PGT-M

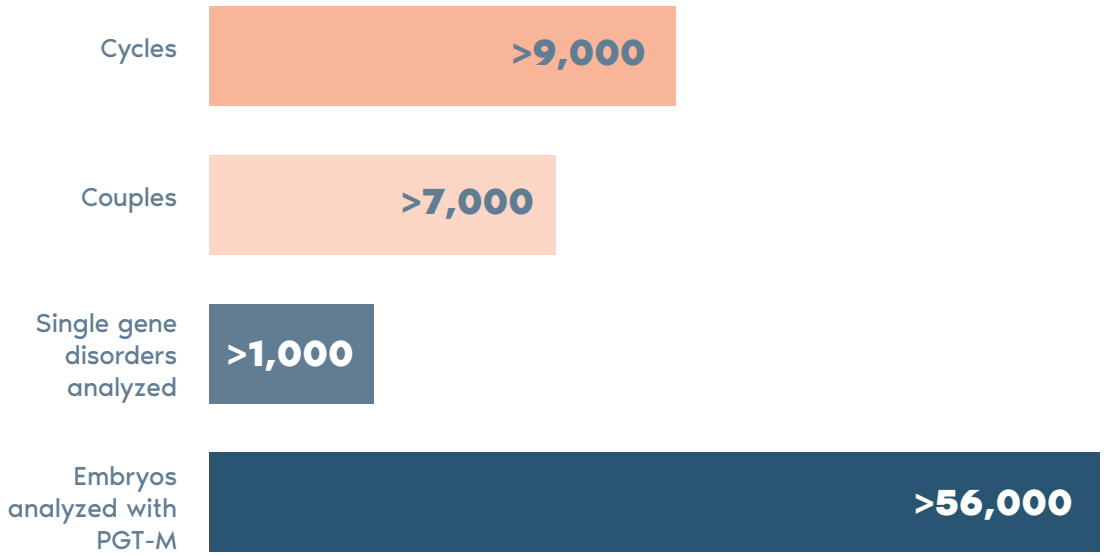
Preimplantation Genetic Testing
for Monogenic Diseases

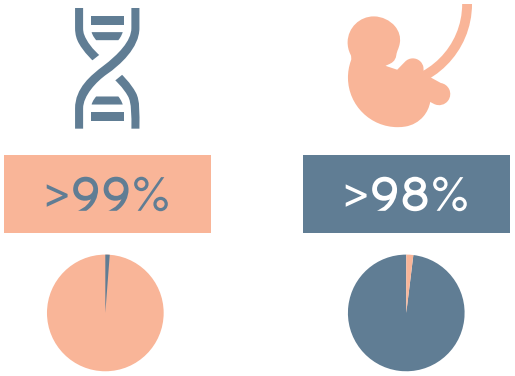
Igenomix®
PART OF VITROLIFE GROUP

PGT-M Update - Igenomix clinical results

PGT-M prevents the transmission of single gene disorders to offspring. This test is for couples with a family history or known carrier status of monogenic diseases such as cystic fibrosis, fragile X syndrome or Huntington's, among others.

IGENOMIX DATA





PGT-M can be performed for >99% of inherited single gene disorders

PGT-M identifies affected and unaffected embryos with >98% accuracy

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PGT-M

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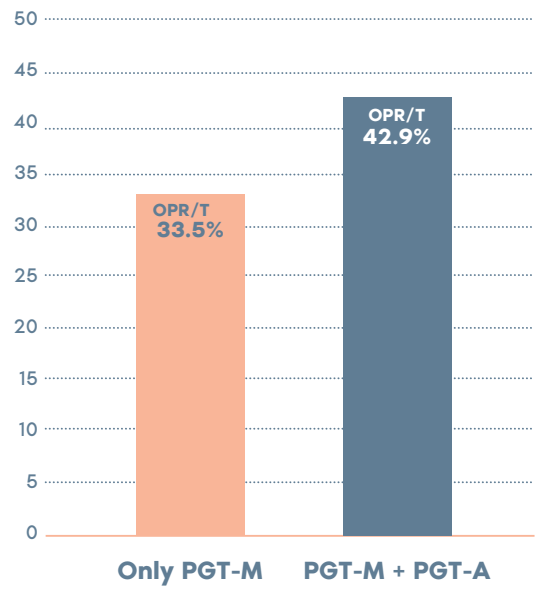
PGT-A and PGT-M can be performed on the same sample

Indications

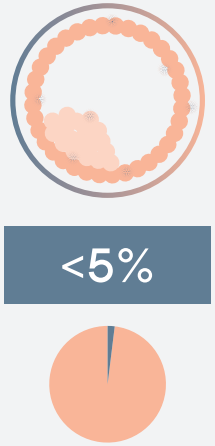
- Monogenic disease
  +
- Advanced maternal age
- Recurrent miscarriage
- Repeated implantation failure
- Severe male factor
- Previous pregnancy with trisomy
- Abnormal karyotype (X0, XXX, XXY, XYY)
- Translocations and inversions analyzed only by aCGH (comparative genomic hybridization)

ADVANTAGES OF PERFORMING PGT-M WITH PGT-A



OPR/T: Ongoing Pregnancy Rate/Transfer

50% of normal embryos for single gene disorders are affected by chromosomal abnormalities[1]



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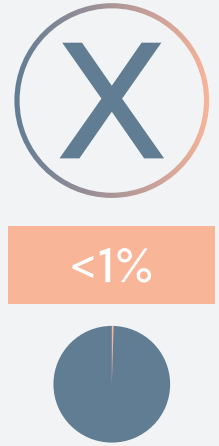
NON-INFORMATIVE EMBRYOS



<1%

NON-ACCEPTED CASES (DUE CLINICAL AND/OR DIAGNOSITC REASONS)

[1] Igenomix internal data

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