [Angiography Devices Market](#) Size was valued at \$8.8 billion in 2021, and is estimated to reach \$15.9 billion by 2031, growing at a CAGR of 6% from 2022 to 2031. The study analyzes the important strategies, drivers, competition, market dynamics, size, and important investment regions.

Key Takeaways:

Market Growth: The angiography devices market has been experiencing significant growth over the years and is expected to continue its upward trajectory. Factors such as the increasing prevalence of cardiovascular diseases, technological advancements in imaging modalities, and rising demand for minimally invasive procedures are driving market growth.

Rising Incidence of Cardiovascular Diseases: Cardiovascular diseases, including coronary artery disease, heart attacks, and stroke, are leading causes of death globally. The growing prevalence of these conditions has fueled the demand for angiography procedures, leading to increased adoption of angiography devices.

Technological Advancements: The field of angiography devices has witnessed rapid technological advancements, leading to more accurate and efficient imaging. Innovations such as digital subtraction angiography, flat-panel detectors, and three-dimensional imaging have improved the visualization of blood vessels and enhanced procedural outcomes.

Minimally Invasive Procedures: Minimally invasive procedures have gained popularity in recent years due to their advantages over traditional open surgeries. Angiography devices play a crucial role in enabling minimally invasive procedures, offering benefits such as shorter hospital stays, reduced pain, and faster recovery times.

Increasing Demand for Hybrid Operating Rooms: Hybrid operating rooms, which combine surgical capabilities with advanced imaging systems, are becoming more prevalent. These facilities allow surgeons to perform procedures while simultaneously obtaining real-time imaging using angiography devices, improving patient outcomes.

Growing Geriatric Population: The aging population is a significant factor driving the demand for

angiography devices. Older individuals are more susceptible to cardiovascular diseases, leading to a higher demand for diagnostic and interventional procedures using angiography devices.

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Market Drivers:

Increasing Prevalence of Cardiovascular Diseases: Cardiovascular diseases, including coronary artery disease, heart attacks, and stroke, are a leading cause of mortality worldwide. The rising incidence of these conditions has led to an increased demand for diagnostic and interventional procedures using angiography devices.

Technological Advancements: The field of angiography devices has witnessed significant technological advancements. Innovations such as digital subtraction angiography, flat-panel detectors, three-dimensional imaging, and real-time image fusion have improved the accuracy, speed, and quality of angiographic imaging. These advancements drive the adoption of angiography devices by healthcare providers.

Market Segmentation:

Product Type:

- a. **Angiography Systems:** This includes fixed and mobile angiography systems used for diagnostic and interventional procedures.
- b. **Angiography Catheters:** These are catheters used to inject contrast agents and visualize blood vessels during angiography procedures.
- c. **Angiography Balloons:** These are balloons used for balloon angioplasty to open narrowed or blocked blood vessels.
- d. **Angiography Contrast Media:** These are contrast agents used to enhance the visibility of blood vessels during angiography procedures.

Procedure Type:

- a. **Coronary Angiography:** This involves the visualization of blood vessels in the heart to diagnose and treat coronary artery disease.
- b. **Neurovascular Angiography:** This focuses on imaging blood vessels in the brain and neck to diagnose and treat conditions such as aneurysms and strokes.
- c. **Peripheral Angiography:** This involves imaging blood vessels in the extremities, such as the legs and arms, to diagnose and treat peripheral artery disease.
- d. **Other Angiography Procedures:** This category includes angiography procedures performed in other anatomical areas, such as renal, hepatic, or pulmonary angiography.

End-user:

- a. **Hospitals:** Angiography devices are extensively used in hospitals for both diagnostic and

interventional procedures.

b. Diagnostic Imaging Centers: These centers specialize in various imaging procedures, including angiography, providing dedicated services to patients.

c. Ambulatory Surgical Centers: These centers perform outpatient procedures, including certain angiography procedures that do not require hospitalization.

Geography:

a. North America: Includes the United States and Canada.

b. Europe: Includes countries such as Germany, France, the United Kingdom, and Italy.

c. Asia-Pacific: Includes countries such as China, India, Japan, South Korea, and Australia.

d. Latin America: Includes countries such as Brazil, Mexico, and Argentina.

e. Middle East and Africa: Includes countries such as Saudi Arabia, UAE, South Africa, and Egypt.

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Regional Growth Dynamics:

Asia Pacific accounted for a majority of the angiography devices market share in 2021 and is anticipated to remain dominant during the forecast period. This is attributed to rise in number of chronic heart disease cases, presence of key players and advancement in healthcare in the region.

Competitive Landscape:

Siemens Healthineers

GE Healthcare

Philips Healthcare

Canon Medical Systems Corporation

Shimadzu Corporation

Boston Scientific Corporation

Medtronic plc

Abbott Laboratories

B. Braun Melsungen AG

Cardinal Health Inc.

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