Preimplantation Genetic Diagnosis (PGD)/Preimplantation Genetic Screening (PGS)

Depending on your age, infertility diagnosis, and family history of genetic diseases, Preimplantation Genetic Diagnosis (PGD) and Preimplantation Genetic Screening (PGS) might be important considerations for the success of your fertility treatment. Here are some basic facts about PGD and PGS to help you decide if these tests are right for you.

1. How are PGD and PGS similar and how are they different?
PGD and PGS both consist of a biopsy of an embryo during in vitro fertilization (IVF). PGD refers to genetic screening of an embryo for a specific genetic disease, or gene mutation, such as Cystic Fibrosis. PGS refers to a screening of chromosomes which specifically examines the embryo for aneuploidy, an abnormal number of chromosomes as seen in Trisomy 21 which causes Down Syndrome.

2. How do PGD/PGS improve chances of pregnancy?
PGD and PGS provide feedback to the embryologist and fertility doctor on the viability of your embryos. The embryologist can then select the embryo(s) most likely to develop into a healthy pregnancy (not miscarry). Approximately 60% of miscarriages are the result of chromosomal abnormality. Other factors, including uterine receptivity, have been scientifically proven to affect the rate of embryo implantation. Ask your fertility doctor about a delayed embryo transfer with PGD/PGS for optimizing pregnancy success rates. Embryos can be frozen, with very little risk, before or after PGD/PGS with a technique called vitrification and transferred when uterine receptivity is at its prime.

3. How accurate is PGD /PGS?
PGD /PGS are 99% accurate.

4. Who should elect to do PGD /PGS?
Women with a history of recurrent miscarriage, those who respond poorly to IVF stimulation protocols thereby producing very few eggs/embryos, and couples with a history of genetic disease might consider PGD/PGS.

5. How much does PGD/PGS cost?
The cost of PGS/PGD ranges from $2,500 to $7,000 and is not covered by insurance.
You will most likely have to coordinate with your fertility clinic to arrange for your IVF cycle to include PGD/PGS. This should be done before beginning your IVF cycle. Your fertility clinic may require you to sign consent forms and arrange payment. You should discuss PGD/PGS with your fertility doctor to decide if these procedures are right for you.

Take the guesswork out of finding the perfect fertility doctor by visiting FertilityAuthority.com or contact us at 888-203-5773