

Title: IVF success rates in individuals accessing preimplantation genetic testing for monogenic conditions (PGT-M): a single centre retrospective cohort study of 572 IVF cycles

Journal: Journal of Assisted Reproduction and Genetics

Supplementary table 6. Monogenic screening outcomes by monogenic inheritance pattern

Monogenic testing outcome	Autosomal Recessive	Autosomal Dominant	X-linked Recessive	X-linked dominant
High risk for condition of interest	167 (24.8%)	604 (48.0%)	54 (20.5%)	51 (34.2%)
Low risk for condition of interest	136 (20.2%)	525 (41.7%)	120 *45.6%)	62 (41.6%)
Carrier (or affected female embryo for X-linked dominant)	270 (40.1%)	0 (0%)	43 (16.3%)	17 (11.4%)
Inconclusive due to aneuploidy in region of interest	8 (1.2%)	9 (0.7%)	2 (0.8%)	3 (2.0%)
Inconclusive	27 (4.0%)	43 (3.4%)	17 (6.5%)	5 (3.4%)
Biopsy taken but testing not performed*	29 (4.3%)	36 (2.9%)	12 (3.0%)	5 (2.7%)
DNA amplification failure	36 (5.3%)	42 (3.3%)	15 (5.7%)	6 (4.0%)
Total	673	1259	263	149