

Patient Fertility Color Coding

Good prognosis / MG (male good)	Average prognosis / MA (male average)	Poor prognosis / MP (male poor)
Normal sperm	Sperm Borderline Abnormalities: Count: < 40 million Morphology: 1-4% normal sperm Motility: < 32% Concentration: <15million/ml	Sperm Severe Abnormalities: Count: < 1 million Morphology: < 1-2% normal sperm Motility: < 5% Concentration: < 1 million/ml
Normal BMI	BMI > 35kg/m <sup>2</sup>	BMI >40kg/m <sup>2</sup>
Smoking < 10/day	Smoking > 20/day	DNA fragmentation
Alcohol < 50/week	Alcohol > 50/week	Known high sperm aneuploidy
Not ill when giving semen sample	Miscarriage history	History of multiple IVF failures
History of no repeated miscarriages	Prolonged infertility	Poor fertilization with ICSI
History of no prolonged infertility	Age >50 yr	Age >70 yr

Factors	Good prognosis / FG (female good)	Average prognosis / FA (female average)	Poor prognosis / FP (female poor)
Age	<35 yr	35-39 yr	≥ 40 yr
BMI	18-24kg/m <sup>2</sup>	19-35kg/m <sup>2</sup>	>40kg/m <sup>2</sup>
Medical Conditions	No endocrine/metabolic diseases	Well controlled diabetes, thyroid disease, autoimmune disease	Poorly controlled medical disorders
RIF (Recurrent Implantation Failure) / RM (Recurrent Miscarriage)	None	1-3	>3
Ovarian Reserve	AFC >10 AMH >3ng/ml Baseline FSH 2-8mIU/mL	AFC 5-10 AMH 1-3ng/ml Baseline FSH 8-12mIU/mL	AFC <4 AMH <1ng/ml Baseline FSH >12mIU/mL Previous poor response, previous poor egg/embryo quality
Uterine Pathology	Adenomyosis: none Endometriosis: none Fibroids: none No previous uterine surgeries	Adenomyosis: mild-moderate Endometriosis: mild-moderate Fibroids: <3cm, few	Adenomyosis: severe Endometriosis: severe Fibroids: >4cm, multiple, size of uterus is 10-12 weeks pregnant
Endometrium	Normal	Thinner/thicker, but mostly normal	Too thin/too thick, mostly abnormal
Fallopian Tubes	Normal	Mild unilateral hydrosalpinx	Large bilateral hydrosalpinx
Treatment Response	Mature Eggs ≥ 5 Fertilization ≥ 60% Egg Quality Good Embryo Quality Good Post-PGT ≥ 1 BC x 2 G1-G2 Cleavage G1-G2 Embryo Amount ≥ 3 Embryo Transfer Easy Remaining Embryos >2 BC	Mature Eggs 3-5 Fertilization 30-60% Egg Quality Average Embryo Quality Average Post-PGT G3-G4 BC x 2 slow Cleavage slow Embryo Amount 1-2 Embryo Transfer Moderate difficulty Remaining Embryos 1-2 BC	Mature Eggs <3 Fertilization <30% Egg Quality Embryo Quality Poor Post-PGT G3-G4 BC x 2 arrested Cleavage arrested Embryo Amount 1 (poor quality) Embryo Transfer very difficult Remaining Embryos none

Couple with a good prognosis **green**, expect 40-60% success (fetal heart beat on ultrasound) rate: MG + FG or MA + FG

Couple with average prognosis **amber**, expect 10-40% success (fetal heart beat on ultrasound) rate: MA + FA or MP + FG

Couple with poor prognosis **red**, expect <10% success (fetal heart beat on ultrasound) rate: MP + FP or MA + FP or MG + FP