

# Male Infertility Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

The global male infertility market size reached US\$ 3.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 5.2 Billion by 2028, exhibiting a growth rate (CAGR) of 5.49% during 2023-2028.

Male infertility is a disease of the reproductive system that lowers the chance of the affected individual to impregnate a fertile woman. Genetic defects, undescended testicles, sperm illnesses, injuries, lifestyle choices, diabetes, or infections, such as chlamydia, gonorrhea, mumps, or HIV, are some factors that may contribute to male infertility. It can also arise due to abnormal sperm function, blockages, and low sperm production that prevents the delivery of sperm. Male infertility treatment includes hormone therapy, vasoepididymostomy, and assisted reproductive technology (ART) procedures, such as in vitro fertilization (IVF) and varicocele surgery. These procedures help enhance the reproductive health of males, restore testosterone levels, and improve the quality of sperm to enable pregnancy.

### Male Infertility Market Trends:

Changing lifestyles, delayed pregnancies, and aging are among the key factors driving the market growth. In line with this, the rising incidences of chronic diseases, such as diabetes, obesity, and hypertension, due to sedentary lifestyles and lack of physical activities are favoring the market growth. Moreover, the widespread adoption of deoxyribonucleic acid (DNA) fragmentation techniques and computer-assisted semen analysis to diagnose hypospermia, measure semen volume, and determine male infertility is acting as another growth-inducing factor. Apart from this, the increasing demand for ART procedures, such as IVF, that involve the utilization of previously frozen sperms is providing an impetus to the market growth. Additionally, the growing availability of numerous infertility treatment drugs, procedures, and devices is facilitating

the market growth. Besides this, rising workload and the accompanying stress, along with unhealthy habits, such as excessive consumption of alcohol, drugs, and smoking, leading to infertility issues among males, are propelling the market growth. Furthermore, the implementation of various government initiatives toward improving reimbursement scenarios for infertility-related treatments and enhance the safety of patient data is positively influencing the market growth. Other factors, including extensive research and development (R&D) activities, rising expenditure capacities of consumers, and growing awareness among individuals about increasing accessibility to improved healthcare facilities, are anticipated to drive the market growth.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global male infertility market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on test type, treatment, distribution channel and end user.

#### Breakup by Test Type:

- Sperm Agglutination
- DNA Fragmentation Technique
- Oxidative Stress Analysis
- Computer Assisted Semen Analysis
- Sperm Penetration Assay
- Others

#### Breakup by Treatment:

- Medication
- Assisted Reproductive Technology and Varicocele Surgery

#### Breakup by Distribution Channel:

- Hospitals Pharmacies
- Pharmacies and Drug Stores
- Online Pharmacies

#### Breakup by End User:

- Hospitals and Clinics

Fertility Centers  
Research Institutes  
Others

#### Breakup by Region:

North America  
United States  
Canada  
Asia-Pacific  
China  
Japan  
India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Andrology Solutions, CinnaGen Co., Halotech DNA, SCSA Diagnostics Inc., Vitrolife, Zydus Lifesciences Limited, Intas Pharmaceuticals Ltd. and Endo International plc.

#### Key Questions Answered in This Report:

How has the global male infertility market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global male infertility market?

What are the key regional markets?

What is the breakup of the market based on the test type?

What is the breakup of the market based on the treatment?

What is the breakup of the market based on the distribution channel?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global male infertility market and who are the key players?

What is the degree of competition in the industry?

## 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 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL MALE INFERTILITY MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY TEST TYPE**

- 6.1 Sperm Agglutination
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 DNA Fragmentation Technique
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast
- 6.3 Oxidative Stress Analysis

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Computer Assisted Semen Analysis
  - 6.4.1 Market Trends
  - 6.4.2 Market Forecast
- 6.5 Sperm Penetration Assay
  - 6.5.1 Market Trends
  - 6.5.2 Market Forecast
- 6.6 Others
  - 6.6.1 Market Trends
  - 6.6.2 Market Forecast

## **7 MARKET BREAKUP BY TREATMENT**

- 7.1 Medication
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 Assisted Reproductive Technology and Varicocele Surgery
  - 7.2.1 Market Trends
  - 7.2.2 Market Forecast

## **8 MARKET BREAKUP BY DISTRIBUTION CHANNEL**

- 8.1 Hospitals Pharmacies
  - 8.1.1 Market Trends
  - 8.1.2 Market Forecast
- 8.2 Pharmacies and Drug Stores
  - 8.2.1 Market Trends
  - 8.2.2 Market Forecast
- 8.3 Online Pharmacies
  - 8.3.1 Market Trends
  - 8.3.2 Market Forecast

## **9 MARKET BREAKUP BY END USER**

- 9.1 Hospitals and Clinics
  - 9.1.1 Market Trends
  - 9.1.2 Market Forecast
- 9.2 Fertility Centers

- 9.2.1 Market Trends
- 9.2.2 Market Forecast
- 9.3 Research Institutes
  - 9.3.1 Market Trends
  - 9.3.2 Market Forecast
- 9.4 Others
  - 9.4.1 Market Trends
  - 9.4.2 Market Forecast

## **10 MARKET BREAKUP BY REGION**

- 10.1 North America
  - 10.1.1 United States
    - 10.1.1.1 Market Trends
    - 10.1.1.2 Market Forecast
  - 10.1.2 Canada
    - 10.1.2.1 Market Trends
    - 10.1.2.2 Market Forecast
- 10.2 Asia-Pacific
  - 10.2.1 China
    - 10.2.1.1 Market Trends
    - 10.2.1.2 Market Forecast
  - 10.2.2 Japan
    - 10.2.2.1 Market Trends
    - 10.2.2.2 Market Forecast
  - 10.2.3 India
    - 10.2.3.1 Market Trends
    - 10.2.3.2 Market Forecast
  - 10.2.4 South Korea
    - 10.2.4.1 Market Trends
    - 10.2.4.2 Market Forecast
  - 10.2.5 Australia
    - 10.2.5.1 Market Trends
    - 10.2.5.2 Market Forecast
  - 10.2.6 Indonesia
    - 10.2.6.1 Market Trends
    - 10.2.6.2 Market Forecast
  - 10.2.7 Others
    - 10.2.7.1 Market Trends

- 10.2.7.2 Market Forecast
- 10.3 Europe
  - 10.3.1 Germany
    - 10.3.1.1 Market Trends
    - 10.3.1.2 Market Forecast
  - 10.3.2 France
    - 10.3.2.1 Market Trends
    - 10.3.2.2 Market Forecast
  - 10.3.3 United Kingdom
    - 10.3.3.1 Market Trends
    - 10.3.3.2 Market Forecast
  - 10.3.4 Italy
    - 10.3.4.1 Market Trends
    - 10.3.4.2 Market Forecast
  - 10.3.5 Spain
    - 10.3.5.1 Market Trends
    - 10.3.5.2 Market Forecast
  - 10.3.6 Russia
    - 10.3.6.1 Market Trends
    - 10.3.6.2 Market Forecast
  - 10.3.7 Others
    - 10.3.7.1 Market Trends
    - 10.3.7.2 Market Forecast
- 10.4 Latin America
  - 10.4.1 Brazil
    - 10.4.1.1 Market Trends
    - 10.4.1.2 Market Forecast
  - 10.4.2 Mexico
    - 10.4.2.1 Market Trends
    - 10.4.2.2 Market Forecast
  - 10.4.3 Others
    - 10.4.3.1 Market Trends
    - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa
  - 10.5.1 Market Trends
  - 10.5.2 Market Breakup by Country
  - 10.5.3 Market Forecast

## **11 SWOT ANALYSIS**



- 11.1 Overview
- 11.2 Strengths
- 11.3 Weaknesses
- 11.4 Opportunities
- 11.5 Threats

## **12 VALUE CHAIN ANALYSIS**

## **13 PORTERS FIVE FORCES ANALYSIS**

- 13.1 Overview
- 13.2 Bargaining Power of Buyers
- 13.3 Bargaining Power of Suppliers
- 13.4 Degree of Competition
- 13.5 Threat of New Entrants
- 13.6 Threat of Substitutes

## **14 PRICE ANALYSIS**

## **15 COMPETITIVE LANDSCAPE**

- 15.1 Market Structure
- 15.2 Key Players
- 15.3 Profiles of Key Players
  - 15.3.1 Andrology Solutions
    - 15.3.1.1 Company Overview
    - 15.3.1.2 Product Portfolio
  - 15.3.2 CinnaGen Co.
    - 15.3.2.1 Company Overview
    - 15.3.2.2 Product Portfolio
  - 15.3.3 Halotech DNA
    - 15.3.3.1 Company Overview
    - 15.3.3.2 Product Portfolio
  - 15.3.4 SCSA Diagnostics Inc.
    - 15.3.4.1 Company Overview
    - 15.3.4.2 Product Portfolio
  - 15.3.5 Vitrolife
    - 15.3.5.1 Company Overview

- 15.3.5.2 Product Portfolio
- 15.3.5.3 Financials
- 15.3.6 Zydus Lifesciences Limited
  - 15.3.6.1 Company Overview
  - 15.3.6.2 Product Portfolio
  - 15.3.6.3 Financials
  - 15.3.6.4 SWOT Analysis
- 15.3.7 Intas Pharmaceuticals Ltd.
  - 15.3.7.1 Company Overview
  - 15.3.7.2 Product Portfolio
- 15.3.8 Endo International plc
  - 15.3.8.1 Company Overview
  - 15.3.8.2 Product Portfolio
  - 15.3.8.3 Financials
  - 15.3.8.4 SWOT Analysis

## List Of Tables

### LIST OF TABLES

Table 1: Global: Male Infertility Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Male Infertility Market Forecast: Breakup by Test Type (in Million US\$), 2023-2028

Table 3: Global: Male Infertility Market Forecast: Breakup by Treatment (in Million US\$), 2023-2028

Table 4: Global: Male Infertility Market Forecast: Breakup by Distribution Channel (in Million US\$), 2023-2028

Table 5: Global: Male Infertility Market Forecast: Breakup by End User (in Million US\$), 2023-2028

Table 6: Global: Male Infertility Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 7: Global: Male Infertility Market: Competitive Structure

Table 8: Global: Male Infertility Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Male Infertility Market: Major Drivers and Challenges

Figure 2: Global: Male Infertility Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Male Infertility Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Male Infertility Market: Breakup by Test Type (in %), 2022

Figure 5: Global: Male Infertility Market: Breakup by Treatment (in %), 2022

Figure 6: Global: Male Infertility Market: Breakup by Distribution Channel (in %), 2022

Figure 7: Global: Male Infertility Market: Breakup by End User (in %), 2022

Figure 8: Global: Male Infertility Market: Breakup by Region (in %), 2022

Figure 9: Global: Male Infertility (Sperm Agglutination) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 10: Global: Male Infertility (Sperm Agglutination) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 11: Global: Male Infertility (DNA Fragmentation Technique) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 12: Global: Male Infertility (DNA Fragmentation Technique) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 13: Global: Male Infertility (Oxidative Stress Analysis) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 14: Global: Male Infertility (Oxidative Stress Analysis) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: Global: Male Infertility (Computer Assisted Semen Analysis) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 16: Global: Male Infertility (Computer Assisted Semen Analysis) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: Global: Male Infertility (Sperm Penetration Assay) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 18: Global: Male Infertility (Sperm Penetration Assay) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: Global: Male Infertility (Other Test Types) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: Global: Male Infertility (Other Test Types) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: Global: Male Infertility (Medication) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: Global: Male Infertility (Medication) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: Global: Male Infertility (Assisted Reproductive Technology and Varicocele Surgery) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Global: Male Infertility (Assisted Reproductive Technology and Varicocele Surgery) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Global: Male Infertility (Hospitals Pharmacies) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: Global: Male Infertility (Hospitals Pharmacies) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: Global: Male Infertility (Pharmacies and Drug Stores) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: Global: Male Infertility (Pharmacies and Drug Stores) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: Global: Male Infertility (Online Pharmacies) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: Global: Male Infertility (Online Pharmacies) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: Global: Male Infertility (Hospitals and Clinics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: Global: Male Infertility (Hospitals and Clinics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: Global: Male Infertility (Fertility Centers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: Global: Male Infertility (Fertility Centers) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Global: Male Infertility (Research Institutes) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: Global: Male Infertility (Research Institutes) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Global: Male Infertility (Other End Users) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: Global: Male Infertility (Other End Users) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 39: North America: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 40: North America: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 41: United States: Male Infertility Market: Sales Value (in Million US\$), 2017 &

2022

Figure 42: United States: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43: Canada: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 44: Canada: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: Asia-Pacific: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: Asia-Pacific: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: China: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: China: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: Japan: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: Japan: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: India: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: India: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: South Korea: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: South Korea: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: Australia: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: Australia: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 57: Indonesia: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 58: Indonesia: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 59: Others: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 60: Others: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 61: Europe: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 62: Europe: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 63: Germany: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 64: Germany: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 65: France: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 66: France: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 67: United Kingdom: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 68: United Kingdom: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 69: Italy: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 70: Italy: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 71: Spain: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 72: Spain: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 73: Russia: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 74: Russia: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 75: Others: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 76: Others: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 77: Latin America: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 78: Latin America: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 79: Brazil: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 80: Brazil: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 81: Mexico: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 82: Mexico: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 83: Others: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 84: Others: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 85: Middle East and Africa: Male Infertility Market: Sales Value (in Million US\$), 2017 & 2022

Figure 86: Middle East and Africa: Male Infertility Market: Breakup by Country (in %), 2022

Figure 87: Middle East and Africa: Male Infertility Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 88: Global: Male Infertility Industry: SWOT Analysis

Figure 89: Global: Male Infertility Industry: Value Chain Analysis

Figure 90: Global: Male Infertility Industry: Porter's Five Forces Analysis



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