

# **U.S. PTA Balloon Catheter Market Size, Share & Trends Analysis Report By Material Type (Polyurethane, Nylon), By Application (Peripheral Artery Disease), By End-use (Hospitals), By Region, And Segment Forecasts, 2024 - 2030**

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## **Abstracts**

This report can be delivered to the clients within 3 Business Days

### **U.S. PTA Balloon Catheter Market Growth & Trends**

The U.S. PTA balloon catheter market size is anticipated to reach USD 2.02 billion by 2030 and is anticipated to expand at a CAGR of 9.61% from 2024 to 2030, according to a new report by Grand View Research, Inc. The market is driven by several key factors, including the rising incidence of cardiovascular diseases and peripheral artery disease, the increasing popularity of minimally invasive procedures, and the geriatric population. According to the Population Reference Bureau, there will be a significant rise in the number of Americans aged 65 or above from 58 million in 2022 to 82 million by 2050. This indicates a 47% surge in the elderly population, accounting for a higher proportion of the overall population, rising from 17% to 23%.

The healthcare industry has been witnessing a significant increase in minimally invasive procedures. Medical professionals and patients are opting more for minimally invasive procedures such as percutaneous transluminal angioplasty (PTA) using balloon catheters. Such procedures have various benefits over traditional open surgeries, including faster recovery times, reduced discomfort, and lower risks of complications.

Technological advancements have been vital in driving innovation in PTA balloon catheters. The manufacturers continuously develop new catheter designs, materials,

coatings, and delivery systems to improve performance, safety, and patient outcomes. Moreover, incorporating technologies such as drug-coated balloons and digital imaging significantly improved the effectiveness of PTA procedures.

## U.S. PTA Balloon Catheter Market Report Highlights

The nylon segment held the largest market share of around 50% in 2023 owing to the strength and durability of the material, making it a preferred choice for balloon catheter.

The polyurethane segment is expected to grow at the fastest CAGR over the forecast period owing to the unique properties of the material.

Peripheral artery disease dominated the application segment in 2023 due to geriatric population and increasing prevalence of the disease.

Based on application, coronary artery diseases segment were expected to grow at a significant rate during the forecast period due to being a major health concern in the U.S.

Hospitals occupied a larger share in end-use segment due to the increasing number of patient visiting the hospitals.

In terms of end-use, ambulatory service segment is expected to grow at the fastest CAGR over the forecast period.

In August 2023, DuPont, a global innovation leader with technology-based materials and solutions, completed its acquisition of Spectrum Plastics Group, a leading provider of high-value polymer solutions for medical devices and healthcare markets.

## Contents

### **CHAPTER 1. METHODOLOGY AND SCOPE**

- 1.1. Market Segmentation & Scope
- 1.2. Segment Definitions
  - 1.2.1. Material
  - 1.2.2. Application
  - 1.2.3. End-use
  - 1.2.4. Region
  - 1.2.5. Estimates and forecasts timeline
- 1.3. Research Methodology
- 1.4. Information Procurement
  - 1.4.1. Purchased database
  - 1.4.2. GVR's internal database
  - 1.4.3. Secondary sources
  - 1.4.4. Primary research
- 1.5. Information or Data Analysis
  - 1.5.1. Data analysis models
- 1.6. Market Formulation & Validation
- 1.7. Model Details
  - 1.7.1. Commodity flow analysis (Model 1)
  - 1.7.2. Approach 1: Commodity flow approach
  - 1.7.3. Volume price analysis (Model 2)
- 1.8. List of Secondary Sources
- 1.9. List of Primary Sources
- 1.10. Objectives

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. Market Outlook
- 2.2. Segment Outlook
  - 2.2.1. Material outlook
  - 2.2.2. Application outlook
  - 2.2.3. End-use outlook
  - 2.2.4. Regional outlook
- 2.3. Competitive Insights

### **CHAPTER 3. U.S. PTA BALLOON CATHETER MARKET VARIABLES, TRENDS &**

*U.S. PTA Balloon Catheter Market Size, Share & Trends Analysis Report By Material Type (Polyurethane, Nylon),...*

## SCOPE

- 3.1. Market Lineage Outlook
  - 3.1.1. Parent market outlook
  - 3.1.2. Related/ancillary market outlook
- 3.2. Market Dynamics
  - 3.2.1. Market driver analysis
  - 3.2.2. Market Restraint Analysis
- 3.3. U.S. PTA Balloon Catheter Market Analysis Tools
  - 3.3.1. Industry Analysis - Porter's
    - 3.3.1.1. Supplier power
    - 3.3.1.2. Buyer power
    - 3.3.1.3. Substitution threat
    - 3.3.1.4. Threat of new entrant
    - 3.3.1.5. Competitive rivalry
  - 3.3.2. PESTEL Analysis
    - 3.3.2.1. Political landscape
    - 3.3.2.2. Technological landscape
    - 3.3.2.3. Economic landscape

## CHAPTER 4. U.S. PTA BALLOON CATHETER: MATERIAL ESTIMATES & TREND ANALYSIS

- 4.1. Material Market Share, 2023 & 2030
- 4.2. Segment Dashboard
- 4.3. U.S PTA balloon catheters market by Material Outlook
- 4.4. Market Size & Forecasts and Trend Analyses, 2018 to 2030 for the Following
  - 4.4.1. Polyurethane
    - 4.4.1.1. Market estimates and forecasts 2018 to 2030 (USD Million)
  - 4.4.2. Nylon
    - 4.4.2.1. Market estimates and forecasts 2018 to 2030 (USD Million)
  - 4.4.3. Others
    - 4.4.3.1. Market estimates and forecasts 2018 to 2030 (USD Million)

## CHAPTER 5. U.S. PTA BALLOON CATHETER MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

- 5.1. Application Market Share, 2023 & 2030
- 5.2. Segment Dashboard

- 5.3. U.S. PTA Balloon Catheter Market by Application Outlook
- 5.4. Market Size & Forecasts and Trend Analyses, 2018 to 2030 for the Following
  - 5.4.1. Peripheral Artery Disease
    - 5.4.1.1. Market estimates and forecasts 2018 to 2030 (USD Million)
  - 5.4.2. Coronary Artery Disease
    - 5.4.2.1. Market estimates and forecasts 2018 to 2030 (USD Million)

## **CHAPTER 6. U.S. PTA BALLOON CATHETER MARKET: END-USE ESTIMATES & TREND ANALYSIS**

- 6.1. End-use Share, 2023 & 2030
- 6.2. Segment Dashboard
- 6.3. U.S. PTA Balloon Catheter Market by End-use Outlook
- 6.4. Market Size & Forecasts and Trend Analyses, 2018 to 2030 for the Following
  - 6.4.1. Hospitals
    - 6.4.1.1. Market estimates and forecasts 2018 to 2030 (USD Million)
  - 6.4.2. Ambulatory Surgical Centers
    - 6.4.2.1. Market estimates and forecasts 2018 to 2030 (USD Million)
  - 6.4.3. Others
    - 6.4.3.1. Market estimates and forecasts 2018 to 2030 (USD Million)

## **CHAPTER 7. U.S. PTA BALLOON CATHETER MARKET: REGIONAL ESTIMATES & TREND ANALYSIS**

- 7.1. Region Share, 2023 & 2030
- 7.2. U.S. PTA Balloon Catheter Market by Region Outlook
- 7.3. Market Size & Forecasts and Trend Analyses, 2018 to 2030 for the Following
  - 7.3.1. West
    - 7.3.1.1. Market estimates and forecasts 2018 to 2030 (USD Million)
  - 7.3.2. Midwest
    - 7.3.2.1. Market estimates and forecasts 2018 to 2030 (USD Million)
  - 7.3.3. Northeast
    - 7.3.3.1. Market estimates and forecasts 2018 to 2030 (USD Million)
  - 7.3.4. Southwest
    - 7.3.4.1. Market estimates and forecasts 2018 to 2030 (USD Million)
  - 7.3.5. Southeast
    - 7.3.5.1. Market estimates and forecasts 2018 to 2030 (USD Million)

## **CHAPTER 8. COMPETITIVE LANDSCAPE**

## 8.1. Recent Developments & Impact Analysis, By Key Market Participants

## 8.2. Company/Competition Categorization

## 8.3. Vendor Landscape

### 8.3.1. List of key distributors and channel partners

### 8.3.2. Key customers

### 8.3.3. Key company heat map analysis, 2023

## 8.4. Company Profiles

### 8.4.1. Abbott

#### 8.4.1.1. Company overview

#### 8.4.1.2. Financial performance

#### 8.4.1.3. Product benchmarking

#### 8.4.1.4. Strategic initiatives

### 8.4.2. Andra Tec

#### 8.4.2.1. Company overview

#### 8.4.2.2. Financial performance

#### 8.4.2.3. Product benchmarking

#### 8.4.2.4. Strategic initiatives

### 8.4.3. Biotronik

#### 8.4.3.1. Company overview

#### 8.4.3.2. Financial performance

#### 8.4.3.3. Product benchmarking

#### 8.4.3.4. Strategic initiatives

### 8.4.4. Boston Scientific Corporation

#### 8.4.4.1. Company overview

#### 8.4.4.2. Financial performance

#### 8.4.4.3. Product benchmarking

#### 8.4.4.4. Strategic initiatives

### 8.4.5. Cardinal Health

#### 8.4.5.1. Company overview

#### 8.4.5.2. Financial performance

#### 8.4.5.3. Product benchmarking

#### 8.4.5.4. Strategic initiatives

### 8.4.6. Cook Group

#### 8.4.6.1. Company overview

#### 8.4.6.2. Financial performance

#### 8.4.6.3. Product benchmarking

#### 8.4.6.4. Strategic initiatives

### 8.4.7. Natec Medical

- 8.4.7.1. Company overview
- 8.4.7.2. Financial performance
- 8.4.7.3. Product benchmarking
- 8.4.7.4. Strategic initiatives
- 8.4.8. Terumo Corporation
  - 8.4.8.1. Company overview
  - 8.4.8.2. Financial performance
  - 8.4.8.3. Product benchmarking
  - 8.4.8.4. Strategic initiatives

## List Of Tables

### LIST OF TABLES

Table 1 List of abbreviations

Table 2 U.S. PTA balloon catheter, by material, 2018 - 2030 (USD Million)

Table 3 U.S. PTA balloon catheter, by application, 2018 - 2030 (USD Million)

Table 4 U.S. PTA balloon catheter, by end-use, 2018 - 2030 (USD Million)

Table 5 U.S. PTA balloon catheter, by region, 2018 - 2030 (USD Million)



## List Of Figures

### LIST OF FIGURES

- Fig. 1 Market research process
- Fig. 2 Data triangulation techniques
- Fig. 3 Primary research pattern
- Fig. 4 Market research approaches
- Fig. 5 Value-chain-based sizing & forecasting
- Fig. 6 QFD modeling for market share assessment
- Fig. 7 Market formulation & validation
- Fig. 8 U.S. PTA balloon catheter: market outlook
- Fig. 9 U.S. PTA balloon catheter competitive insights
- Fig. 10 Parent market outlook
- Fig. 11 Related/ancillary market outlook
- Fig. 12 Penetration and growth prospect mapping
- Fig. 13 U.S. PTA balloon catheter market driver impact
- Fig. 14 U.S. PTA balloon catheter market restraint impact
- Fig. 15 U.S. PTA balloon catheters: Material movement analysis
- Fig. 16 U.S. PTA balloon catheters: Material outlook and key takeaways
- Fig. 17 Polyurethane market estimates and forecast, 2018 - 2030 (USD Million)
- Fig. 18 Nylon market estimates and forecast, 2018 - 2030 (USD Million)
- Fig. 19 Others material market estimates and forecast, 2018 - 2030 (USD Million)
- Fig. 20 U.S. PTA balloon catheters: Application movement Analysis
- Fig. 21 U.S. PTA balloon catheter market: Application outlook and key takeaways
- Fig. 22 Peripheral Artery Disease market estimates and forecasts, 2018 - 2030 (USD Million)
- Fig. 23 Coronary Artery Disease market estimates and forecasts, 2018 - 2030 (USD Million)
- Fig. 24 U.S. PTA balloon catheter market: End-use movement analysis
- Fig. 25 U.S. PTA balloon catheter market: End-use outlook and key takeaways
- Fig. 26 Hospitals market estimates and forecasts, 2018 - 2030 (USD Million)
- Fig. 27 Ambulatory Surgical Centers market estimates and forecasts, 2018 - 2030 (USD Million)
- Fig. 28 Others end-use market estimates and forecasts, 2018 - 2030 (USD Million)
- Fig. 29 Market share of key market players- U.S. PTA balloon catheter market
- Fig. 30 U.S. PTA balloon catheter market: Region movement analysis
- Fig. 31 U.S. PTA balloon catheter market: Region outlook and key takeaways

Fig. 32 West market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 33 Midwest market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 34 Northeast market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 35 Southwest end-use market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 36 Southeast end-use market estimates and forecasts, 2018 - 2030 (USD Million)

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