

Global Assisted Reproductive Technology Market Report and Forecast 2024-2032

Market Report | 2023-09-12 | 160 pages | EMR Inc.

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Report description:

Global Assisted Reproductive Technology Market Report and Forecast 2024-2032

Global Assisted Reproductive Technology Outlook

The global assisted reproductive technology market size was valued at USD 14.8 billion in 2023, driven by the increasing infertility issues across the globe. The market size is anticipated to grow at a CAGR of 4.4% during the forecast period of 2024-2032 to achieve a value of USD 21.8 billion by 2032.

Assisted Reproductive Technology: Introduction

Assisted Reproductive Technology (ART) encompasses medical procedures that aid in achieving pregnancy when natural conception is challenging. Techniques include in vitro fertilization (IVF), where an egg is fertilized outside the body, and intracytoplasmic sperm injection (ICSI), where a single sperm is injected into an egg. ART assists couples facing fertility issues, allowing for conception and pregnancy by overcoming barriers such as infertility, genetic disorders, or reproductive challenges.

Key Trends in the Global Assisted Reproductive Technology Market

The global Assisted Reproductive Technology (ART) market has witnessed dynamic trends reshaping the landscape of fertility treatments. Technological strides have led to continuous refinements in ART techniques, such as enhanced embryo culture and advanced genetic screening.

A notable shift in societal attitudes is evident, with increased acceptance of third-party reproduction methods, including egg and sperm donation, surrogacy, and gestational carriers. The rising age of first-time parents has propelled a surge in couples seeking ART solutions to address age-related fertility challenges. Globalization of ART services is on the rise, with individuals seeking treatments in countries offering advanced technologies or more favourable regulations.

There is a growing emphasis on addressing male infertility, leading to advancements in diagnostics and treatments for male reproductive health. Increasing regulatory oversight reflects a commitment to maintaining ethical standards and patient safety. Some regions have witnessed expanded insurance coverage for fertility treatments, contributing to greater accessibility.

The integration of artificial intelligence in fertility clinics is revolutionizing data analysis, predictive modelling, and treatment optimization. Education and awareness initiatives have played a crucial role in informing the public about fertility preservation options and the availability of ART services.

The impact of the COVID-19 pandemic has been noteworthy, causing temporary disruptions in fertility clinic operations and

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treatment plans, followed by a resurgence in demand. These multifaceted trends collectively underscore the evolving landscape of ART, emphasizing innovation, accessibility, and a broader understanding of reproductive health. For the latest insights in 2023, consulting recent industry reports and market analyses is advised.

Global Assisted Reproductive Technology Market Segmentation

Market Breakup by Procedure

- Fresh Donor
- Fresh Nondonor
- Frozen Donor
- Frozen Nondonor
- Embryo/Egg Banking

Market Breakup by Age

- Women Younger Than Age 35
- Women Older Than Age 35

Market Breakup by Application

- Artificial Insemination - Intrauterine Insemination (AI-IUI)
- Frozen Embryo Replacement (FER)
- Surrogacy
- Ovulation Induction
- Others

Market Breakup by End User

- Hospitals
- Fertility Clinics
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Global Assisted Reproductive Technology Market Overview

The ART market has seen increased demand due to factors such as delayed parenthood, rising infertility rates, and advancements in reproductive technologies. Procedures like in vitro fertilization (IVF) and intracytoplasmic sperm injection (ICSI) have become more prevalent in addressing fertility challenges.

The United States has led the assisted reproductive technology market share owing to pioneering research and development in reproductive technologies and fertility treatments.

There is a high level of awareness and acceptance of ART procedures among the U.S. population, leading to a robust demand for these services. Moreover, the country's advanced healthcare infrastructure supports the widespread availability and accessibility of ART services. Some insurance plans in the U.S. cover fertility treatments as well, making these services more financially accessible to a larger population.

We can expect the Asia Pacific (APAC) region to grow rapidly in the forecast period. The implementation of awareness campaigns to educate the public about infertility, available treatments, and the success rates of ART procedures are some of the major factors for growth.

There has been regular development and enhancement of healthcare infrastructure to provide state-of-the-art fertility clinics and laboratories equipped with the latest technologies. Implementing measures to make ART more affordable and accessible to a wider demographic, possibly through insurance coverage or government initiatives is also in the works.

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Global Assisted Reproductive Technology Market: Competitor Landscape

The key features of the market report include patent analysis, grants analysis, clinical trials analysis, funding and investment analysis, partnerships, and collaborations analysis by the leading key players. The major companies in the market are as follows:

- [] California Cryobank
- [] Bloom Fertility Centre
- [] Anecova
- [] CooperSurgical
- [] Merck KGaA
- [] Ferring B.V.
- [] FUJIFILM Irvine Scientific
- [] Genea Limited
- [] Nidacon International AB
- [] Celmatix Inc.

We at Expert Market Research always strive to provide you with the latest information. The numbers in the article are only indicative and may be different from the actual report.

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