

# 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?

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