

North America Pulmonary Arterial Hypertension Market Forecast to 2028 – COVID-19 Impact and Regional Analysis – by Drugs [Endothelin Receptor Antagonists (ERAs), Prostacyclin and Prostacyclin Analogs, sGC Stimulators, and pde-5 Dipsticks], Type (Branded and Generics), Route of Administration (Oral, Intravenous/Subcutaneous, and Inhalational), and Distribution Channel (Hospital Pharmacies and Clinics, Online Pharmacies, and Retail Pharmacies)

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Abstracts

The North America pulmonary arterial hypertension market is expected to grow from US\$ 3,147.76 million in 2022 to US\$ 4,456.90 million by 2028; it is estimated to grow at a CAGR of 6.0% from 2022 to 2028.

Rising Approvals of Pulmonary Arterial Hypertension Drugs Drives North America Pulmonary Arterial Hypertension Market

In November 2021, the US Food and Drugs Administration (FDA) granted tentative approval for Yutrepia (treprostinil) inhalation powder. Yutrepia is indicated to treat PAH to improve exercise ability in adult patients with New York Heart Association (NYHA) Functional Class II-III symptoms. In July 2021, The Janssen Pharmaceutical Companies of Johnson & Johnson received the FDA's approval for UPTRAVI (selexipag) injection for intravenous (IV) to treat pulmonary arterial hypertension (PAH, WHO Group I) in adult patients with WHO functional class (FC) II–III. These patients are temporarily unable to take oral therapy. Similarly, in August 2021, Aerami Therapeutics, Inc. announced that the FDA granted the company an orphan drug designation for imatinib

to treat PAH patients. AER-901, a drug-device combination product candidate for inhaled imatinib for the treatment of PAH, completed its Phase 1 trial in 2021. Aerami plans to advance AER-901 into a Phase 2 trial by the first half of 2023, following an amendment to the open AER-901 IND application with the FDA.

In September 2020, Alembic Pharmaceuticals Limited announced that its subsidiary Alembic Global Holdings SA received tentative FDA approval for its Abbreviated New Drugs Application (ANDA) Treprostinil Injection is administered in 20-mL multidose vials in five strengths, containing 50 mg, 20 mg, 100 mg, and 200 mg (2.5 mg/mL, 1 mg/mL, 5 mg/mL, and 10 mg/mL) of treprostinil, respectively. In May 2022, United Therapeutic Corporation received FDA approval for Tyvaso DPI (treprostinil) inhalation powder to treat pulmonary hypertension associated with interstitial lung disease (PH-ILD; WHO Group 3) and pulmonary arterial hypertension (PAH; WHO Group 1) to enhance exercise ability.

Thus, the rising number of pulmonary arterial hypertension drug approvals is boosting the growth of the North America pulmonary arterial hypertension market .

North America Pulmonary Arterial Hypertension Market Overview

The North America pulmonary arterial hypertension market is segmented into the US, Canada, and Mexico. The market growth in this region is attributed due to a surge in health expenditure, the high prevalence of pulmonary arterial hypertension, and a rise in initiatives by the government and manufacturers. The US pulmonary arterial hypertension market holds a significant share in North America. The rising healthcare expenditure is fueling the drug development of pulmonary arterial hypertension (PAH). According to US Centers for Medicare & Medicaid Services, the national healthcare expenditure in the US increased by 9.7% in 2019 and reached US\$ 4.1 trillion in 2020. Furthermore, as per the same source, national health spending is expected to grow at a 5.4% annual rate from 2019 to 2028, and it is expected to reach US\$ 6.2 trillion by 2028. The rising healthcare expenditure is estimated to increase the research and development of PAH drugs due to the availability of limited drugs in the market for treating PAH.

According to the American Lung Association, PAH is a rare and progressive disorder that accounts for ~500-1000 new cases being diagnosed each year in the US. Additionally, as per the same source, approximately 15-20% of PAH patients are suffering from heritable PAH, which is caused by genetic mutations. Further, manufacturers are taking various initiatives to provide information and resources to

healthcare practitioners, fueling the market growth. For instance, the PAH Initiative, supported by United Therapeutics, provides resources and information to assist healthcare providers in treating patients impacted by PAH. Thus, the rising cases of PAH diagnosed each year and initiatives undertaken by drug manufacturers fuel the demand for pulmonary arterial hypertension drugs and other treatment methods, further bolstering the pulmonary arterial hypertension market growth in the US.

North America Pulmonary Arterial Hypertension Market Revenue and Forecast to 2028 (US\$ Million)

North America Pulmonary Arterial Hypertension Market Segmentation

The North America pulmonary arterial hypertension market is segmented on the basis of drugs, type, route of administration, distribution channel, and country.

Based on drugs, the North America pulmonary arterial hypertension market is segmented into endothelin receptor antagonists (ERAs), prostacyclin and prostacyclin analogs, sGC stimulators, and pde-5 dipsticks. In 2022, the prostacyclin and prostacyclin analogs segment registered the largest share in the North America pulmonary arterial hypertension market.

Based on type, the North America pulmonary arterial hypertension market is bifurcated into branded and generics. In 2022, the branded segment registered a larger share in the North America pulmonary arterial hypertension market.

Based on route of administration, the North America pulmonary arterial hypertension market is segmented into oral, intravenous/subcutaneous, and inhalational. In 2022, the oral segment registered the largest share in the North America pulmonary arterial hypertension market.

Based on distribution channel, the North America pulmonary arterial hypertension market is segmented into hospital pharmacies and clinics, online pharmacies, and retail pharmacies. In 2022, the hospital pharmacies and clinics segment registered the largest share in the North America pulmonary arterial hypertension market.

Based on country, the North America pulmonary arterial hypertension market is segmented into the US, Canada, and Mexico. In 2022, the US registered the largest share in the North America pulmonary arterial hypertension market.

Aerami Therapeutics Holdings Inc, Bayer AG, Gilead Sciences Inc, GSK Plc, Johnson & Johnson, Lupin Ltd, Novartis AG, Pfizer Inc, Teva Pharmaceutical Industries Ltd, and United Therapeutics Corp are the leading companies operating in the North America pulmonary arterial hypertension market.

Contents

1. INTRODUCTION

- 1.1 Scope of the Study
- 1.2 The Insight Partners Research Report Guidance
- 1.3 Market Segmentation
 - 1.3.1 North America Pulmonary Arterial Hypertension Market – By Drugs
 - 1.3.2 North America Pulmonary Arterial Hypertension Market – By Type
 - 1.3.3 North America Pulmonary Arterial Hypertension Market – By Route of Administration
 - 1.3.4 North America Pulmonary Arterial Hypertension Market – By Distribution Channel
 - 1.3.5 North America Pulmonary Arterial Hypertension Market – By Country

2. NORTH AMERICA PULMONARY ARTERIAL HYPERTENSION MARKET – KEY TAKEAWAYS

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. NORTH AMERICA PULMONARY ARTERIAL HYPERTENSION MARKET – MARKET LANDSCAPE

- 4.1 Overview
- 4.2 North America PEST Analysis
- 4.3 Experts Opinion

5. NORTH AMERICA PULMONARY ARTERIAL HYPERTENSION MARKET – KEY MARKET DYNAMICS

- 5.1 Market Drivers
 - 5.1.1 Growing Incidence of Pulmonary Arterial Hypertension
 - 5.1.2 Rising Approvals of Pulmonary Arterial Hypertension Drugs
- 5.2 Market Restraints
 - 5.2.1 Side Effects of Drugs Used for Treatment of Pulmonary Arterial Hypertension

5.3 Market Opportunities

5.3.1 Availability of Generics at Affordable Costs Due to Growing Patent Expiration

5.3.2 Drugs Patents Expiration Data

5.4 Future Trend

5.4.1 Rising Clinical Trials for Drugs Development to Treat Pulmonary Arterial Hypertension

5.5 Impact analysis

6. PULMONARY ARTERIAL HYPERTENSION MARKET – NORTH AMERICA ANALYSIS

6.1 North America Pulmonary Arterial Hypertension Market Revenue Forecast and Analysis

7. NORTH AMERICA PULMONARY ARTERIAL HYPERTENSION MARKET – REVENUE AND FORECAST TO 2028 – BY DRUGS

7.1 Overview

7.2 North America Pulmonary Arterial Hypertension Market Revenue Share, by Drugs 2021 & 2028 (%)

7.3 Endothelin Receptor Antagonists (ERAs)

7.3.1 Overview

7.3.2 Endothelin Receptor Antagonists (ERAs): North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

7.4 Prostacyclin and Prostacyclin Analogs

7.4.1 Overview

7.4.2 Prostacyclin and Prostacyclin Analogs: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

7.5 SGC Stimulators

7.5.1 Overview

7.5.2 sGC Stimulators: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

7.6 Pde-5 Dipsticks

7.6.1 Overview

7.6.2 Pde-5 Dipsticks: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

8. NORTH AMERICA PULMONARY ARTERIAL HYPERTENSION MARKET ANALYSIS AND FORECASTS TO 2028 – BY TYPE

8.1 Overview

8.2 North America Pulmonary Arterial Hypertension Market, by Type 2021 & 2028 (%)

8.3 Branded

8.3.1 Overview

8.3.2 Branded: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

8.4 Generics

8.4.1 Overview

8.4.2 Generics: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

9. NORTH AMERICA PULMONARY ARTERIAL HYPERTENSION MARKET – REVENUE AND FORECAST TO 2028 – BY ROUTE OF ADMINISTRATION

9.1 Overview

9.2 North America Pulmonary Arterial Hypertension Market Revenue Share, by Route of Administration 2021 & 2028 (%)

9.3 Oral

9.3.1 Overview

9.3.2 Oral: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

9.4 Intravenous/ Subcutaneous

9.4.1 Overview

9.4.2 Intravenous/ Subcutaneous: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

9.5 Inhalational

9.5.1 Overview

9.5.2 Inhalational: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

10. NORTH AMERICA PULMONARY ARTERIAL HYPERTENSION MARKET – REVENUE AND FORECAST TO 2028 – BY DISTRIBUTION CHANNEL

10.1 Overview

10.2 North America Pulmonary Arterial Hypertension Market Revenue Share, by Distribution Channel 2021 & 2028 (%)

10.3 Hospital Pharmacies and Clinics

10.3.1 Overview

10.3.2 Hospital Pharmacies and Clinics: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

10.4 Online Pharmacies

10.4.1 Overview

10.4.2 Online Pharmacies: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

10.5 Retail Pharmacies

10.5.1 Overview

10.5.2 Retail Pharmacies: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

11. NORTH AMERICA PULMONARY ARTERIAL HYPERTENSION MARKET – REVENUE AND FORECAST TO 2028 – COUNTRY ANALYSIS

11.1 Overview

11.1.1.1 US: Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

11.1.1.1.1 Overview

11.1.1.1.2 US: Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

11.1.1.1.3 US: Pulmonary Arterial Hypertension Market, by Drugs, 2019–2028 (US\$ Million)

11.1.1.1.4 US: Pulmonary Arterial Hypertension Market, by Type, 2019–2028 (US\$ Million)

11.1.1.1.5 US: Pulmonary Arterial Hypertension Market, by Route of Administration, 2019–2028 (US\$ Million)

11.1.1.1.6 US: Pulmonary Arterial Hypertension Market, by Distribution Channel, 2019–2028 (US\$ Million)

11.1.1.2 Canada: Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

11.1.1.2.1 Overview

11.1.1.2.2 Canada: Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

11.1.1.2.3 Canada: Pulmonary Arterial Hypertension Market, by Drugs, 2019–2028 (US\$ Million)

11.1.1.2.4 Canada: Pulmonary Arterial Hypertension Market, by Type, 2019–2028 (US\$ Million)

11.1.1.2.5 Canada: Pulmonary Arterial Hypertension Market, by Route of Administration, 2019–2028 (US\$ Million)

11.1.1.2.6 Canada: Pulmonary Arterial Hypertension Market, by Distribution Channel, 2019–2028 (US\$ Million)

11.1.1.3 Mexico: Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

11.1.1.3.1 Overview

11.1.1.3.2 Mexico: Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

11.1.1.3.3 Mexico: Pulmonary Arterial Hypertension Market, by Drugs, 2019–2028 (US\$ Million)

11.1.1.3.4 Mexico: Pulmonary Arterial Hypertension Market, by Type, 2019–2028 (US\$ Million)

11.1.1.3.5 Mexico: Pulmonary Arterial Hypertension Market, by Route of Administration, 2019–2028 (US\$ Million)

11.1.1.3.6 Mexico: Pulmonary Arterial Hypertension Market, by Distribution Channel, 2019–2028 (US\$ Million)

12. NORTH AMERICA PULMONARY ARTERIAL HYPERTENSION MARKET – INDUSTRY LANDSCAPE

12.1 Overview

12.2 Organic Developments

12.2.1 Overview

12.3 Inorganic Developments

12.3.1 Overview

13. COMPANY PROFILES

13.1 Johnson & Johnson

13.1.1 Key Facts

13.1.2 Business Description

13.1.3 Products and Services

13.1.4 Financial Overview

13.1.5 SWOT Analysis

13.1.6 Key Developments

13.2 Gilead Sciences Inc

13.2.1 Key Facts

13.2.2 Business Description

13.2.3 Products and Services

13.2.4 Financial Overview

- 13.2.5 SWOT Analysis
- 13.2.6 Key Developments
- 13.3 United Therapeutics Corp
 - 13.3.1 Key Facts
 - 13.3.2 Business Description
 - 13.3.3 Products and Services
 - 13.3.4 Financial Overview
 - 13.3.5 SWOT Analysis
 - 13.3.6 Key Developments
- 13.4 Bayer AG
 - 13.4.1 Key Facts
 - 13.4.2 Business Description
 - 13.4.3 Products and Services
 - 13.4.4 Financial Overview
 - 13.4.5 SWOT Analysis
 - 13.4.6 Key Developments
- 13.5 Aerami Therapeutics Holdings Inc
 - 13.5.1 Key Facts
 - 13.5.2 Business Description
 - 13.5.3 Products and Services
 - 13.5.4 Financial Overview
 - 13.5.5 SWOT Analysis
 - 13.5.6 Key Developments
- 13.6 Novartis AG
 - 13.6.1 Key Facts
 - 13.6.2 Business Description
 - 13.6.3 Products and Services
 - 13.6.4 Financial Overview
 - 13.6.5 SWOT Analysis
 - 13.6.6 Key Developments
- 13.7 GSK Plc
 - 13.7.1 Key Facts
 - 13.7.2 Business Description
 - 13.7.3 Products and Services
 - 13.7.4 Financial Overview
 - 13.7.5 SWOT Analysis
 - 13.7.6 Key Developments
- 13.8 Teva Pharmaceutical Industries Ltd
 - 13.8.1 Key Facts

- 13.8.2 Business Description
- 13.8.3 Products and Services
- 13.8.4 Financial Overview
- 13.8.5 SWOT Analysis
- 13.8.6 Key Developments
- 13.9 Lupin Ltd
- 13.9.1 Key Facts
- 13.9.2 Business Description
- 13.9.3 Products and Services
- 13.9.4 Financial Overview
- 13.9.5 SWOT Analysis
- 13.9.6 Key Developments
- 13.10 Pfizer Inc
- 13.10.1 Key Facts
- 13.10.2 Business Description
- 13.10.3 Products and Services
- 13.10.4 Financial Overview
- 13.10.5 SWOT Analysis
- 13.10.6 Key Developments

14. APPENDIX

- 14.1 About The Insight Partners
- 14.2 Glossary of Terms

List Of Tables

LIST OF TABLES

Table 1. Drugs Patents Expiration Data

Table 2. North America Pulmonary Arterial Hypertension Market, by Type – Revenue and Forecast to 2028 (US\$ Million)

Table 3. US Pulmonary Arterial Hypertension Market, by Drugs – Revenue and Forecast to 2028 (US\$ Million)

Table 4. US Pulmonary Arterial Hypertension Market, by Type – Revenue and Forecast to 2028 (US\$ Million)

Table 5. US Pulmonary Arterial Hypertension Market, by Route of Administration – Revenue and Forecast to 2028 (US\$ Million)

Table 6. US Pulmonary Arterial Hypertension Market, by Distribution Channel – Revenue and Forecast to 2028 (US\$ Million)

Table 7. Canada Pulmonary Arterial Hypertension Market, by Drugs – Revenue and Forecast to 2028 (US\$ Million)

Table 8. Canada Pulmonary Arterial Hypertension Market, by Type – Revenue and Forecast to 2028 (US\$ Million)

Table 9. Canada Pulmonary Arterial Hypertension Market, by Route of Administration – Revenue and Forecast to 2028 (US\$ Million)

Table 10. Canada Pulmonary Arterial Hypertension Market, by Distribution Channel – Revenue and Forecast to 2028 (US\$ Million)

Table 11. Mexico Pulmonary Arterial Hypertension Market, by Drugs – Revenue and Forecast to 2028 (US\$ Million)

Table 12. Mexico Pulmonary Arterial Hypertension Market, by Type – Revenue and Forecast to 2028 (US\$ Million)

Table 13. Mexico Pulmonary Arterial Hypertension Market, by Route of Administration – Revenue and Forecast to 2028 (US\$ Million)

Table 14. Mexico Pulmonary Arterial Hypertension Market, by Distribution Channel – Revenue and Forecast to 2028 (US\$ Million)

Table 15. Organic Developments in the North America pulmonary arterial hypertension market

Table 16. Inorganic Developments in the North America pulmonary arterial hypertension market

Table 17. Glossary of Terms

List Of Figures

LIST OF FIGURES

- Figure 1. North America Pulmonary Arterial Hypertension Market Segmentation
- Figure 2. North America Pulmonary Arterial Hypertension Market – By Country
- Figure 3. North America Pulmonary Arterial Hypertension Market Overview
- Figure 4. Prostacyclin and Prostacyclin Analogs Segment Held Largest Share by Drugs of the North America Pulmonary Arterial Hypertension Market
- Figure 5. US to Show Significant Growth During Forecast Period
- Figure 6. North America: PEST Analysis
- Figure 7. Experts Opinion
- Figure 8. North America Pulmonary Arterial Hypertension Market Impact Analysis of Drivers and Restraint
- Figure 9. North America Pulmonary Arterial Hypertension Market– Revenue Forecast and Analysis – 2020 - 2028
- Figure 10. North America Pulmonary Arterial Hypertension Market Revenue Share, by Drugs 2021 & 2028 (%)
- Figure 11. Endothelin Receptor Antagonists (ERAs): North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 12. Prostacyclin and Prostacyclin Analogs: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 13. sGC Stimulators: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 14. Pde-5 Dipsticks: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 15. North America Pulmonary Arterial Hypertension Market, by Type 2021 & 2028 (%)
- Figure 16. Branded: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 17. Generics: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 18. North America Pulmonary Arterial Hypertension Market Revenue Share, by Route of Administration 2021 & 2028 (%)
- Figure 19. Oral: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 20. Intravenous/ Subcutaneous: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 21. Inhalational: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 22. North America Pulmonary Arterial Hypertension Market Revenue Share, by Distribution Channel 2021 & 2028 (%)

Figure 23. Hospital Pharmacies and Clinics: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 24. Online Pharmacies: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 25. Retail Pharmacies: North America Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 26. North America: Pulmonary Arterial Hypertension Market, by Key Country – Revenue (2021) (US\$ Million)

Figure 27. North America: Pulmonary Arterial Hypertension Market, by Country, 2021 & 2028 (%)

Figure 28. US: Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 29. Canada: Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 30. Mexico: Pulmonary Arterial Hypertension Market – Revenue and Forecast to 2028 (US\$ Million)

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