+44 20 8123 2220
info@marketpublishers.com

Hutchinson-Gilford Syndrome Market: Epidemiology, Industry Trends, Share, Size, Growth, Opportunity, and Forecast 2024-2034

https://marketpublishers.com/r/H9CDD6683126EN.html
Date: May 2024
Pages: 133
Price: US$ 6,499.00 (Single User License)
ID: H9CDD6683126EN

Abstracts

The 7 major Hutchinson-Gilford syndrome markets are expected to exhibit a CAGR of 6.53% during 2024-2034.

The Hutchinson-Gilford Syndrome market has been comprehensively analyzed in IMARC's new report titled "Hutchinson-Gilford Syndrome Market: Epidemiology, Industry Trends, Share, Size, Growth, Opportunity, and Forecast 2024-2034". Hutchinson-Gilford Syndrome, also known as progeria, is an extremely rare genetic condition that causes accelerated aging in children. It is caused by a spontaneous mutation in the LMNA gene, which results in the production of an abnormal protein called progerin. The symptoms of this illness typically appear in the first year of life and include growth failure, a distinctive appearance characterized by a small face and jaw, thinning hair, and loss of subcutaneous fat. Individuals suffering from the disorder may also experience stiffness in joints, wrinkled skin, high-pitched voices, veins easily seen through the skin, dental problems, premature aging, a weakened immune system, etc. The diagnosis of Hutchinson-Gilford Syndrome is mainly based on the patient's reported clinical features and medical history. The healthcare provider may also perform a physical test to measure the height, weight, and vital signs of patients. Additionally, genetic testing is required to confirm a diagnosis by determining changes in the gene associated with the underlying disease.

The increasing cases of gene abnormalities that cause an unstable cell nucleus structure, thereby affecting normal cell division, are primarily driving the Hutchinson-Gilford Syndrome market. Furthermore, the widespread adoption of farnesyltransferase inhibitors owing to their various advantages, such as increased flexibility of blood vessels, improved bone structure, and enhanced hearing capabilities in patients, is also

+44 20 8123 2220
info@marketpublishers.com

augmenting the market growth. In addition to this, the escalating utilization of physical and occupational therapy, which eases disease symptoms and promotes a person's ability to perform daily tasks by maintaining a good range of motion, balance, and posture, is further creating a positive outlook for the market. Moreover, several key players are investing in R&D activities to understand better the molecular pathways involved in the pathogenesis of disease and help to launch more potent treatment alternatives. This, in turn, is also bolstering market growth. Additionally, the emerging popularity of antisense oligonucleotide therapies, since they can inactivate harmful genes and decrease the level of telomeric non-coding RNA, is expected to drive the Hutchinson-Gilford Syndrome market in the coming years.

IMARC Group's new report provides an exhaustive analysis of the Hutchinson-Gilford Syndrome market in the United States, EU4 (Germany, Spain, Italy, and France), United Kingdom, and Japan. This includes treatment practices, in-market, and pipeline drugs, share of individual therapies, market performance across the seven major markets, market performance of key companies and their drugs, etc. The report also provides the current and future patient pool across the seven major markets. According to the report, the United States has the largest patient pool for Hutchinson-Gilford Syndrome and represents the largest market for its treatment. Furthermore, the current treatment practice/algorithm, market drivers, challenges, opportunities, reimbursement scenario, unmet medical needs, etc. have also been provided in the report. This report is a must-read for manufacturers, investors, business strategists, researchers, consultants, and all those who have any kind of stake or are planning to foray into the Hutchinson-Gilford Syndrome market in any manner.

Recent Developments:
In January 2024, Eiger BioPharmaceuticals, Inc., announced that the company and its partner AnGes, Inc. received marketing approval from the Ministry of Health, Labour and Welfare for Zokinvy (lonafarnib), a treatment for Hutchinson-Gilford Syndrome (HGPS).
In October 2023, The Progeria Research Foundation unveiled a groundbreaking Progeria test that accelerates the assessment of treatment benefits, indicating extended lifespans with lonafarnib.
In April 2023, the application of Progerinin in HGPS model mice demonstrated the ability to improve cardiac function and address arterial irregularities. These findings suggest promising prospects for Progerinin's effectiveness in treating cardiac dysfunction linked to HGPS.

+44 20 8123 2220
info@marketpublishers.com

Key Highlights:
With a prevalence of 1 in 23 million, Hutchinson-Gilford Syndrome (HGPS) is primarily caused by LMNA mutations, accounting for 92.8% of cases, while the remainder are linked to ZMPSTE24 mutations. Skin irregularities typically emerge earliest in HGPS patients, serving as a crucial diagnostic indicator.
The prevalence of children with HGPS per total population is one in 20 million.
The projected rate of occurrence for Hutchinson-Gilford Syndrome (HGPS) at birth is one in four million, showing consistent prevalence regardless of ethnic origin.
There are approximately 350-400 children globally who are estimated to have Progeria. However, only 161 cases have been identified by The Progeria Research Foundation, leaving around 200 children without a diagnosis.

Drugs:
Zokinvy (lonafarnib) represents the first FDA-approved treatment designed to reduce mortality risk in children diagnosed with Hutchinson-Gilford Syndrome. Acting as a farnesyltransferase inhibitor, it works to hinder the buildup of faulty, farnesylated proteins by blocking farnesyltransferase activity. Initially developed by Merck, lonafarnib was later licensed to Eiger Biopharmaceuticals Inc., which currently markets it under the Zokinvy brand. The FDA approved on November 20, 2020, marking a significant milestone as the first FDA-approved therapy for HGPS and related progeroid laminopathies. Additionally, it is indicated for the treatment of processing-deficient progeroid laminopathies in the same patient population, including individuals with either a heterozygous LMNA mutation leading to progerin-like protein accumulation or homozygous/compound heterozygous mutations in ZMPSTE24.

Time Period of the Study

Base Year: 2023
Historical Period: 2018-2023
Market Forecast: 2024-2034

Countries Covered

United States
Germany
France
United Kingdom
Italy

+44 20 8123 2220
info@marketpublishers.com

Spain
Japan

Analysis Covered Across Each Country

Historical, current, and future epidemiology scenario
Historical, current, and future performance of the Hutchinson-Gilford syndrome market
Historical, current, and future performance of various therapeutic categories in the market
Sales of various drugs across the Hutchinson-Gilford syndrome market
Reimbursement scenario in the market
In-market and pipeline drugs

Competitive Landscape:
This report also provides a detailed analysis of the current Hutchinson-Gilford syndrome marketed drugs and late-stage pipeline drugs.

In-Market Drugs

Drug Overview
Mechanism of Action
Regulatory Status
Clinical Trial Results
Drug Uptake and Market Performance

Late-Stage Pipeline Drugs

Drug Overview
Mechanism of Action
Regulatory Status
Clinical Trial Results
Drug Uptake and Market Performance

*Kindly note that the drugs in the above table only represent a partial list of marketed/pipeline drugs, and the complete list has been provided in the report.

Key Questions Answered in this Report:
Market Insights

+44 20 8123 2220
info@marketpublishers.com

How has the Hutchinson-Gilford syndrome market performed so far and how will it perform in the coming years?
What are the markets shares of various therapeutic segments in 2023 and how are they expected to perform till 2034?
What was the country-wise size of the Hutchinson-Gilford syndrome market across the seven major markets in 2023 and what will it look like in 2034?
What is the growth rate of the Hutchinson-Gilford syndrome market across the seven major markets and what will be the expected growth over the next ten years?
What are the key unmet needs in the market?

Epidemiology Insights

What is the number of prevalent cases (2018-2034) of Hutchinson-Gilford syndrome across the seven major markets?
What is the number of prevalent cases (2018-2034) of Hutchinson-Gilford syndrome by age across the seven major markets?
What is the number of prevalent cases (2018-2034) of Hutchinson-Gilford syndrome by gender across the seven major markets?
How many patients are diagnosed (2018-2034) with Hutchinson-Gilford syndrome across the seven major markets?
What is the size of the Hutchinson-Gilford syndrome patient pool (2018-2023) across the seven major markets?
What would be the forecasted patient pool (2024-2034) across the seven major markets?
What are the key factors driving the epidemiological trend of Hutchinson-Gilford syndrome?
What will be the growth rate of patients across the seven major markets?

Hutchinson-Gilford Syndrome: Current Treatment Scenario, Marketed Drugs and Emerging Therapies

What are the current marketed drugs and what are their market performance?
What are the key pipeline drugs and how are they expected to perform in the coming years?
How safe are the current marketed drugs and what are their efficacies?
How safe are the late-stage pipeline drugs and what are their efficacies?
What are the current treatment guidelines for Hutchinson-Gilford syndrome drugs across the seven major markets?

+44 20 8123 2220
info@marketpublishers.com

Who are the key companies in the market and what are their market shares?
What are the key mergers and acquisitions, licensing activities, collaborations, etc. related to the Hutchinson-Gilford syndrome market?
What are the key regulatory events related to the Hutchinson-Gilford syndrome market?
What is the structure of clinical trial landscape by status related to the Hutchinson-Gilford syndrome market?
What is the structure of clinical trial landscape by phase related to the Hutchinson-Gilford syndrome market?
What is the structure of clinical trial landscape by route of administration related to the Hutchinson-Gilford syndrome market?

+44 20 8123 2220
info@marketpublishers.com

Contents

?1 Preface

2 SCOPE AND METHODOLOGY

2.1 Objectives of the Study
2.2 Stakeholders
2.3 Data Sources
  2.3.1 Primary Sources
  2.3.2 Secondary Sources
2.4 Market Estimation
  2.4.1 Bottom-Up Approach
  2.4.2 Top-Down Approach
2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 HUTCHINSON-GILFORD SYNDROME - INTRODUCTION

4.1 Overview
4.2 Regulatory Process
4.3 Epidemiology (2018-2023) and Forecast (2024-2034)
4.4 Market Overview (2018-2023) and Forecast (2024-2034)
4.5 Competitive Intelligence

5 HUTCHINSON-GILFORD SYNDROME - DISEASE OVERVIEW

5.1 Introduction
5.2 Symptoms and Diagnosis
5.3 Pathophysiology
5.4 Causes and Risk Factors
5.5 Treatment

6 PATIENT JOURNEY

7 HUTCHINSON-GILFORD SYNDROME - EPIDEMIOLOGY AND PATIENT POPULATION

+44 20 8123 2220
info@marketpublishers.com

7.1 Epidemiology - Key Insights
7.2 Epidemiology Scenario - Top 7 Markets
7.2.1 Epidemiology Scenario (2018-2023)
7.2.2 Epidemiology Forecast (2024-2034)
7.2.3 Epidemiology by Age (2018-2034)
7.2.4 Epidemiology by Gender (2018-2034)
7.2.5 Diagnosed Cases (2018-2034)
7.2.6 Patient Pool/Treated Cases (2018-2034)
7.3 Epidemiology Scenario - United States
7.3.1 Epidemiology Scenario (2018-2023)
7.3.2 Epidemiology Forecast (2024-2034)
7.3.3 Epidemiology by Age (2018-2034)
7.3.4 Epidemiology by Gender (2018-2034)
7.3.5 Diagnosed Cases (2018-2034)
7.3.6 Patient Pool/Treated Cases (2018-2034)
7.4 Epidemiology Scenario - Germany
7.4.1 Epidemiology Scenario (2018-2023)
7.4.2 Epidemiology Forecast (2024-2034)
7.4.3 Epidemiology by Age (2018-2034)
7.4.4 Epidemiology by Gender (2018-2034)
7.4.5 Diagnosed Cases (2018-2034)
7.4.6 Patient Pool/Treated Cases (2018-2034)
7.5 Epidemiology Scenario - France
7.5.1 Epidemiology Scenario (2018-2023)
7.5.2 Epidemiology Forecast (2024-2034)
7.5.3 Epidemiology by Age (2018-2034)
7.5.4 Epidemiology by Gender (2018-2034)
7.5.5 Diagnosed Cases (2018-2034)
7.5.6 Patient Pool/Treated Cases (2018-2034)
7.6 Epidemiology Scenario - United Kingdom
7.6.1 Epidemiology Scenario (2018-2023)
7.6.2 Epidemiology Forecast (2024-2034)
7.6.3 Epidemiology by Age (2018-2034)
7.6.4 Epidemiology by Gender (2018-2034)
7.6.5 Diagnosed Cases (2018-2034)
7.6.6 Patient Pool/Treated Cases (2018-2034)
7.7 Epidemiology Scenario - Italy
7.7.1 Epidemiology Scenario (2018-2023)
7.7.2 Epidemiology Forecast (2024-2034)

+44 20 8123 2220
info@marketpublishers.com

7.7.3 Epidemiology by Age (2018-2034)
7.7.4 Epidemiology by Gender (2018-2034)
7.7.5 Diagnosed Cases (2018-2034)
7.7.6 Patient Pool/Treated Cases (2018-2034)
7.8 Epidemiology Scenario - Spain
7.8.1 Epidemiology Scenario (2018-2023)
7.8.2 Epidemiology Forecast (2024-2034)
7.8.3 Epidemiology by Age (2018-2034)
7.8.4 Epidemiology by Gender (2018-2034)
7.8.5 Diagnosed Cases (2018-2034)
7.8.6 Patient Pool/Treated Cases (2018-2034)
7.9 Epidemiology Scenario - Japan
7.9.1 Epidemiology Scenario (2018-2023)
7.9.2 Epidemiology Forecast (2024-2034)
7.9.3 Epidemiology by Age (2018-2034)
7.9.4 Epidemiology by Gender (2018-2034)
7.9.5 Diagnosed Cases (2018-2034)
7.9.6 Patient Pool/Treated Cases (2018-2034)

8 HUTCHINSON-GILFORD SYNDROME - TREATMENT ALGORITHM, GUIDELINES, AND MEDICAL PRACTICES

8.1 Guidelines, Management and Treatment
8.2 Treatment Algorithm

9 HUTCHINSON-GILFORD SYNDROME - UNMET NEEDS

10 HUTCHINSON-GILFORD SYNDROME - KEY ENDPOINTS OF TREATMENT

11 HUTCHINSON-GILFORD SYNDROME - MARKETED PRODUCTS

11.1 List of Hutchinson-Gilford Syndrome Marketed Drugs Across the Top 7 Markets
11.1.1 Zokinvy (Lonafarnib) - Eiger Biopharmaceuticals
11.1.1.1 Drug Overview
11.1.1.2 Mechanism of Action
11.1.1.3 Regulatory Status
11.1.1.4 Clinical Trial Results
11.1.1.5 Sales Across Major Markets
Kindly note that the above only represents a partial list of marketed drugs, and the

+44 20 8123 2220
info@marketpublishers.com

complete list has been provided in the report.

12 HUTCHINSON-GILFORD SYNDROME - PIPELINE DRUGS

12.1 List of Hutchinson-Gilford Syndrome Pipeline Drugs Across the Top 7 Markets
12.1.1 Progerinin - PRG Science and Technology
12.1.1.1 Drug Overview
12.1.1.2 Mechanism of Action
12.1.1.3 Clinical Trial Results
12.1.1.4 Safety and Efficacy
12.1.1.5 Regulatory Status
Kindly note that the above only represents a partial list of pipeline drugs, and the complete list has been provided in the report.

13. HUTCHINSON-GILFORD SYNDROME - ATTRIBUTE ANALYSIS OF KEY MARKETED AND PIPELINE DRUGS

14. HUTCHINSON-GILFORD SYNDROME – CLINICAL TRIAL LANDSCAPE

14.1 Drugs by Status
14.2 Drugs by Phase
14.3 Drugs by Route of Administration
14.4 Key Regulatory Events

15 HUTCHINSON-GILFORD SYNDROME - MARKET SCENARIO

15.1 Market Scenario - Key Insights
15.2 Market Scenario - Top 7 Markets
15.2.1 Hutchinson-Gilford Syndrome - Market Size
15.2.1.1 Market Size (2018-2023)
15.2.1.2 Market Forecast (2024-2034)
15.2.2 Hutchinson-Gilford Syndrome - Market Size by Therapies
15.2.2.1 Market Size by Therapies (2018-2023)
15.2.2.2 Market Forecast by Therapies (2024-2034)
15.3 Market Scenario - United States
15.3.1 Hutchinson-Gilford Syndrome - Market Size
15.3.1.1 Market Size (2018-2023)
15.3.1.2 Market Forecast (2024-2034)
15.3.2 Hutchinson-Gilford Syndrome - Market Size by Therapies

+44 20 8123 2220
info@marketpublishers.com

15.3.2.1 Market Size by Therapies (2018-2023)
15.3.2.2 Market Forecast by Therapies (2024-2034)
15.3.3 Hutchinson-Gilford Syndrome - Access and Reimbursement Overview
15.4 Market Scenario - Germany
15.4.1 Hutchinson-Gilford Syndrome - Market Size
15.4.1.1 Market Size (2018-2023)
15.4.1.2 Market Forecast (2024-2034)
15.4.2 Hutchinson-Gilford Syndrome - Market Size by Therapies
15.4.2.1 Market Size by Therapies (2018-2023)
15.4.2.2 Market Forecast by Therapies (2024-2034)
15.4.3 Hutchinson-Gilford Syndrome - Access and Reimbursement Overview
15.5 Market Scenario - France
15.5.1 Hutchinson-Gilford Syndrome - Market Size
15.5.1.1 Market Size (2018-2023)
15.5.1.2 Market Forecast (2024-2034)
15.5.2 Hutchinson-Gilford Syndrome - Market Size by Therapies
15.5.2.1 Market Size by Therapies (2018-2023)
15.5.2.2 Market Forecast by Therapies (2024-2034)
15.5.3 Hutchinson-Gilford Syndrome - Access and Reimbursement Overview
15.6 Market Scenario - United Kingdom
15.6.1 Hutchinson-Gilford Syndrome - Market Size
15.6.1.1 Market Size (2018-2023)
15.6.1.2 Market Forecast (2024-2034)
15.6.2 Hutchinson-Gilford Syndrome - Market Size by Therapies
15.6.2.1 Market Size by Therapies (2018-2023)
15.6.2.2 Market Forecast by Therapies (2024-2034)
15.6.3 Hutchinson-Gilford Syndrome - Access and Reimbursement Overview
15.7 Market Scenario - Italy
15.7.1 Hutchinson-Gilford Syndrome - Market Size
15.7.1.1 Market Size (2018-2023)
15.7.1.2 Market Forecast (2024-2034)
15.7.2 Hutchinson-Gilford Syndrome - Market Size by Therapies
15.7.2.1 Market Size by Therapies (2018-2023)
15.7.2.2 Market Forecast by Therapies (2024-2034)
15.7.3 Hutchinson-Gilford Syndrome - Access and Reimbursement Overview
15.8 Market Scenario - Spain
15.8.1 Hutchinson-Gilford Syndrome - Market Size
15.8.1.1 Market Size (2018-2023)
15.8.1.2 Market Forecast (2024-2034)

+44 20 8123 2220
info@marketpublishers.com

15.8.2 Hutchinson-Gilford Syndrome - Market Size by Therapies
15.8.2.1 Market Size by Therapies (2018-2023)
15.8.2.2 Market Forecast by Therapies (2024-2034)
15.8.3 Hutchinson-Gilford Syndrome - Access and Reimbursement Overview
15.9 Market Scenario - Japan
15.9.1 Hutchinson-Gilford Syndrome - Market Size
15.9.1.1 Market Size (2018-2023)
15.9.1.2 Market Forecast (2024-2034)
15.9.2 Hutchinson-Gilford Syndrome - Market Size by Therapies
15.9.2.1 Market Size by Therapies (2018-2023)
15.9.2.2 Market Forecast by Therapies (2024-2034)
15.9.3 Hutchinson-Gilford Syndrome - Access and Reimbursement Overview

16 HUTCHINSON-GILFORD SYNDROME - RECENT EVENTS AND INPUTS FROM KEY OPINION LEADERS

17 HUTCHINSON-GILFORD SYNDROME MARKET - SWOT ANALYSIS

17.1 Strengths
17.2 Weaknesses
17.3 Opportunities
17.4 Threats

18 HUTCHINSON-GILFORD SYNDROME MARKET – STRATEGIC RECOMMENDATIONS

19 APPENDIX

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Hutchinson-Gilford Syndrome Market: Epidemiology, Industry Trends, Share, Size, Growth, Opportunity, and Forecast 2024-2034

Product link: https://marketpublishers.com/r/H9CDD6683126EN.html

Price: US$ 6,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/H9CDD6683126EN.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

Custumer 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

+44 20 8123 2220
info@marketpublishers.com