

# Comprehensive Genetic Testing of Embryos

newlife  
IVF

**Newlife IVF offers comprehensive fertility care for individuals and couples needing help to conceive a healthy baby. We pride ourselves in offering you a personalised, caring and supportive experience. We understand people with a family history of a genetic condition or chromosome rearrangement have specific requirements and need to be fully informed about all their reproductive options.**

Pre-implantation Genetic Testing (PGT) is designed to test embryos for the known genetic condition or chromosome rearrangement in your family. IVF treatment is used to create embryos. The embryos are grown in the laboratory for 5-6 days and a biopsy is taken. The biopsy sample is used to test for the genetic condition or chromosome rearrangement in your family. If an embryo is found to be unaffected by the genetic condition or has a balanced chromosome arrangement, it can be transferred into the uterus in the hope of establishing an unaffected pregnancy.

## There are different reasons PGT is performed:

**PGT-M** is a genetic test for your embryo that is designed to reduce the risk of having a child with a known genetic condition. It is suitable for individuals or couples at increased risk of passing a known monogenetic (single gene) condition onto their offspring. A PGT-M test can be designed for almost any inherited single gene condition. It is designed uniquely for each family using DNA samples from the prospective parent/s and other key family members. This process of PGT-M test development is often referred to as feasibility studies.

**PGT-SR** is a genetic test for your embryo that is designed to reduce the risk of having a child with a chromosome imbalance. It is suitable for individuals or couples who carry a structural chromosome rearrangement such as a Robertsonian translocation, reciprocal translocation or inversion.

**PGT-A** is a genetic test for your embryo that is designed to screen for chromosome aneuploidy and is suitable for most patients undergoing IVF, in particular women of advanced maternal age. At Newlife IVF, PGT-A is included for all patients having PGT-M or PGT-SR, on their unaffected embryos.

## Stronger together

We have chosen to partner with Cooper Surgical for our genetic testing. Cooper Surgical are world leaders in genetic analysis of embryos and have performed more PGT-M and PGT-SR tests than all other providers combined. This level of experience and expertise allows us to confidently accept even the most complex cases that may not be accepted by other services.

## Make an appointment to explore your reproductive options

Ask your doctor or genetics provider for a referral for you and your partner to our Clinical Geneticist, **Dr Anand Vasudevan**. The referral can be emailed to [genetics@newlifeivf.com.au](mailto:genetics@newlifeivf.com.au) requesting an appointment with Dr Vasudevan. You will be contacted by a member of our Genetics Team to schedule an obligation free, bulk-billed appointment.

At this appointment your unique situation will be reviewed. You will receive information regarding the process of IVF to create embryos for testing, and PGT to test your embryos for the genetic condition in your family. At this stage, there is no out of pocket cost to you and no obligation for you to go ahead with IVF and PGT. **The purpose of this appointment is to assist you to make an informed decision about whether this is the right reproductive option for you.**



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If you decide to go ahead with IVF and PGT, you will need to ask your GP for a referral to one of our Fertility Specialists. You can choose a Fertility Specialist by browsing their profiles on our website [www.newlifeivf.com.au](http://www.newlifeivf.com.au). Once you have had an appointment with one of our Fertility Specialists, they will advise our Genetics Team when you are ready to initiate preparation for PGT.

You will have a review appointment with our Genetic Counsellor to answer any remaining questions you may have, complete consent for PGT, collect DNA samples and initiate feasibility studies (required for PGT-M only) and plan the next steps.

## What are the costs for IVF and PGT?

At Newlife IVF we offer the highest quality service, that is competitively priced.

Treatment cycle	Out-of-pocket costs (once Medicare rebate applied)*
IVF + ICSI (first cycle)	\$5,056.00
IVF + ICSI (subsequent cycle or thereafter)	\$4,375.50
Frozen Embryo Transfer (FET)	\$1,560.70
Pre-implantation Genetic Testing (PGT)	\$780 - 810 per embryo*

\*Fees correct as of 15 February 2024; reduced rates may apply for PGT-M and -SR depending on eligibility (in line with new Medicare rebates effective 1 November 2021), as well as number of embryos tested. For PGT pricing specific to your circumstances, please contact us.

