

Artificial Insemination Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global artificial insemination market size reached US\$ 2.0 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 3.2 Billion by 2028, exhibiting a growth rate (CAGR) of 8.1% during 2022-2028. Increasing infertility rates, rapid lifestyle changes, and escalating prevalence of medical conditions represent some of the key factors driving the market.

Artificial insemination is a process of fertilization that involves the placement of sperm directly into the female reproductive system through medical procedures. It typically involves the use of either fresh or frozen sperm and can be done in a variety of ways, including intracervical, intrauterine, or intravaginal methods. The components of artificial insemination include semen collection, semen processing, and semen placement. Artificial insemination offers increased chances of conception, reduced risk of sexually transmitted infections (STIs), and the ability to use donor sperm in cases of male infertility. Additionally, as compared to in vitro fertilization (IVF), artificial insemination is minimally invasive (MI) and cost-effective. Currently, there are two primary types of the procedure, including homologous and heterologous. Homologous insemination involves using the male partner's sperm to fertilize the female partner's egg. Artificial Insemination Market Trends:

The increasing infertility rates and the need for assisted reproductive technologies (ART) are some of the key factors boosting the market growth. The rapid lifestyle changes and escalating prevalence of medical conditions, such as polycystic ovary syndrome (PCOS) and endometriosis, have surged the demand for artificial insemination procedures, further accelerating the market growth. This is further supported by the growing acceptance and accessibility of artificial insemination in emerging economies. Moreover, various technological advancements, such as the



development of improved techniques for sperm and egg selection, cryopreservation, and pre-implantation genetic testing, are propelling the market growth. Besides this, the availability of donor sperm and donor eggs, the rising popularity of same-sex marriage and LGBT parenting, and the improving healthcare infrastructure are factors expected to drive the market growth. Furthermore, the presence of favorable regulations, the growing awareness and education campaigns about infertility and artificial insemination, and the escalating demand for personalized and customized artificial insemination procedures are fueling the market growth. Other factors, such as the increasing number of clinics and healthcare facilities offering artificial insemination services, the availability of insurance coverage for the procedure, and the surging trend of delaying childbirth and pursuing career goals, are positively supporting the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global artificial insemination market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, source type and end use.

Type Insights:

Intrauterine

Intracervical

Intravaginal

Intratubal

The report has provided a detailed breakup and analysis of the global artificial insemination market based on the type. This includes intrauterine, intracervical, intravaginal, and intratubal. According to the report, the intrauterine segment dominates the market.

Source Type Insights:

AIH-Husband

AID-Donor

The report has provided a detailed breakup and analysis of the global artificial insemination market based on the source type. This includes AIH-husband and AID-donor.

End Use Insights:

Hospitals and Clinics

Fertility Centers

Others

The report has provided a detailed breakup and analysis of the global artificial insemination market based on the end use. This includes hospitals and clinics, fertility centers, and others. According to the report, the fertility centers segment spearheads



the market. **Regional Insights:** 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

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia and others); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. As per the report, North America dominates the market. Some of the factors accelerating the North America artificial insemination market include the surging awareness regarding the advantages of artificial insemination, the rising consumer per capita expenditure, and burgeoning healthcare expenditure.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global artificial insemination market. Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive



dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided. Some of the companies covered include Conceivex Inc., FUJIFILM Irvine Scientific Inc. (Fujifilm Holdings Corporation), Genea Limited, Genus plc, Hamilton Thorne Inc., Hi-Tech Solutions, Kitazato Corporation, Pride Angel, Rinovum Women's Health LLC, Rocket Medical plc, TenderNeeds Fertility LLC, Vitrolife AB, etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report. Key Questions Answered in This Report

1. How big is the global artificial insemination market?

2. What is the expected growth rate of the global artificial insemination market during 2023-2028?

- 3. What are the key factors driving the global artificial insemination market?
- 4. What has been the impact of COVID-19 on the global artificial insemination market?
- 5. What is the breakup of the global artificial insemination market based on the type?
- 6. What is the breakup of the global artificial insemination market based on the end use?
- 7. What are the key regions in the global artificial insemination market?
- 8. Who are the key players/companies in the global artificial insemination market?



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