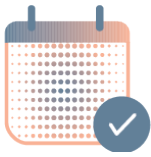


For patients who suffer from repeated implantation failure and recurrent miscarriage

The relationship between infertility and the window of implantation



ERA[®]
Endometrial Receptivity Analysis

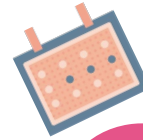
The endometrium has an optimal time for the implantation of the embryo: the window of implantation. When the embryo transfer is done outside of this window, implantation failure can occur, even in the case of healthy embryos.



What kind of test is the ERA test?

The window of implantation can vary in length and timing from individual to individual; for example, some patients may present a window that is shorter than usual, while others can have their windows starting earlier during the menstrual cycle.

By undergoing the ERA test, you can find out the length and timing of your own window of implantation. Approximately 50% of women who do the ERA test adjust their embryo transfers according to their individual windows.



Window of Implantation



Benefits of the ERA test

- Identification of the individual window of implantation of each patient in order to establish an optimal embryo transfer time
 - Improvement of the pregnancy rate by approximately 25%*, per embryo transfer
 - Analysis of the endometrial gene expression pattern with cutting-edge technology
- * 2016 ASRM Distinguished Researcher Award

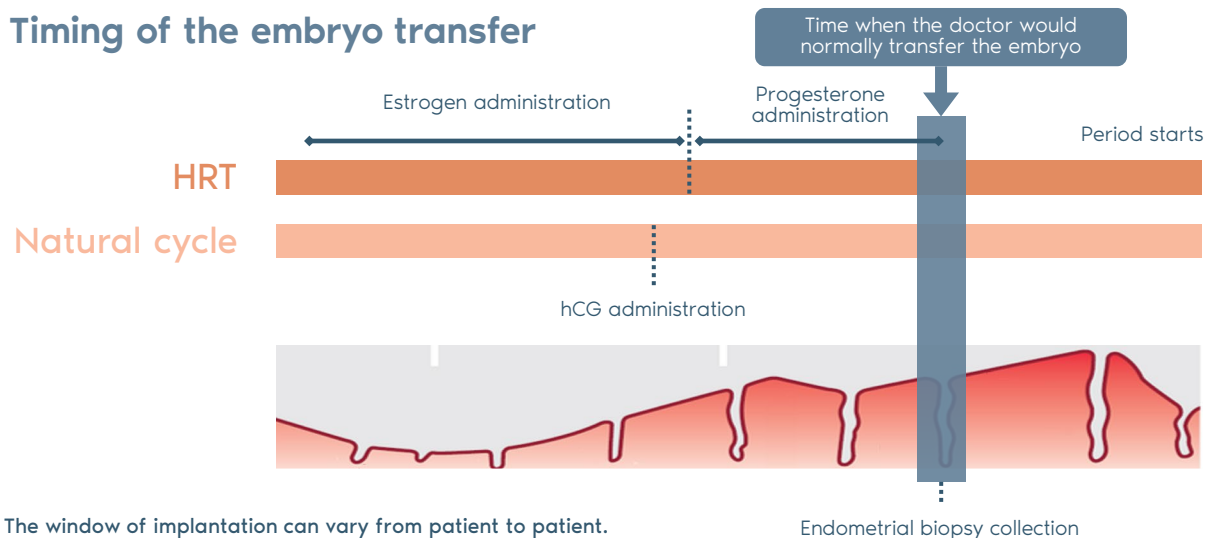


How to perform the ERA test?

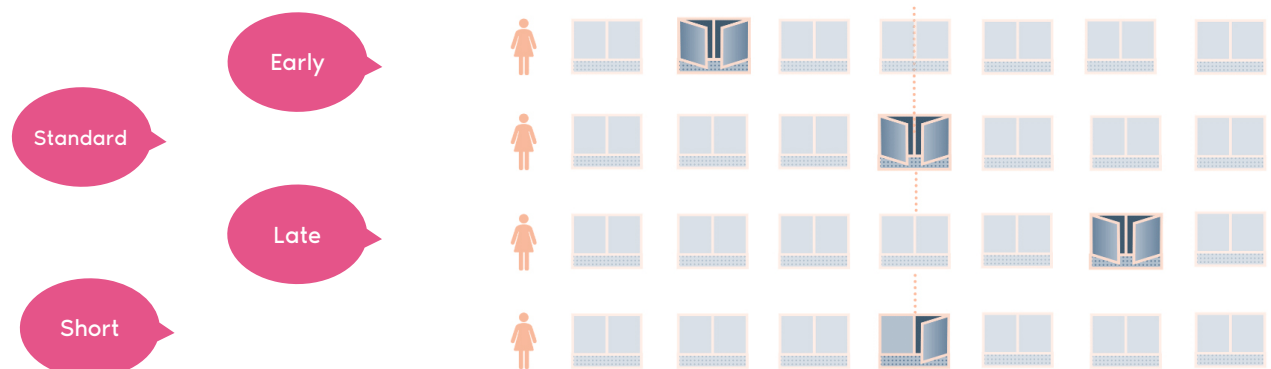
A small amount of endometrial tissue is collected at the time when the doctor intends to do the embryo transfer. Based on the gene expression pattern of the collected tissue sample, ERA identifies when the endometrium of the patient will be in a receptive state for the embryo.



Timing of the embryo transfer



The window of implantation can vary from patient to patient. Your window can be:





ERA test results

You can find out if the genetic expression of your endometrium indicates a standard or a displaced window of implantation at the time of the biopsy. Even if your window of implantation falls under the standard timing and length, the ERA test will further identify the exact time for embryo transfer, meaning it will inform you of the exact hour when your doctor should perform the transfer, so it has increased chances of success. Through ERA, the embryo transfer can be performed at the optimal time after adjusting the transfer time or the start date of progesterone intake according to the time recommended in the test results.

The six possible ERA results and their embryo transfer timelines

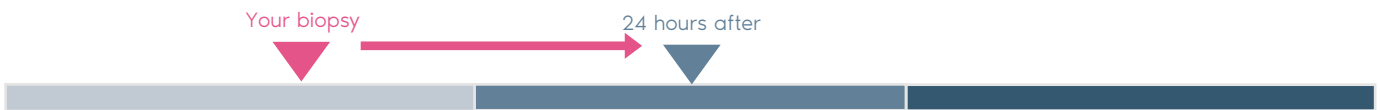
*transfer timelines that are different from the ones listed below may also be possible, please consult your doctor for more details.



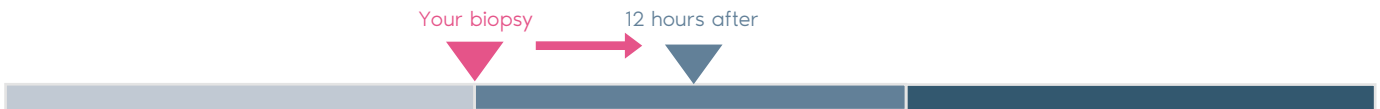
① Pre-Receptive 2 days . . . Retesting is recommended



② Pre-Receptive 1 day . . . Embryo transfer done 24 hours after the biopsy time is recommended



③ Early-Receptive . . . Embryo transfer done 12 hours after the biopsy time is recommended



④ Receptive



⑤ Late Receptive . . . Embryo transfer done 12 hours before the biopsy time is recommended



⑥ Post-Receptive . . . Retesting is recommended

