

U.S. Peripheral Vascular Angiography Contrast Media Market Size, Share & Trends Analysis Report By Modality (Ultrasound, Magnetic Resonance Imaging (MRI), CT/X-ray), By Product (Iodinated, Microbubble, Gadolinium-Based), By End Use, And Segment Forecasts, 2025 - 2030

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Abstracts

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U.S. Peripheral Vascular Angiography Contrast Media Market Growth & Trends

The U.S. peripheral vascular angiography contrast media market size is anticipated to reach USD 331.81 million by 2030 expanding at a CAGR of 6.29% from 2025 to 2030, according to a new report by Grand View Research, Inc. The rising prevalence of vascular diseases, particularly among the aging population and individuals with lifestyle-associated conditions such as diabetes, hypertension, and obesity, is driving demand for advanced diagnostic imaging. Peripheral vascular angiography procedures, which utilize contrast agents to enhance the visibility of blood vessels, are essential for the early detection and accurate diagnosis of peripheral artery disease and other circulatory disorders.

Lifestyle-associated diseases, such as diabetes, obesity, hypertension, and smoking, are becoming more common worldwide. These conditions significantly increase the risk of developing peripheral vascular diseases. For instance, diabetes and hypertension can damage blood vessels, leading to a higher likelihood of vascular complications. As the number of individuals living with these lifestyle-related conditions continues to grow globally, there is an associated rise in the demand for diagnostic imaging.

Peripheral vascular angiography, which utilizes contrast media to provide clear and detailed images of the blood vessels, is crucial in diagnosing these conditions and enabling timely medical interventions. This increasing prevalence of lifestyle-related disorders directly drives the demand for angiography contrast media. According to Yeditepe University Hospital, by 2025, hypertension patients are expected to reach 1.5 billion. 1 in 3 people over the age of 60 have hypertension.

However, one of the major factors restraining the growth of the market is the high cost of diagnostic imaging procedures, particularly angiography. Advanced imaging technologies, such as those used in peripheral vascular angiography, require expensive equipment, skilled personnel, and specialized contrast media. This high cost can limit access to these procedures, particularly in regions with lower healthcare budgets, and may deter some patients or healthcare providers from opting for diagnostic angiography. Moreover, patients without adequate insurance coverage may face out-of-pocket costs, reducing the overall demand for these services.

U.S. Peripheral Vascular Angiography Contrast Media Market Report Highlights

Based on the product, The CT/X-ray segment dominated the market in 2024 and is expected to register a significant CAGR from 2025 to 2030. The rising prevalence of congenital heart diseases (CHDs) significantly increases the demand for CT angiography.

Based on the modality, Iodinated contrast media dominate the market due to their high efficacy in enhancing the visibility of blood vessels in imaging modalities such as X-ray, CT, and angiography.

Based on end use, the hospital segment dominated the market in 2024, and it is expected to witness significant growth over the forecast period.

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation and Scope
- 1.2. Research Methodology
- 1.3. Information Procurement
- 1.4. Information or Data Analysis
- 1.5. Market Formulation & Validation
- 1.6. Model Details
- 1.7. List of Data Sources

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segment Outlook
- 2.3. Competitive Insights

CHAPTER 3. U.S. PERIPHERAL VASCULAR ANGIOGRAPHY CONTRAST MEDIA MARKET VARIABLES, TRENDS, & SCOPE

- 3.1. Market Lineage Outlook
 - 3.1.1. Ancillary Market Outlook
- 3.2. Market Dynamics
 - 3.2.1. Market Driver Analysis
 - 3.2.1.1. Growing burden of peripheral artery disease
 - 3.2.1.2. Rising demand for medical imaging
 - 3.2.1.3. Increasing prevalence of aging population
 - 3.2.2. Market Restraint Analysis
 - 3.2.2.1. High cost associated with angiography procedures
 - 3.2.2.2. Complications associated with the use of contrast agent during procedures
 - 3.2.3. Market Opportunities Analysis
 - 3.2.3.1. Rising number of clinical trials
 - 3.2.3.2. Growing prevalence of lifestyle associated disorders
 - 3.2.3.3. Increasing regulatory approvals and launches among developed countries
 - 3.2.4. Market Challenge Analysis
- 3.3. U.S. Peripheral Vascular Angiography Contrast Media Market Analysis Tools
 - 3.3.1. Industry Analysis – Porter's
 - 3.3.1.1. Bargaining Power Of Suppliers

- 3.3.1.2. Bargaining Power Of Buyers
- 3.3.1.3. Threat Of Substitutes
- 3.3.1.4. Threat Of New Entrants
- 3.3.1.5. Competitive Rivalry
- 3.3.2. PESTEL Analysis
 - 3.3.2.1. Political & Legal Landscape
 - 3.3.2.2. Economic and Social Landscape
 - 3.3.2.3. Technological Landscape

CHAPTER 4. U.S. PERIPHERAL VASCULAR ANGIOGRAPHY CONTRAST MEDIA MARKET: PRODUCT ESTIMATES & TREND ANALYSIS

- 4.1. Segment Dashboard
- 4.2. U.S. Peripheral Vascular Angiography Contrast Media Market Movement Analysis
- 4.3. U.S. Peripheral Vascular Angiography Contrast Media Market Size & Trend Analysis, by Product, 2018 to 2030 (USD Million)
- 4.4. CT/X-ray
 - 4.4.1. CT/X-ray U.S. Peripheral Vascular Angiography Contrast Media Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
- 4.5. Magnetic Resonance Imaging
 - 4.5.1. Magnetic Resonance Imaging U.S. Peripheral Vascular Angiography Contrast Media Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
- 4.6. Ultrasound
 - 4.6.1. Ultrasound U.S. Peripheral Vascular Angiography Contrast Media Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 5. U.S. PERIPHERAL VASCULAR ANGIOGRAPHY CONTRAST MEDIA MARKET: MODALITY ESTIMATES & TREND ANALYSIS

- 5.1. Segment Dashboard
- 5.2. U.S. Peripheral Vascular Angiography Contrast Media Market Movement Analysis
- 5.3. U.S. Peripheral Vascular Angiography Contrast Media Market Size & Trend Analysis, by Modality, 2018 to 2030 (USD Million)
- 5.4. Iodinated Contrast Media
 - 5.4.1. Iodinated Contrast Media U.S. Peripheral Vascular Angiography Contrast Media Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
- 5.5. Gadolinium-based Contrast Media
 - 5.5.1. Gadolinium-based Contrast Media U.S. Peripheral Vascular Angiography Contrast Media Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

5.6. Microbubble

5.6.1. Microbubble U.S. Peripheral Vascular Angiography Contrast Media Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 6. U.S. PERIPHERAL VASCULAR ANGIOGRAPHY CONTRAST MEDIA MARKET: END USE ESTIMATES & TREND ANALYSIS

6.1. Segment Dashboard

6.2. U.S. Peripheral Vascular Angiography Contrast Media Market Movement Analysis

6.3. U.S. Peripheral Vascular Angiography Contrast Media Market Size & Trend Analysis, by End Use, 2018 to 2030 (USD Million)

6.4. Hospitals

6.4.1. Hospitals U.S. Peripheral Vascular Angiography Contrast Media Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

6.5. Diagnostic Imaging Centers

6.5.1. Diagnostic Imaging Centers U.S. Peripheral Vascular Angiography Contrast Media Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

6.6. Research Institutes

6.6.1. Research Institutes U.S. Peripheral Vascular Angiography Contrast Media Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

6.7. Others

6.7.1. Others U.S. Peripheral Vascular Angiography Contrast Media Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 7. COMPETITIVE LANDSCAPE

7.1. Company/Competition Categorization

7.2. Strategy Mapping

7.3. Company Market Position Analysis, 2024

7.4. List of Key Certification Providers/Scheme Owners

7.5. Company Profiles/Listing

7.5.1. Lantheus Holdings, Inc.

7.5.1.1. Company overview

7.5.1.2. Financial performance

7.5.1.3. Product Type benchmarking

7.5.1.4. Strategic initiatives

7.5.2. Guerbet

7.5.2.1. Company overview

7.5.2.2. Financial performance

- 7.5.2.3. Product Type benchmarking
- 7.5.2.4. Strategic initiatives
- 7.5.3. Bracco
 - 7.5.3.1. Company overview
 - 7.5.3.2. Financial performance
 - 7.5.3.3. Product Type benchmarking
 - 7.5.3.4. Strategic initiatives
- 7.5.4. Bayer
 - 7.5.4.1. Company overview
 - 7.5.4.2. Financial performance
 - 7.5.4.3. Product Type benchmarking
 - 7.5.4.4. Strategic initiatives
- 7.5.5. GE HealthCare
 - 7.5.5.1. Company overview
 - 7.5.5.2. Financial performance
 - 7.5.5.3. Product Type benchmarking
 - 7.5.5.4. Strategic initiatives
- 7.5.6. Fresenius Kabi USA
 - 7.5.6.1. Company overview
 - 7.5.6.2. Financial performance
 - 7.5.6.3. Product Type benchmarking
 - 7.5.6.4. Strategic initiatives

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