

# Global Market for Artificial Blood Vessels

<https://marketpublishers.com/r/GCC0B2B6D565EN.html>

Date: November 2023

Pages: 68

Price: US\$ 3,500.00 (Single User License)

ID: GCC0B2B6D565EN

## Abstracts

### Report Scope:

The scope of this study encompasses an investigation of the global market for artificial blood vessels, focusing on various important aspects of the market, demand for the product, the current and future market potential for artificial blood vessels and a detailed analysis of the competitive landscape.

BCC Research analyzes each market segment and provides a forecast for five years. The current report analyzes the market's drivers, challenges, and opportunities. The report also covers market projections through 2028 and the market share for key market players. The report includes the company profiles of key players with detailed information about their business segments, product portfolios, and recent developments. The report also provides information on emerging technologies, ESG developments, and mergers and acquisitions, and strategic initiatives by various companies.

### Report Includes:

An overview of the global market landscape related to the artificial blood vessels

In-depth analysis of global market trends, featuring historical revenue data for 2020-2022, estimated figures for 2023, as well as forecasts for 2028. This analysis includes projections of Compound Annual Growth Rates (CAGRs) spanning through 2028

Evaluation of the current market size and revenue growth prospects specific to artificial blood vessels, accompanied by a comprehensive market share analysis categorized by type, application, and geographical region

Highlights of the current and future market potential and a detailed analysis of the regulatory framework and reimbursement scenarios

Information on tissue-engineered vascular grafts (TEVGs), their clinical applications, and vascular grafts currently in use; and description of common materials used for artificial blood vessels such as synthetic polymers, natural biomaterials and hybrid materials

Review of patents, product pipeline, ESG trends, and emerging technologies related to artificial blood vessels

Market share analysis of the key companies of the industry and coverage of events like mergers & acquisitions, joint ventures, collaborations or partnerships, and other key market strategies and a relevant patent analysis

Detailed profiles of leading market participants, providing a descriptive overview of their respective businesses

## Contents

### **CHAPTER 1 INTRODUCTION**

Study Goals and Objectives  
Reasons for Doing This Study  
Scope of Report  
Methodology  
Information Sources  
Geographic Breakdown  
Segmentation Breakdown

### **CHAPTER 2 SUMMARY AND HIGHLIGHTS**

Market Overview

### **CHAPTER 3 MARKET AND TECHNOLOGY BACKGROUND**

Introduction  
History  
Vascular Grafts in Use  
Synthetic Grafts  
Autologous Blood Vessels  
Cryopreserved Grafts  
Xenografts  
Common Materials for Artificial Blood Vessels  
Synthetic Polymers  
Natural Biomaterials  
Hybrid Materials

### **CHAPTER 4 MARKET DYNAMICS**

Market Drivers  
Increasing Prevalence of Cardiovascular Diseases  
Increasing Prevalence of Peripheral Artery Disease and End-Stage Renal Disease  
Growing Geriatric Population and Changing Lifestyles  
Strategic Initiatives  
Market Restraints  
Graft Failures

High Cost of Production and Regulatory Hurdles

## **CHAPTER 5 MARKET BREAKDOWN BY TYPE**

Overview

Expanded Polytetrafluoroethylene (ePTFE)

Polyethylene Terephthalate (PET)

Polyurethane (PU)

Others

## **CHAPTER 6 MARKET BREAKDOWN BY APPLICATION**

Overview

Aortic Diseases

Peripheral Artery Disease and Vascular Trauma

Hemodialysis

## **CHAPTER 7 MARKET BREAKDOWN BY REGION**

Overview

North America

Europe

Asia-Pacific

Rest of the World

## **CHAPTER 8 SUSTAINABILITY: AN ESG PERSPECTIVE**

Introduction

Environmental Factors

Social Factors

Governance Factors

Case Study

Conclusion

## **CHAPTER 9 EMERGING TECHNOLOGIES AND DEVELOPMENTS**

Introduction

Tissue-Engineered Vascular Grafts (TEVGs)

Clinical Applications of TEVG

## **CHAPTER 10 COMPETITIVE LANDSCAPE**

Porter's Five Forces Analysis

Threat of New Entrants

Threat of Substitutes

Bargaining Power of Suppliers

Bargaining Power of Buyers

Degree of Competition

Recent Developments in Artificial Blood Vessels Market

Competitive Analysis

## **CHAPTER 11 COMPANY PROFILES**

ARTIVION INC.

B. BRAUN SE

BECTON, DICKINSON AND COMPANY

GETINGE AB.

HUMACYTE

LEMAITRE VASCULAR INC.

TERUMO CORP.

W. L. GORE & ASSOCIATES INC.

## List Of Tables

### LIST OF TABLES

Table A : Global Market for Artificial Blood Vessels, Through 2028

Table B : Global Market for Artificial Blood Vessels, by Region, Through 2028

Table 1 : Advantages and Disadvantages of Artificial Blood Vessels in Different Materials

Table 2 : Estimated Deaths Due to Cardiovascular Disease, by Sex and Disease, 2019

Table 3 : Global Market for Artificial Blood Vessels, by Type, Through 2028

Table 4 : Global Market for Artificial Blood Vessels for Expanded Polytetrafluoroethylene, by Region, Through 2028

Table 5 : Global Market for Artificial Blood Vessels for Polyethylene Terephthalate, by Region, Through 2028

Table 6 : Global Market for Artificial Blood Vessels for Polyurethane, by Region, Through 2028

Table 7 : Global Market for Artificial Blood Vessels for Others, by Region, Through 2028

Table 8 : Global Market for Artificial Blood Vessels, by Application, Through 2028

Table 9 : Global Market for Artificial Blood Vessels for Aortic Diseases, by Region, Through 2028

Table 10 : Global Market for Artificial Blood Vessels for Peripheral Artery Disease and Vascular Trauma, by Region, Through 2028

Table 11 : Global Market for Artificial Blood Vessels for Hemodialysis, by Region, Through 2028

Table 12 : Global Market for Artificial Blood Vessels, by Region, Through 2028

Table 13 : Environmental Initiatives by Various Artificial Blood Vessel Companies

Table 14 : ESG Rankings for Companies in the Artificial Blood Vessels Market, 2023

Table 15 : Getinge Sustainability Analysis

Table 16 : TEVG Clinical Trials, 2023

Table 17 : Porter's Five Force Analysis

Table 18 : Recent Developments in Artificial Blood Vessels, 2023

Table 19 : B. Braun SE: Marketed Products

Table 20 : Becton, Dickinson, and Company (BD): Marketed Products

Table 21 : Getinge AB: Marketed Products

Table 22 : LeMaitre Vascular: Marketed Products

Table 23 : Terumo Corp: Marketed Products

Table 24 : W. L. Gore & Associates Inc.: Marketed Products

## List Of Figures

### LIST OF FIGURES

- Figure A : Global Market for Artificial Blood Vessels, 2020-2028
- Figure B : Global Market for Artificial Blood Vessels, by Region, 2020-2028
- Figure 1 : Generation of Artificial Blood Vessels
- Figure 2 : Vascular Grafts: Strengths and Weaknesses
- Figure 3 : Global Market for Artificial Blood Vessels, by Type, 2020-2028
- Figure 4 : Global Market Shares of Artificial Blood Vessels, by Type, 2022
- Figure 5 : Global Market for Artificial Blood Vessels for Expanded Polytetrafluoroethylene, by Region, 2020-2028
- Figure 6 : Global Market for Artificial Blood Vessels for Polyethylene Terephthalate, by Region, 2020-2028
- Figure 7 : Global Market for Artificial Blood Vessels for Polyurethane, by Region, 2020-2028
- Figure 8 : Global Market for Artificial Blood Vessels for Others, by Region, 2020-2028
- Figure 9 : Global Market for Artificial Blood Vessels, by Application, 2020-2028
- Figure 10 : Global Market Shares of Artificial Blood Vessels, by Application, 2022
- Figure 11 : Global Market for Artificial Blood Vessels for Aortic Diseases, by Region, 2020-2028
- Figure 12 : Global Market for Artificial Blood Vessels for Peripheral Artery Disease and Vascular Trauma, by Region, 2020-2028
- Figure 13 : Global Market for Artificial Blood Vessels for Hemodialysis, by Region, 2020-2028
- Figure 14 : Global Market for Artificial Blood Vessels, by Region, 2020-2028
- Figure 15 : Global Market Shares of Artificial Blood Vessels, by Region, 2022
- Figure 16 : Key Factors for Ideal Vascular Graft
- Figure 17 : Global Market Shares of Artificial Blood Vessels, by Companies, 2022

## I would like to order

Product name: Global Market for Artificial Blood Vessels

Product link: <https://marketpublishers.com/r/GCC0B2B6D565EN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GCC0B2B6D565EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970