



Sharing Healthy Genes

# Preimplantation Genetic Testing

There are 3 types of preimplantation genetic testing (PGT).  
All require in vitro fertilization (IVF).

## PGT-A aneuploidy

formerly known as PGS or CCS  
screens for the presence of all  
46 chromosomes

## PGT-M monogenic

formerly known as PGD  
for single gene disorders

EXAMPLES: cystic fibrosis,  
BRCA, Huntington's disease

## PGT-SR structural rearrangements

formerly known as PGD  
for chromosome rearrangements

EXAMPLES: chromosome  
translocations, inversions



**SEE OUR BLOG POST**  
explaining the terminology in more detail



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# *Preimplantation Genetic Testing*

## **PGT-A** aneuploidy

screens for the presence of all  
46 chromosomes to  
identify embryos most likely to  
implant and result in a healthy  
pregnancy

FORMERLY KNOWN AS  
PGS (PREIMPLANTATION GENETIC SCREENING) OR  
CCS (COMPREHENSIVE CHROMOSOME SCREENING)



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# *Preimplantation Genetic Testing*

## PGT-M monogenic

For patients who are at risk of passing on a known inherited genetic condition like cystic fibrosis, BRCA & Huntington's disease

FORMERLY KNOWN AS PGD  
(PREIMPLANTATION GENETIC DIAGNOSIS)  
FOR SINGLE GENE DISORDERS



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# *Preimplantation Genetic Testing*

## PGT-SR

structural  
rearrangements

for patients who carry a known  
chromosome rearrangement and  
are at risk of passing this on

FORMERLY KNOWN AS PGD  
FOR CHROMOSOME REARRANGEMENTS