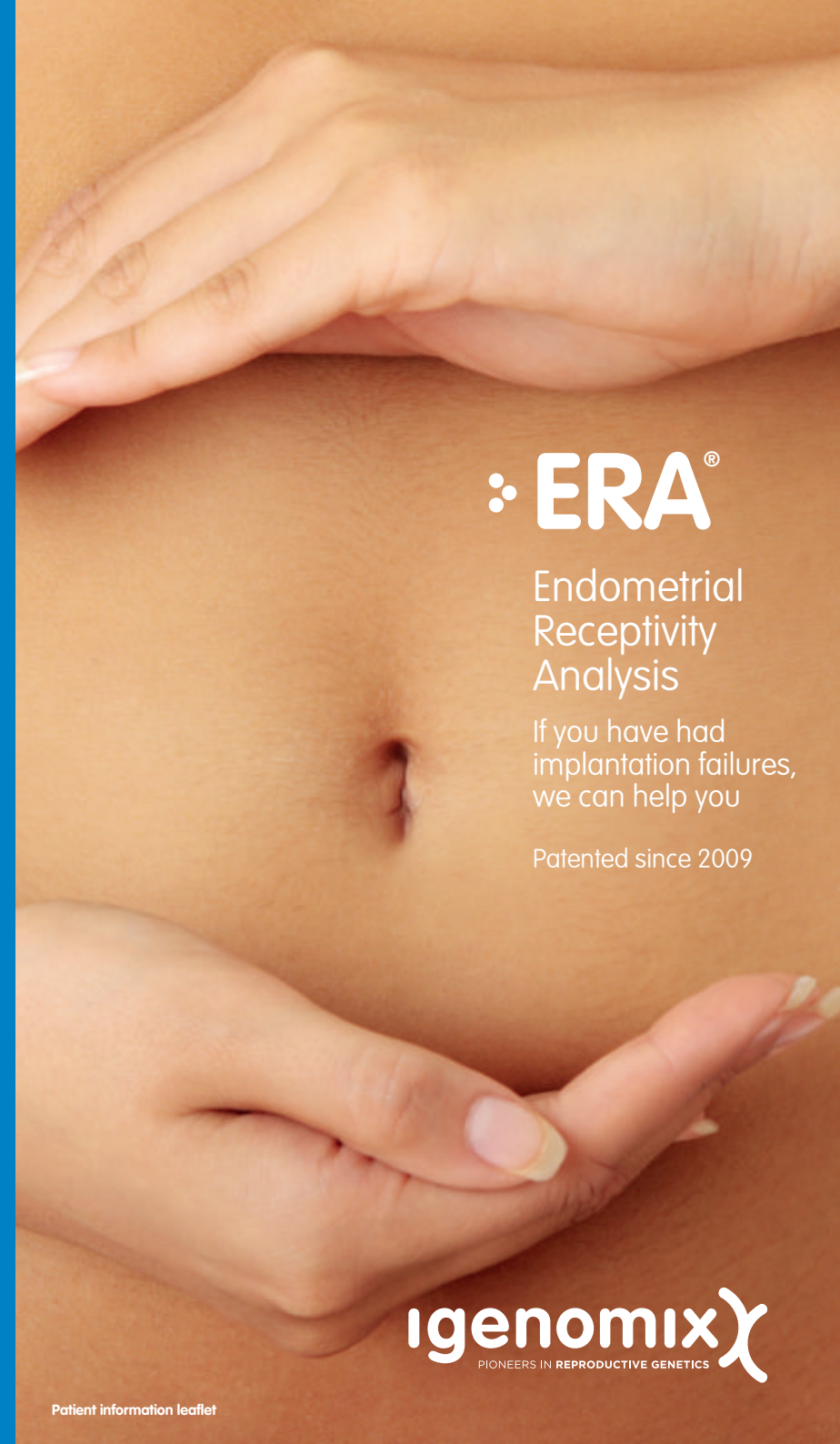


Problems with the endometrial lining are one of the leading causes of infertility in women



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ERA[®]

Endometrial
Receptivity
Analysis

If you have had
implantation failures,
we can help you

Patented since 2009

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❖ What is the endometrium?

Problems with the endometrial lining are one of the leading causes of infertility in women. The interior of the uterus is lined with a tissue called endometrium, which is prepared each month for the arrival of an embryo and is the place where the embryo implants and resides during gestation. When this does not occur, menstruation begins shedding the endometrial lining.

❖ Endometrial receptivity

Sometimes embryo implantation in the endometrium does not develop successfully. This failure can occur for different reasons. A particularly important factor is endometrial receptivity. The endometrium is receptive when it is ready for embryo implantation to occur. This period of receptivity is called the **window of implantation**.



❖ What is the ERA?

ERA is the first test developed to evaluate endometrial receptivity with published clinical efficiency



ERA is a diagnostic method developed and patented by IGENOMIX R&D department since 2009, after more than 10 years of research. This technique allows us to evaluate the endometrial receptivity status of a woman.

This biopsy is quickly and easily taken by gynaecologists in their consultation room.

In our laboratory, the sequencing expression of 236 genes involved in the endometrial receptivity is analyzed. **An in-house designed computational predictor analyzes the data obtained, classifying the endometrium as Receptive or Non-Receptive.**

If receptive, the window of implantation (WOI) is defined as the day on which the biopsy was taken, meaning **the embryo is capable of implantation in the uterus during this period of time.**

A state of non receptivity means that the window of implantation is displaced.

The process may be repeated, according the recommendation given in the first non receptive result to validate your optimal WOI. Transferring an embryo at the optimal time maximizes your chances of achieving a pregnancy.



❖ What are the advantages?

ERA links to a major improvement of the global pregnancy rate, up to 85%* in those personalized transfers made according to the test results.

85%*
PREGNANCY
RATE

❖ How can I access ERA?

Ask your gynaecologist for further information and to assess your case.

If you have any questions, contact us at:
www.igenomix.com/era-form

IGENOMIX Publications:

***SREI Prize Paper 2016.** 0-115 Simón et al. on behalf of the ERA RCT Consortium.
Díaz-Gimeno P. et al. - Fertil Steril 2011; 95(1): 50 - 60.
Díaz-Gimeno P. et al. - Fertil Steril 2013; 99 (2): 508 - 17.
Ruiz-Alonso M. et al. - Fertil Steril 2013; 100(3): 818 - 24.
Ruiz-Alonso M. et al. - Hum Reprod. 2014; 29(6): 1244 - 7.
Comstock IA. et al. - Fertil Steril 2016; 0282(16): 63007 - 8.