

BUILDING THE NEXT GENERATION OF IVF

AI♥F™

A Breakthrough in Fertility Intelligence

While exciting advancements have improved IVF over the years, it is time to significantly improve the certainty of bringing a baby home. AIVF is the leader in a new generation of AI-powered IVF clinics.

Our proprietary suite of solutions offers a unique set of tools for digitization and automation of the IVF clinic, helping patients on a smoother, quicker and more accessible path to parenthood.

First to market is EMA™ by AIVF, an operating system for IVF clinics developed through rigorous scientific research, tailored exactly to the needs of the embryology lab. EMA provides widespread access to personalized, optimized IVF care.



Key features include:



Streamlined communications for the care team

Integrated communications to securely send messages, share reports and consult with the andrologist, embryologist, patient coordinator or other member of the care team for optimal patient care.



Fully automated embryo evaluation

Accurate and full automated embryo evaluation to instantly assist key clinical decisions.



Data flow from all EMRs

Connects to all electronic medical record (EMR) data delivering insight on critical factors and trends impacting lab performance.



Multiple time-lapse systems simultaneously connected

Seamlessly connects simultaneously to multiple time-lapse incubator vendors and presents patient information on one central screen.



Remote connectivity

Secure, remote connectivity 24/7 from any device.

Smart AI-Powered Assistance at Your Fingertips

The EMA workspace empowers care decisions for the entire IVF care team. Seamless integration with leading time-lapse incubators and EMR systems enables your team to provide personalized patient care.

The outcome-based AI model was developed on a large and diverse database of hundreds of thousands of embryo images and health records in collaboration with leading healthcare institutions across the US, Europe and Asia.

Digital Embryology

EMA's AI embryo evaluation is based on a set of deep-learning-based algorithms that assess embryo quality and developmental competence. The robust AI model is trained on biological markers of the embryo known to influence embryo viability and quality and can identify morphological features that the human eye is not able to see.



High probability for pregnancy

An embryo with a high EMA Score demonstrates a 70% probability for a successful pregnancy¹.

Fast and accurate

EMA is 30 times faster and as high as 38% more accurate than a human embryologist².

Reduce time to pregnancy

Using EMA reduces patient time to pregnancy by 21.5% on average³.

"Data collected at our clinic demonstrates that embryologists can save 96% of their time daily using EMA AI-powered embryo evaluation [6 minutes] compared to manual grading [3 hours]."

Marcos Meseguer PhD, Scientific Supervisor and Senior Embryologist, IVIRMA Valencia.



¹ Presented by Marcos Meseguer, IVIRMA, Malaga 2023 ²IVIRMA-AIVF validated studies. Data on file³ AIVF – Data on file



**SCIENCE
MADE
WITH** 

Powerful Data Mining in a Click

Maintaining spreadsheets to run analysis of success rates at your clinic is complex and time consuming. That is about to change with EMA Analytics. EMA features a powerful, yet simple to use

data mining tool to measure and monitor key performance indicators (KPIs) of the clinic in a single click. Analyze fertilization, blastulation and implantation rates stratified by different parameters that you choose.

"EMA AI technology has increased our pregnancy rates per frozen transfer by up to 30%, thereby creating a high probability of success."

Dr. David Walsh, Director at First IVF, Ireland.

A seamless connection with your electronic medical record (EMR) data automates performance analysis of the embryology lab with the following benefits:



Saves time, freeing you from manual calculations on endless Excel sheets.



A QA/RA monitoring system allows individual performance to be compared to the clinic's standard performance and/or guidelines.



Track procedures and identify trends to respond in real-time if necessary.



Delivering Real Value for Your Clinic

When adopting new technology into your clinic, consider the benefits of partnering with AIVF:

1. Leading-edge AI can be a competitive advantage for your clinic to engage with patients.
2. Unleash the potential of your existing time lapse [TL] systems or step up to our integrated solution.
3. Join the exclusive group of clinics leading the digital transformation of IVF.

About Us

AIVF is a reproductive technology company driving the next generation of IVF. The company's proprietary suite of digital solutions harnesses data to empower the fertility care team and their patients with knowledge and transparency. The core technology is evidence-based and driven by real-world clinical use to help patients on a smoother, quicker and more accessible path to parenthood.

Intended use: EMA is intended to assist embryologists to evaluate the embryo's quality as well as the clinical pregnancy success rates for the embryo as part of the IVF treatment protocol for the patient.

CE Mark | Approved for sale in the EU and the UK | ISO 13485, ISO27001 and ISO 27799 compliant | HIPAA compliant | GDPR compliant.

CAUTION - An AI component of EMA, is considered in the U.S. an investigational device. Limited by Federal [or United States] law to investigational use.

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