



# ERA®

## Endometrial Receptivity Analysis

Igenomix®  
WITH SCIENCE ON YOUR SIDE

### Personalized embryo transfer guided by the ERA test improves reproductive results in all patients starting ART, according to a randomized multi-centre study

- 3 out of 10 patients have a displaced window of implantation
- Performing the ERA test in a patient's first IVF cycle significantly improves their chances of having a baby without losing valuable embryos
- The cumulative rate shows 71% of women using ERA gave birth within one year, up from 55% without ERA

This study, developed by Igenomix, published in the scientific journal Reproductive BioMedicine Online and titled 'A 5-year Multicenter Randomized Controlled Trial of In Vitro Fertilization with Personalized Blastocyst Transfer versus Frozen or Fresh Transfer' concludes that **Personalised Embryo transfer**, guided by the ERA test which determines when the endometrium is receptive, **increases the probability of having a child in the first IVF cycle**, increasing from 42.4% through the standard transfer of frozen embryos to 56.2%, and after one year from 55% to 71%.

This prospective, randomized, international multi-centre clinical trial involving **16 clinics in 7 countries**, consisted of evaluating **569 women** with fertility problems during their first consultation at an AR centre, to assess whether a Personalised Embryo Transfer guided by the **ERA test increased the chance of live birth in infertile patients** compared to standard transfers of frozen or fresh embryos. For most patients, standard transfers are performed, with no knowledge of their personalized optimal implantation time.

#### Per Protocol Analysis

**Cumulative Live Birth rate**  
increased **15.8pp** versus FET  
and **22.3pp** versus ET

**Live Birth rate**  
increased **13.8pp** versus  
FET and **10.5pp** versus  
ET that was non  
statistically significant

**Implantation rate**  
increased **14.1pp** versus  
FET and **18.7pp** versus ET

**Pregnancy rate**  
increased **18.2pp**  
versus FET

**Cumulative pregnancy rate**  
increased **14.1pp** versus  
FET and **18.7pp** versus ET

[Read more](#)

Reproductive Biomedicine Online

### A 5-year Multicenter Randomized Controlled Trial of In Vitro Fertilization with Personalized Blastocyst Transfer versus Frozen or Fresh Transfer

(Simón C, Gómez C, Cabanillas S, Vladimirov IK, Castillón G, Giles J, Boynukalin FK, Findikli N, Bahçeci M, Ortega I, Vidal C, Funabiki M, Izquierdo A, López L, Portela S, Frantz N, Kulmann, Taguchi S, Labarta E, Colucci F, Mackens S, Santamaría X, Muñoz E, Barrera S, García-Velasco JA, Fernández-Sánchez M, Ferrando M, Ruiz M, Mol BW, Valbuena D, on behalf of the ERA RCT consortium)

[Want to know more?](#)

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#### OPENING THE BLACK BOX: DECIPHERING THE MOLECULAR NATURE OF ENDOMETRIAL RECEPTIVITY

June 25th, 2020 | 12 PM EDT

Scientific Webinar

- Professor Ob/Gyn, University of Valencia, Spain.
- Senior Lecturer, Ob/Gyn Department BIDMC, Harvard University, USA.
- Adjunct Clinical Professor Ob/Gyn Department, Baylor College, USA.
- Head of Scientific Advisory Board, Igenomix.



Carlos Simón, MD, PhD  
Head of Scientific Advisory  
Board at Igenomix Foundation

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