

# **IVF Time-lapse Imaging Devices Market Size, Share & Trends Analysis Report By End-use (Hospitals & Other Settings, Fertility Clinics), By Region (North America, Europe, Asia Pacific, Latin America, MEA), And Segment Forecasts, 2022 - 2030**

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## **Abstracts**

**This report can be delivered to the clients within 8 Business Days**

### **IVF Time-lapse Imaging Devices Market Growth & Trends**

The global IVF time-lapse imaging devices market size is expected to reach USD 1.8 billion by 2030, based on a new report by Grand View Research, Inc. The market is expected to expand at a CAGR of 23.1% from 2022 to 2030 owing to the rise in infertility cases due to sedentary lifestyles. Infertility is being driven by lifestyle as well as behavioral changes that reflect a rising proportion of working women, advanced maternal and paternal age, reduced marriage rates, and marriage postponement.

The demand for IVF solutions is on the rise due to the increasing number of people facing issues with naturally conceiving. The rising rate of obesity adds substantially to the incidence of infertility, as obese women are more vulnerable to infertility and uterine disorders. According to the WHO, one out of every six couples experiences issues related to infertility. In India, over 3 million people in India actively sought IVF in 2019. During the COVID-19 pandemic, the IVF market was affected as the number of individuals opting for IVF and IUI procedures reduced significantly. The percentage of people undertaking IVF cycles globally fell by 90%.

COVID-19 imposed significant changes including paving the way for the sector's digital adoption. In order to survive and thrive in challenging times, the global IVF market was

pushed to prioritize operational efficiency and telehealth implementation. Moreover, since 2019 the fertility market has been one of the top six most-invested treatment areas. As per Crunchbase website data, the global investments in fertility startups have increased by 89 percent from USD 93 million in 2020 to USD 176 million in 2021.

Artificial intelligence can be used to automate processes that are prone to human-derived subjectivity as well as variability. As clinics encounter rising patient demand, which frequently necessitates more and more advanced techniques, there is a clear need to automate as many procedures as possible in order to ensure the standard treatment quality while optimizing clinic resources. For instance, in April 2021, Life Whisperer announced a notable advancement in using AI to help embryologists rank and choose genetically better and healthier embryos in IVF without invasive procedures. Life Whisperer Genetics, a new AI product, necessitates only camera images of embryos to evaluate their genetic integrity. The AI analyses the physical morphology of the embryo based on the images to ascertain whether the embryo is genetically standard (euploid) and has a complete set of chromosomes.

#### IVF Time-lapse Imaging Devices Market Report Highlights

Based on end-use, the fertility clinics segment held 77.6% in terms of revenue in 2021 pertaining to the rising preference by patients due to the convenience of treatments. In addition, growing investments in fertility clinics by private investors are contributing to segment growth

The hospital and other settings segment is likely to witness the fastest CAGR of 24.4% over the forecast period due to the increased R&D and advanced infrastructure in these settings. Infertility treatments are available at a number of multispecialty hospitals

In 2021, Europe dominated the market and accounted for revenue share of 36.5% owing to rising cases of infertility and growing fertility-related tourism in the region. Moreover, the latest legislative changes in other European countries. For instance, France's lower house of parliament passed a law that grants single women full rights to opt for medically assisted reproduction. This new law is expected to expand access to fertility treatments like artificial insemination and IVF, which are currently only accessible to infertile heterosexual individuals. Moreover, Spain is a well-established destination for IVF tourism, due to comparatively low private treatment costs

Asia Pacific is anticipated to witness a significant growth rate of 24.7% over the forecast period from 2022 to 2030 owing to its large growing population, increased awareness regarding IVF treatments, and lower prices

Moreover, with the lifting of China's Family Planning policy, couples now have the liberty to expand their families or have more children. As per China's National Health and Family Planning Commission, after the policy was relaxed, approximately 90 million Chinese women have become eligible to have a second child, increasing the demand for fertility treatments

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