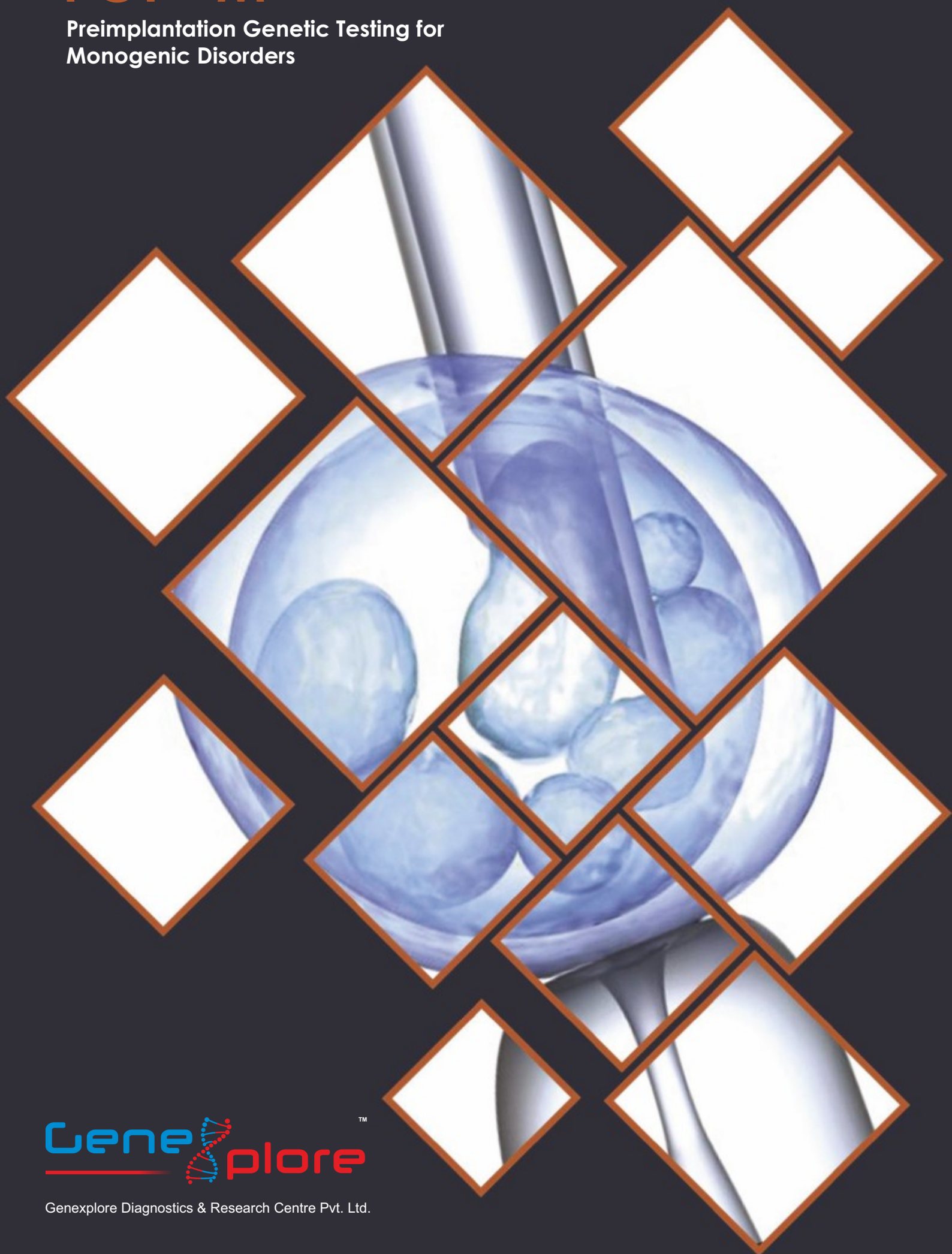


# PGT - M

Preimplantation Genetic Testing for  
Monogenic Disorders



# PGT - M

- ◆ PGT-M enables detection of point mutation in single gene from embryo biopsy that can lead to Monogenic Disorders e.g.  $\beta$ -thalassemia, Hemophilia, Cystic Fibrosis, Dystrophy.
- ◆ PGT-M helps to identify genetic mutation in embryo, ensuring healthy fetus.
- ◆ PGT-M from single/few cell/s of embryo will be analyzed for common identified monogenic disorders.

## WHO SHOULD GO FOR PGT-M

- ◆ Both parents are the carriers of a single-gene Autosomal Recessive Genetic disorder.
- ◆ One of parent carries a mutation for a single-gene Autosomal Dominant Genetic disorder.
- ◆ One of the parent is a carrier of a chromosomal Microdeletion & Microduplications.



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