

# **Hemodialysis Vascular Grafts Market Size, Share & Trends Analysis Report By Raw Material (Polyester, Polytetrafluoroethylene, Polyurethane, Biological Materials), By Region, And Segment Forecasts, 2023 - 2030**

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## **Abstracts**

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### **Hemodialysis Vascular Grafts Market Growth & Trends**

The global hemodialysis vascular grafts market size is expected to reach USD 283.7 million by 2030, registering a CAGR of 5.1% from 2023 to 2030, according to a new report by Grand View Research, Inc. Vascular graft is a connection between a vein and an artery that utilizes a hollow, synthetic tube which is used to remove or return blood during hemodialysis.

Growing healthcare expenditure, advancements in technology, and increasing access to healthcare services in developing countries are the factors contributing to market growth. Advances in the design and materials used in hemodialysis vascular grafts are leading to better patient outcomes & increased demand for these products. In addition, government initiatives to improve access to healthcare and raise awareness about kidney disease & its treatment options are also contributing to the growth of the market.

Governments and private organizations are also investing more in the treatment of chronic diseases such as CKD and ESRD due to the increase in healthcare expenditure. This increased investment has led to the development of more advanced and effective hemodialysis vascular grafts, which has increased their adoption and growth in the market. In addition, as healthcare systems around the world move towards

more advanced and specialized care, the demand for grafts is likely to increase, further driving market growth.

Governments around the world have recognized the growing burden of kidney disease and have begun to invest more in the treatment of this condition. For instance, the U.S. government has invested significant funds in the National Kidney Disease Education Program (NKDEP) to improve the diagnosis, treatment, and management of kidney diseases. This is expected to impel the market growth during the forecast period.

Further, the COVID-19 outbreak had a long-term growth potential as it accelerated the adoption of telemedicine and virtual consultations for kidney disease treatment, which may lead to an increase in the number of patients who can access hemodialysis treatment remotely, thus increasing the demand for hemodialysis vascular grafts.

#### Hemodialysis Vascular Grafts Market Report Highlights

In 2022, the Polytetrafluoroethylene (PTFE) segment held a majority share of the market owing to the increasing incidence of End-stage Renal Disease (ESRD), the aging population as well as growing awareness about the advantages of PTFE over other materials

The segment is anticipated to grow at the fastest rate during the forecast period owing to rising funding and investments for kidney diseases, and growing private sector investments in dialysis infrastructure

North America held the largest share in 2022 owing to the factors such as higher healthcare spending as a portion of GDP, a rise in preference for biological & tissue-engineered grafts, and a growing number of patients with CKD

The presence of well-defined regulatory guidelines and the increase in the adoption of biological grafts are some of the factors driving the market in North America

## Contents

### CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation and Scope
- 1.2. Research Methodology
  - 1.2.1. Information Procurement
- 1.3. Information or Data Analysis
- 1.4. Methodology
- 1.5. Research Scope and Assumptions
- 1.6. Market Formulation & Validation
  - 1.6.1. Country Market: Cagr Calculation
- 1.7. Country-Based Segment Share Calculation
- 1.8. List of Data Sources

### CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segment Outlook
- 2.3. Regional Insights
- 2.4. Competitive Insights
- 2.5. Hemodialysis Vascular Grafts Market Snapshot
- 2.6. Hemodialysis Vascular Grafts Market Segment Snapshot
- 2.7. Hemodialysis Vascular Grafts Market Competitive Landscape Snapshot

### CHAPTER 3. HEMODIALYSIS VASCULAR GRAFTS MARKET VARIABLES, TRENDS, & SCOPE

- 3.1. Market Lineage Outlook
- 3.2. Market Dynamics
  - 3.2.1. Market Driver Analysis
  - 3.2.2. Market Restraint Analysis
  - 3.2.3. Industry Challenge
- 3.3. Asia Pacific Nutritional Supplements Market Analysis Tools
  - 3.3.1. Industry Analysis - Porter's
    - 3.3.1.1. Bargaining power of the suppliers
    - 3.3.1.2. Bargaining power of the buyers
    - 3.3.1.3. Threats of substitution
    - 3.3.1.4. Threats from new entrants

- 3.3.1.5. Competitive rivalry
- 3.3.2. PESTEL Analysis
  - 3.3.2.1. Political landscape
  - 3.3.2.2. Economic and Social landscape
  - 3.3.2.3. Technological landscape
- 3.4. Impact of COVID-19 on Hemodialysis Vascular Grafts Market

## **CHAPTER 4. HEMODIALYSIS VASCULAR GRAFTS MARKET: RAW MATERIAL ESTIMATES & TREND ANALYSIS**

- 4.1. Segment Dashboard
- 4.2. Hemodialysis Vascular Grafts Market: Raw Material Movement Analysis, USD Million, 2022 & 2030
- 4.3. Polyester
  - 4.3.1. Polyester Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
- 4.4. Polytetrafluoroethylene
  - 4.4.1. Polytetrafluoroethylene Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
- 4.5. Polyurethane
  - 4.5.1. Polyurethane Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
- 4.6. Biological Materials
  - 4.6.1. Biological Materials Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
    - 4.6.1.1. Human Saphenous & Umbilical Veins
      - 4.6.1.1.1. Human Saphenous & Umbilical Veins Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
    - 4.6.1.2. Tissue Engineered Materials
      - 4.6.1.2.1. Tissue Engineered Materials Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

## **CHAPTER 5. HEMODIALYSIS VASCULAR GRAFTS MARKET: REGIONAL ESTIMATES & TREND ANALYSIS**

- 5.1. Hemodialysis Vascular Grafts Market Share, By Region, 2022 & 2030, USD Million
- 5.2. North America
  - 5.2.1. North America hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)
  - 5.2.2. U.S.

5.2.2.1. U.S. hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.2.3. Canada

5.2.3.1. Canada hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.3. Europe

5.3.1. Europe hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.3.2. U.K.

5.3.2.1. U.K. hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.3.3. Germany

5.3.3.1. Germany hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.3.4. France

5.3.4.1. France hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.3.5. Italy

5.3.5.1. Italy hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.3.6. Spain

5.3.6.1. Spain hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.3.7. Denmark

5.3.7.1. Denmark hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.3.8. Norway

5.3.8.1. Norway hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.3.9. Sweden

5.3.9.1. Sweden hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.4. Asia Pacific

5.4.1. Asia Pacific hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.4.2. China

5.4.2.1. China hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.4.3. Japan

5.4.3.1. Japan hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.4.4. India

5.4.4.1. India hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.4.5. Thailand

5.4.5.1. Thailand hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.4.6. South Korea

5.4.6.1. South Korea hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.4.7. Australia

5.4.7.1. Australia hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.5. Latin America

5.5.1. Latin America hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.5.2. Brazil

5.5.2.1. Brazil hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.5.3. Mexico

5.5.3.1. Mexico hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.5.4. Argentina

5.5.4.1. Argentina hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.6. Middle East and Africa

5.6.1. Middle East and Africa hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.6.2. South Africa

5.6.2.1. South Africa hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.6.3. Saudi Arabia

5.6.3.1. Saudi Arabia hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.6.4. UAE

5.6.4.1. UAE hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

5.6.5. Kuwait

5.6.5.1. Kuwait hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

## **CHAPTER 6. COMPETITIVE LANDSCAPE**

6.1. Company Overview

6.2. Financial Analysis

6.3. Product Benchmarking

6.4. Strategy Mapping

6.4.1. Product Launch

6.4.2. Acquisition

6.4.3. Collaboration

6.5. Recent Developments & Impact Analysis, by Key Market Participants

6.6. Company/Competition Categorization

6.7. List of key emerging companies/technology disruptors/innovators

6.8. Company Market Position Analysis

6.9. Company Market Share Analysis

6.10 Company Profiles

6.10.1 W. L. Gore & Associates, Inc.

6.10.2 C. R. Bard, Inc.

6.10.3 Vascudyne, Inc.

6.10.4 LeMaitre

6.10.5 Getinge AB

6.10.6 VASCULAR GENESIS

6.10.7 InnAVasc Medical, Inc.

6.10.8 CryoLife, Inc.

6.10.9 Merit Medical Systems

6.10.10 BIOVIC Sdn Bhd.

## List Of Tables

### LIST OF TABLES

Table 1 Healthcare Expenditure (% of GDP)

Table 2 Key companies launching new products/services

Table 3 Key companies acquisition

Table 4 North America Hemodialysis vascular grafts market by country, 2018 - 2030 (USD Million)

Table 5 North America Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 6 U.S. Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 7 Canada Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 8 Europe Hemodialysis vascular grafts market by country, 2018 - 2030 (USD Million)

Table 9 Europe Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 10 Germany Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 11 U.K. Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 12 France Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 13 Italy Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 14 Spain Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 15 Denmark Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 16 Sweden Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 17 Norway Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 18 Asia Pacific Hemodialysis vascular grafts market by country, 2018 - 2030 (USD Million)

Table 19 Asia Pacific Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 20 Japan Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 21 China Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 22 India Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 23 South Korea Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 24 Australia Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 25 Thailand Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 26 Latin America Hemodialysis vascular grafts market by country, 2018 - 2030 (USD Million)

Table 27 Latin America Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 28 Brazil Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 29 Mexico Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 30 Argentina Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 31 MEA Hemodialysis vascular grafts market by country, 2018 - 2030 (USD Million)

Table 32 MEA Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 33 South Africa Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 34 Saudi Arabia Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 35 UAE Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

Table 36 Kuwait Hemodialysis vascular grafts market by raw material, 2018 - 2030 (USD Million)

## List Of Figures

### LIST OF FIGURES

- Fig. 1 Hemodialysis vascular grafts market segmentation
- Fig. 2 Market research process
- Fig. 3 Information procurement
- Fig. 4 Primary research pattern
- Fig. 5 Market research approaches
- Fig. 6 Value chain-based sizing & forecasting
- Fig. 7 QFD modeling for market share assessment
- Fig. 8 Parent market analysis
- Fig. 9 Patient-population model
- Fig. 10 Market formulation & validation
- Fig. 11 Hemodialysis vascular grafts market snapshot
- Fig. 12 Hemodialysis vascular grafts market segment snapshot
- Fig. 13 Hemodialysis vascular grafts market competitive landscape snapshot
- Fig. 14 Market research process
- Fig. 15 Market driver relevance analysis (Current & future impact)
- Fig. 16 Market Restraint relevance analysis (Current & future impact)
- Fig. 17 Hemodialysis vascular grafts market, raw material outlook key takeaways (USD Million)
- Fig. 18 Hemodialysis vascular grafts market: Raw material movement analysis (USD Million), 2022 & 2030
- Fig. 19 Polyester market revenue estimates and forecasts, 2018 - 2030 (USD Million)
- Fig. 20 Polytetrafluoroethylene market revenue estimates and forecasts, 2018 - 2030 (USD Million)
- Fig. 21 Polyurethane market revenue estimates and forecasts, 2018 - 2030 (USD Million)
- Fig. 22 Biological materials market revenue estimates and forecasts, 2018 - 2030 (USD Million)
- Fig. 23 Human saphenous and umbilical veins market revenue estimates and forecasts, 2018 - 2030 (USD Million)
- Fig. 24 Tissue engineered materials market revenue estimates and forecasts, 2018 - 2030 (USD Million)Regional marketplace: Key takeaways
- Fig. 25 Hemodialysis vascular grafts market: Regional outlook, 2022 & 2030, USD Million
- Fig. 26 North America hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 27 U.S. hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 28 Canada hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 29 Europe hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 30 U.K. hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 31 Germany hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 32 France hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 33 Italy hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 34 Spain hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 35 Denmark hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 36 Norway hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 37 Sweden hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 38 Asia Pacific hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 39 Japan hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 40 China hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 41 India hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 42 Thailand hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 43 South Korea hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 44 Australia hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 45 Latin America hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 46 Brazil hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030

(USD Million)

Fig. 47 Mexico hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 48 Argentina hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 49 MEA hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 50 South Africa hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 51 Saudi Arabia hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 52 UAE hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 53 Kuwait hemodialysis vascular grafts market estimates and forecasts, 2018 - 2030 (USD Million)

Fig. 54 Strategy framework

Fig. 55 Heat map, 2021/2022

Fig. 56 Company Market Share Analysis, North America (%)

Fig. 57 Company Market Share Analysis, Europe (%)

Fig. 58 Company Market Share Analysis, Asia Pacific (%)

Fig. 59 Company Market Share Analysis, Latin America (%)

Fig. 60 Company Market Share Analysis, MEA (%)

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