

# PGS by CGH array

## Prenatal Genetic Screening



This technique aims to select the embryos chromosomally

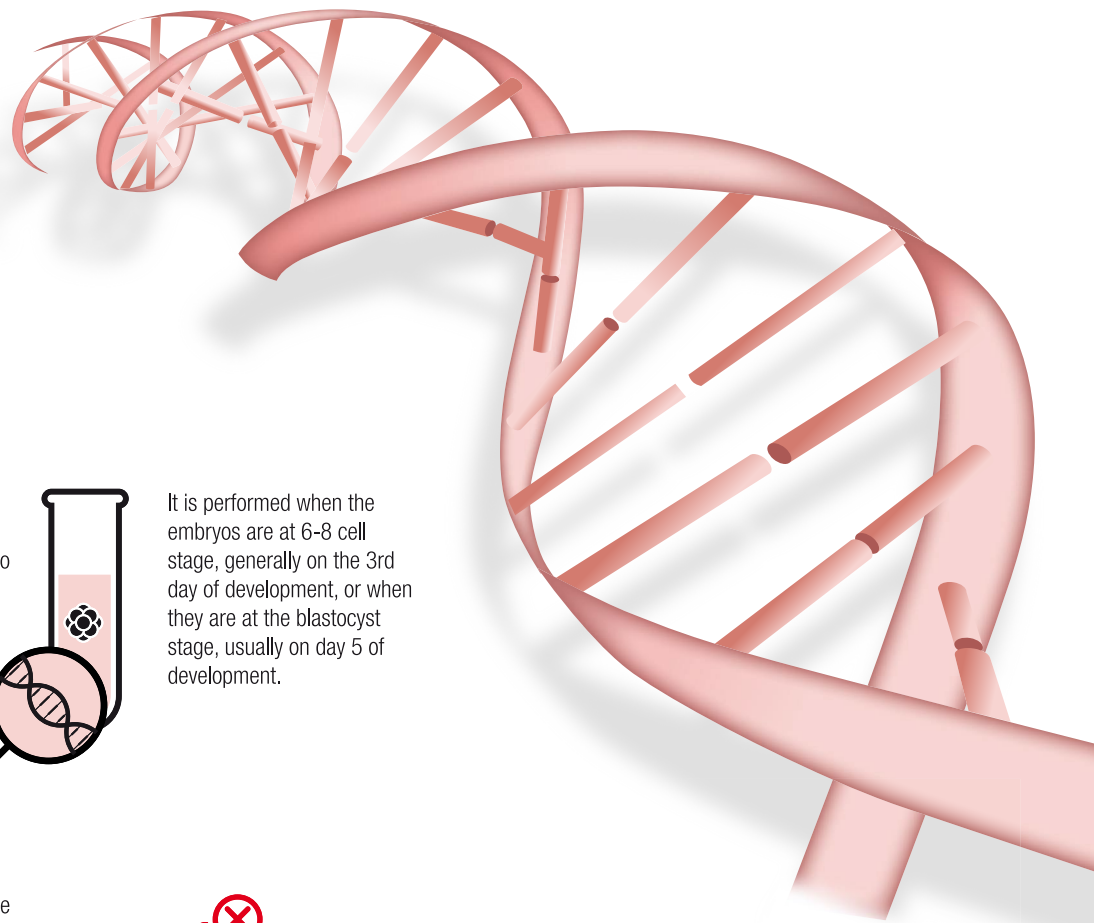


It is done as part of IVF programmes. Your doctor will tell you whether it could be helpful in your case

CAN BE PERFORMED EITHER ON THE EGGS OR ON THE EMBRYOS, THE LATTER DELIVERING THE BEST RESULTS



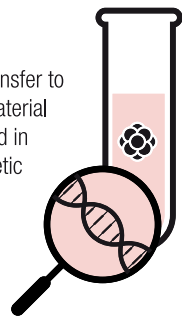
Chromosomal alterations affect either the number or the structure of chromosomes. This technique allows their detection as well as the detection of other alterations, such as, Turner and Down syndromes.



**A**

### Genetic study

After performing in vitro fertilization and before transfer to the uterus, the genetic material of the embryo is examined in order to detect likely genetic alterations.

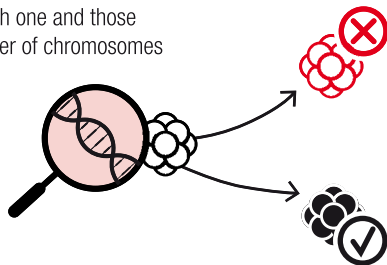


It is performed when the embryos are at 6-8 cell stage, generally on the 3rd day of development, or when they are at the blastocyst stage, usually on day 5 of development.

**B**

### Embryo biopsy

A biopsy is done on each one and those with an abnormal number of chromosomes are discarded.



**C**

### Embryo transfer

From 1 to 3 healthy embryos are transferred.



The embryos that are not transferred can be frozen.