

## The Ovation™ Advantage

### INNOVATORS

Our team of groundbreaking physicians, scientists, genetic counselors and thought leaders are devoted to improving success rates for patients seeking fertility treatment, at every step along the way.

### COLLABORATORS

We support your physicians with best practices developed through global collaboration.

### MISSION-DRIVEN

We are driven to decrease the cost of a live birth by building healthy families one baby at a time, providing a faster, safer and more efficient path to parenthood.

**The Next Generation of Family-Building ... Today**



## PGT-A

Discover the Power of Preimplantation Genetic Testing for Aneuploidy



Questions? Please contact us:  
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[www.OvationFertility.com](http://www.OvationFertility.com)



## WHAT IS PREIMPLANTATION GENETIC TESTING?

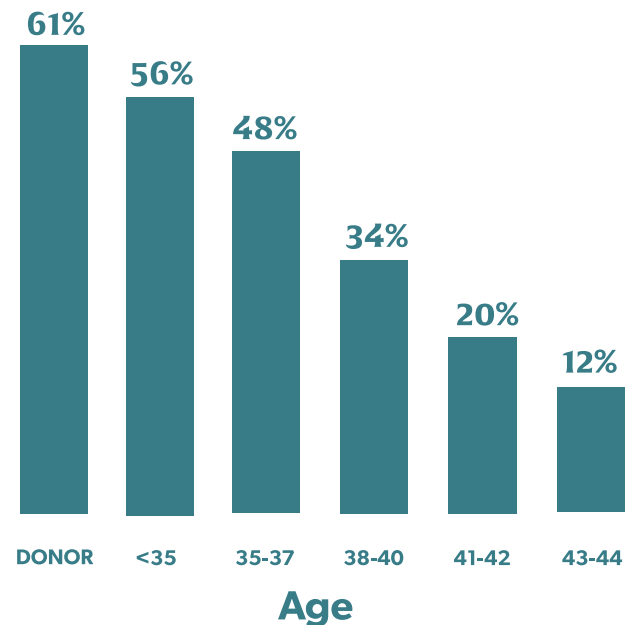
Achieving a healthy birth depends greatly on proper embryo selection. Preimplantation genetic testing for aneuploidy (PGT-A), also known as preimplantation genetic screening (PGS), is a genetic test that has been proven to increase IVF success rates by identifying the number of chromosomes in an embryo. Embryos that contain the correct number of chromosomes, called *euploid*, are most likely to result in a successful pregnancy. Embryos with an abnormal number of chromosomes, called *aneuploid*, are less likely to result in a healthy pregnancy and live birth.

## WHO BENEFITS FROM PGT-A?

PGT-A is beneficial for all patients undergoing IVF. Adding PGT-A to your IVF cycle allows for the selection of a normal embryo to transfer, and improves your chance of a healthy live birth.

Without genetic testing, it is nearly impossible to differentiate between chromosomally normal and abnormal embryos. Embryo selection based solely on visual development and subjective quality grading can result in the transfer of abnormal embryos. PGT-A allows your fertility specialist to select and transfer an embryo that has the best chance of resulting in a healthy baby.

### Percentage of Normal (Euploid) Embryos Decreases with Maternal Age



\*Ovation Genetics internal data

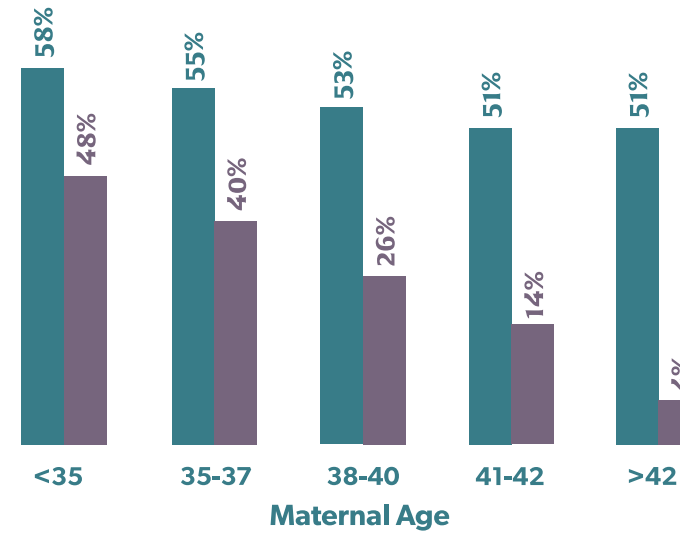
PGT can also identify chromosomal structural rearrangements (PGT-SR) in embryos, including segmental aneuploidies, inversions, and unbalanced translocations, which increase the chance of failed implantation, miscarriage or the birth of a baby with a genetic condition.

### PGT-A IS AN EXCELLENT OPTION FOR PEOPLE WHO:

- ⌘ Want to maximize their chance for pregnancy on their first transfer
- ⌘ Have male factor infertility
- ⌘ Have a history of failed IVF cycles
- ⌘ Desire to pursue family balancing or sex-selection
- ⌘ Are carriers of a balanced translocation, inversion or chromosome rearrangement

## PGT-A PROVIDES PATIENTS THE GREATEST CHANCE OF HAVING A SUCCESSFUL PREGNANCY

### Live Birth Rate per Embryo Transfer



■ IVF without PGT-A  
■ IVF with PGT-A

\* SART.org data (2016) Ovation Genetics results have been reported higher

### PGT-A ADVANTAGES

- ⌘ Improves pregnancy rates per eSET
- ⌘ Reduces the risk of miscarriage
- ⌘ Shortens the time to pregnancy
- ⌘ Reduces the need to store abnormal embryos
- ⌘ Reduces the chance of a baby with a genetic condition
- ⌘ Improves the chance of pregnancy with single embryo transfers (eSET)

### PGT-A PROCESS:

- 1 **IVF** – Your eggs are retrieved and fertilized at your IVF laboratory.
- 2 **EMBRYO BIOPSY** – A skilled embryologist removes four to seven cells at the trophectoderm stage of embryo development to be sent for testing, while your embryos stay safe at your fertility center.
- 3 **PGT** – Our team of scientific experts perform high-resolution next generation sequencing (NGS) to screen the number of chromosomes in each embryo.
- 4 **RESULTS** – Once testing is complete, a detailed report is sent to your doctor identifying each embryo's chromosomal composition, which helps in the selection of the embryo that is most likely to result in a healthy live-birth.