

Table 1: Demographic and clinical characteristics of the evaluated groups

Variables	Male factor-related infertility (N=124)	Non-Male factor-related infertility (N=176)	P-value
Age (mean±SD)	31.44±4.55	32.55±5.74	0.28
Weight (mean±SD)	71.11±11.47	69.33±8.1	0.92
Height (mean±SD)	164.22±5.47	161.83±4.69	0.56
BMI (mean±SD)	26.62±3.71	26.45±2.37	0.06
Gravidity (N, frequency)	51 (41.1 %)	87 (49.4 %)	0.1
Parity (N, frequency)	17 (13.7 %)	31 (17.6 %)	0.4
Length of Infertility, years (mean±SD)	4.73± 0.96	4.8± 0.5	0.26
History of underlying systemic disease (N, frequency)	39 (31.5 %)	120 (68.2 %)	0.0001
History of the use of special medicines (N, frequency)	40 (32.2 %)	122 (69.3 %)	0.0001
Abortion (N, frequency)	47 (37.1 %)	81 (46 %)	0.2
NT results (N, frequency):			0.14
Low Risk	92 (74.2%)	146 (83%)	
Intermediate Risk	31 (25%)	28 (16%)	
High Risk	1 (0.8%)	2 (1%)	
Free β-hCG , IU/L (mean±SD)	34.84 ± 10.87	37.3 ± 11.6	0.07
MoM β-hCG (mean±SD)	1.03± 0.34	1.21±0.4	0.0001***
PAPP-A (mean±SD)	2.05 ± 0.46	3.01 ± 0.84	0.0001***
MoM PAPP-A (mean±SD)	0.97± 0.32	1.06±0.43	0.07
Down Syndrome (N, frequency)	0	0	-
Trisomy 13 (N, frequency)	1	0	0.24
Trisomy 18 (N, frequency)	0 (0.0%)	0 (0.0%)	0.41
Cell Free DNA (N, frequency):			0.47
Low Risk	57 (46 %)	75 (42.6 %)	
Intermediate Risk	0 (0.0%)	1 (0.57 %)	
High Risk	1 (0.8 %)	0 (0%)	
Polyhydramnios	1 (0.8 %)	1 (0.57 %)	>0.9
Pyelectasis	1 (0.8 %)	0	0.24
Anomaly scan (N, frequency)	9 (7.3 %)	3 (1.7 %)	0.03*

BMI: body mass index, NT: nuchal translucency, PAPP-A: Pregnancy-associated plasma protein-A, MoM: multiples of the median for free β-hCG and PAPP-A