

1. Background

Challenge

Fertility outcomes for advanced-age patients are often suboptimal due to endometrial aging and recurrent implantation failure (RIF).



Objective

Improve ART outcomes with personalized embryo transfer (pET) according to endometrial receptivity analysis (ERA) in advanced-age RIF patients, by utilizing donor oocytes and preimplantation genetic testing for aneuploidy (PGT-A) for embryo testing.

2. Study Overview

2020

Participants
320
patients
with RIF

A randomised, controlled observational follow-up study between 2020–2023

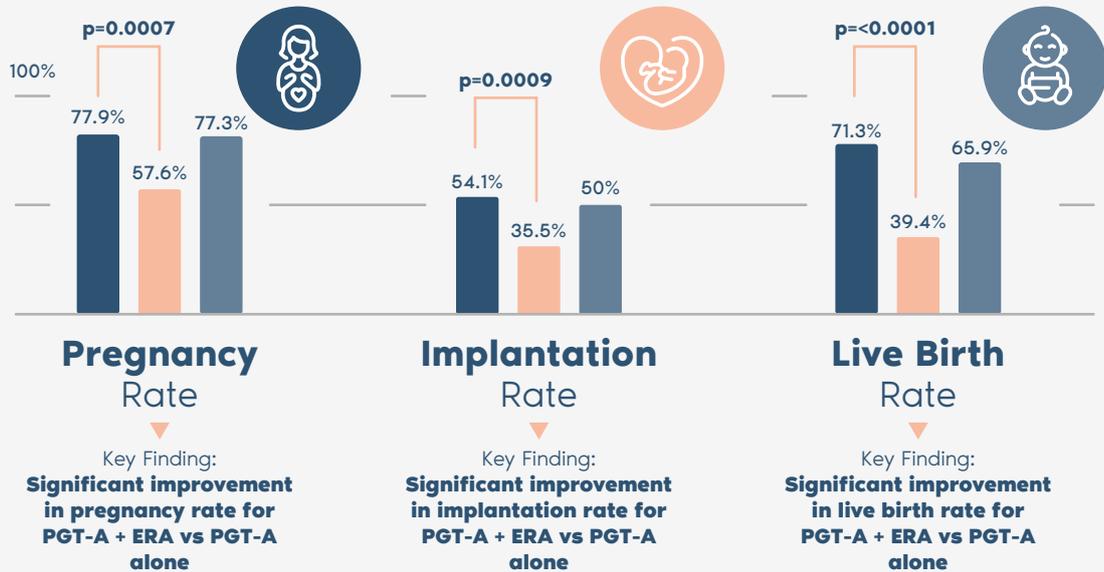
Groups

Study Group	Control Group 1	Control Group 2
35-45 years PGT-A + ERA	35-45 years PGT-A only	<35 years PGT-A + ERA

2023

3. Key Results

Study Group
Control Group 1
Control Group 2



4. Conclusions

- pET guided by ERA significantly improves pregnancy, implantation, and live birth rates in advanced-age patients with challenging reproductive histories.
- No significant difference between advanced-age patients (study group) and younger patients (control group 2) when using pET guided by ERA.



ERA is the only endometrial receptivity test backed by a RCT study.