



Preimplantation
Genetic
Screening

Helping you have a
successful pregnancy
and a healthy baby



igenomix χ
PIONEERS IN REPRODUCTIVE GENETICS



**PGS
increases
the
chance of
pregnancy**

❖ What is PGS?

PGS is a genetic test performed on the embryos produced through IVF.



It examines the chromosomal material of an embryo and can tell if the appropriate number of chromosomes are present.

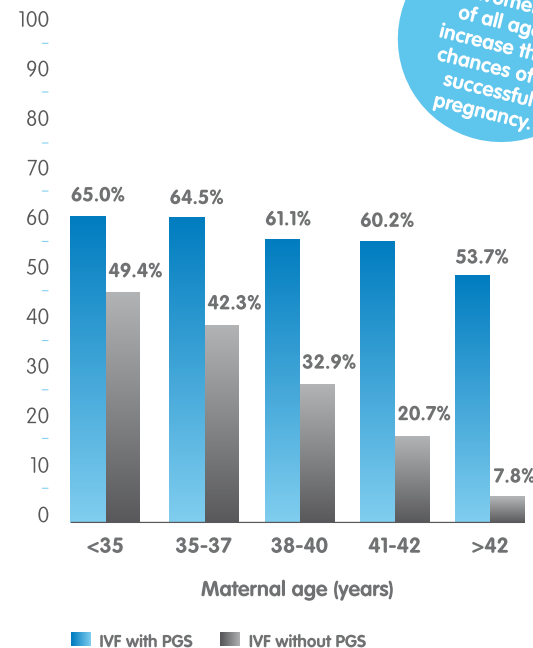
This will help your physician select the best embryo for transfer and improve your chances of achieving a successful pregnancy.



❖ Benefits of PGS

- Increases the chance of pregnancy.
- Decreases miscarriage rates.
- 👤 Increases the chance that a healthy baby is born.
- 🔄 Reduces the number of IVF cycles needed to achieve pregnancy, potentially reducing the time and costs of extra cycles.
- 👶 Enables confident single embryo transfer, avoiding health complications associated with twin or triplet pregnancies.

Ongoing pregnancy rate per blastocyst transfer.



*Internal IGENOMIX data based on outcomes and 2015 SART data

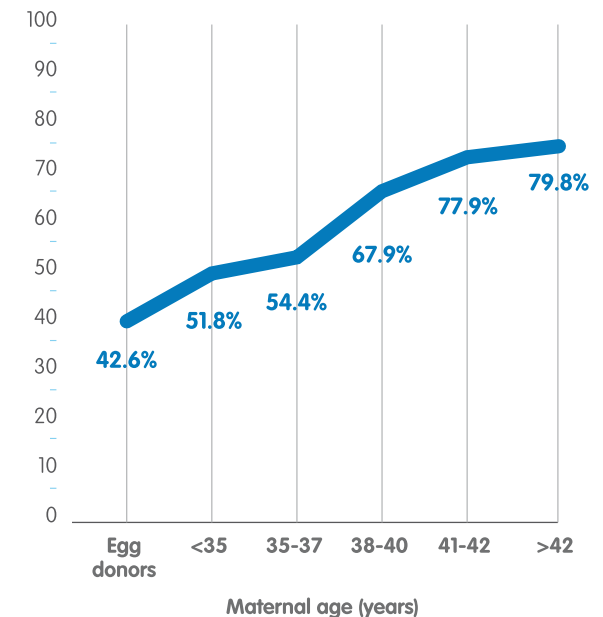
❖ How does it work?

Embryos with the correct number of chromosomes are called **euploid**.

Embryos with extra or missing chromosomes or pieces of chromosomes are called **aneuploid**.

- ✗ **Aneuploid embryos** are significantly more likely to fail to implant, result in miscarriage, or lead to the birth of a child with a genetic disease.
- ✓ **Euploid embryos** are much more likely to lead to a healthy pregnancy.

Incidence of aneuploid blastocysts according to maternal age.



*Internal IGENOMIX data (N= 60,000 embryos)

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