

Germ Cell Tumor Market: Epidemiology, Industry Trends, Share, Size, Growth, Opportunity, and Forecast 2024-2034

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Abstracts

The 7 major germ cell tumor markets reached a value of US\$ 1.5 Billion in 2023. Looking forward, IMARC Group expects the 7MM to reach US\$ 3.7 Billion by 2034, exhibiting a growth rate (CAGR) of 8.91% during 2024-2034.

The germ cell tumor market has been comprehensively analyzed in IMARC's new report titled "Germ Cell Tumor Market: Epidemiology, Industry Trends, Share, Size, Growth, Opportunity, and Forecast 2024-2034". Germ cell tumors refer to a type of cancer that arises from the cells that form the reproductive system. These tumors can occur in both males and females and typically develop in the ovaries or testes. However, they can also arise in various other areas, such as the brain, chest, abdomen, pelvis, etc. The symptoms of the ailment can vary depending on the tumor's location and stage. Testicular germ cell tumors may manifest as painless lumps or swelling in the testicle, testicular discomfort, or breast enlargement. On the other hand, ovarian germ cell tumors can cause symptoms like abdominal pain, bloating, pelvic discomfort, irregular menstrual cycles, etc. The diagnosis of the condition typically begins with a thorough medical history and physical examination. Several diagnostic procedures, such as ultrasound, computed tomography (CT) scans, magnetic resonance imaging (MRI), etc., are commonly performed to visualize the tumor and determine its location and extent. Blood tests are also conducted to measure tumor markers, including alpha-fetoprotein (AFP), beta-human chorionic gonadotropin (?-hCG), lactate dehydrogenase (LDH), etc. Additionally, a tissue biopsy is often necessary to confirm the diagnosis and identify the specific tumor type.

The increasing cases of disruptions or abnormalities in the normal process of germ cell formation and migration are primarily driving the germ cell tumor market. Apart from

this, the rising prevalence of numerous associated risk factors, including abnormal development of the gonads, undescended testicles, genetic predisposition, preexisting medical conditions like testicular microlithiasis, etc., is also creating a positive outlook for the market. Additionally, the widespread adoption of platinum-based chemotherapy regimens on account of their several benefits, such as enhanced tumor shrinkage and reduced risk of recurrence, is acting as another significant growth-inducing factor. Moreover, the escalating utilization of radiation therapy, which utilizes high-energy beams to target and destroy cancer cells, for treating mediastinal (chest) germ cell tumors, is further bolstering the market growth. In addition to this, the emerging popularity of focal orchidectomy, since it preserves the affected testicle while effectively removing the tumor, thereby allowing for improved cosmetic outcomes and preservation of fertility, is expected to drive the germ cell tumor market during the forecast period.

IMARC Group's new report provides an exhaustive analysis of the germ cell tumor market in the United States, EU5 (Germany, Spain, Italy, France, and 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 germ cell tumor and also represents the largest market for its treatment. Furthermore, the current treatment practice/algorithm, market drivers, challenges, opportunities, reimbursement scenario and 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 germ cell tumor market in any manner.

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

Spain

Japan

Analysis Covered Across Each Country

Historical, current, and future epidemiology scenario

Historical, current, and future performance of the germ cell tumor market

Historical, current, and future performance of various therapeutic categories in the market

Sales of various drugs across the germ cell tumor market

Reimbursement scenario in the market

In-market and pipeline drugs

Competitive Landscape:

This report also provides a detailed analysis of the current germ cell tumor 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

Key Questions Answered in this Report:

Market Insights

How has the germ cell tumor 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 germ cell tumor market across the seven major markets in 2023 and what will it look like in 2034?

What is the growth rate of the germ cell tumor 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 germ cell tumor across the seven major markets?

What is the number of prevalent cases (2018-2034) of germ cell tumor by age across the seven major markets?

What is the number of prevalent cases (2018-2034) of germ cell tumor by gender across the seven major markets?

How many patients are diagnosed (2018-2034) with germ cell tumor across the seven major markets?

What is the size of the germ cell tumor 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 germ cell tumor?

What will be the growth rate of patients across the seven major markets?

Germ Cell Tumor: 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 germ cell tumor drugs across the seven major markets?

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 germ cell tumor market?

What are the key regulatory events related to the germ cell tumor market?

What is the structure of clinical trial landscape by status related to the germ cell tumor

market?

What is the structure of clinical trial landscape by phase related to the germ cell tumor market?

What is the structure of clinical trial landscape by route of administration related to the germ cell tumor market?

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 GERM CELL TUMOR - 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 GERM CELL TUMOR - 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 GERM CELL TUMOR - EPIDEMIOLOGY AND PATIENT POPULATION

- 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)
 - 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 GERM CELL TUMOR - TREATMENT ALGORITHM, GUIDELINES, AND MEDICAL PRACTICES

- 8.1 Guidelines, Management and Treatment
- 8.2 Treatment Algorithm

9 GERM CELL TUMOR - UNMET NEEDS

10 GERM CELL TUMOR - KEY ENDPOINTS OF TREATMENT

11 GERM CELL TUMOR - MARKETED PRODUCTS

- 11.1 List of Germ Cell Tumor Marketed Drugs Across the Top 7 Markets
 - 11.1.1 Drug Name – Company Name
 - 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 complete list of marketed drugs has been provided in the report.

12 GERM CELL TUMOR - PIPELINE DRUGS

12.1 List of Germ Cell Tumor Pipeline Drugs Across the Top 7 Markets

12.1.1 Drug Name – Company Name

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 complete list of pipeline drugs has been provided in the report.

13. GERM CELL TUMOR - ATTRIBUTE ANALYSIS OF KEY MARKETED AND PIPELINE DRUGS

14. GERM CELL TUMOR – 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 GERM CELL TUMOR - MARKET SCENARIO

15.1 Market Scenario - Key Insights

15.2 Market Scenario - Top 7 Markets

15.2.1 Germ Cell Tumor - Market Size

15.2.1.1 Market Size (2018-2023)

15.2.1.2 Market Forecast (2024-2034)

15.2.2 Germ Cell Tumor - 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 Germ Cell Tumor - Market Size

15.3.1.1 Market Size (2018-2023)

15.3.1.2 Market Forecast (2024-2034)

15.3.2 Germ Cell Tumor - Market Size by Therapies

15.3.2.1 Market Size by Therapies (2018-2023)

15.3.2.2 Market Forecast by Therapies (2024-2034)

15.3.3 Germ Cell Tumor - Access and Reimbursement Overview

15.4 Market Scenario - Germany

15.4.1 Germ Cell Tumor - Market Size

15.4.1.1 Market Size (2018-2023)

15.4.1.2 Market Forecast (2024-2034)

15.4.2 Germ Cell Tumor - 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 Germ Cell Tumor - Access and Reimbursement Overview

15.5 Market Scenario - France

15.5.1 Germ Cell Tumor - Market Size

15.5.1.1 Market Size (2018-2023)

15.5.1.2 Market Forecast (2024-2034)

15.5.2 Germ Cell Tumor - 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 Germ Cell Tumor - Access and Reimbursement Overview

15.6 Market Scenario - United Kingdom

15.6.1 Germ Cell Tumor - Market Size

15.6.1.1 Market Size (2018-2023)

15.6.1.2 Market Forecast (2024-2034)

15.6.2 Germ Cell Tumor - 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 Germ Cell Tumor - Access and Reimbursement Overview

15.7 Market Scenario - Italy

15.7.1 Germ Cell Tumor - Market Size

15.7.1.1 Market Size (2018-2023)

15.7.1.2 Market Forecast (2024-2034)

15.7.2 Germ Cell Tumor - 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 Germ Cell Tumor - Access and Reimbursement Overview

15.8 Market Scenario - Spain

15.8.1 Germ Cell Tumor - Market Size

15.8.1.1 Market Size (2018-2023)

15.8.1.2 Market Forecast (2024-2034)

15.8.2 Germ Cell Tumor - 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 Germ Cell Tumor - Access and Reimbursement Overview
- 15.9 Market Scenario - Japan
 - 15.9.1 Germ Cell Tumor - Market Size
 - 15.9.1.1 Market Size (2018-2023)
 - 15.9.1.2 Market Forecast (2024-2034)
 - 15.9.2 Germ Cell Tumor - 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 Germ Cell Tumor - Access and Reimbursement Overview

16 GERM CELL TUMOR - RECENT EVENTS AND INPUTS FROM KEY OPINION LEADERS

17 GERM CELL TUMOR MARKET - SWOT ANALYSIS

- 17.1 Strengths
- 17.2 Weaknesses
- 17.3 Opportunities
- 17.4 Threats

18 GERM CELL TUMOR MARKET – STRATEGIC RECOMMENDATIONS

19 APPENDIX

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