

Table 1: Demographic data in the study population.

Item		Azoospermia with positive microdeletion (n=14)	Azoospermia with negative microdeletion (n=132)	Azoospermia with negative microdeletion (n=63)	Normozoospermia with negative microdeletion (n=30)	Overall P value*	P1	P2	P3
Age (years)		36.6 ± 5.9	34.2 ± 6.5	33.6 ± 5.4	33.4 ± 3.2	0.11	0.17	0.10	0.09
Residence	Urban	6 (43%)	69 (52.3%)	30 (47.6%)	18 (60%)	0.56	0.51	0.75	0.29
	Rural	8 (57%)	63 (47.7%)	33 (52.4%)	12 (40%)				
Occupation	Employe	2 (14.3%)	30 (22.7%)	23 (36.5%)	10 (33.3%)	0.51	0.96	0.49	0.57
	Farmer	4 (28.6%)	47 (35.6%)	20 (31.7%)	8 (26.7%)				
	Worker	7 (50%)	51 (38.6%)	20 (31.7%)	11 (36.7%)				
	Others	1 (7.1%)	4 (3%)	0	1 (3.3%)				
Smoking		4 (26.7%)	48 (36.4%)	24 (38.1%)	7 (23.3%)	0.45	0.78	0.50	0.99
Duration of current marriage (years)		5.43 ± 2.34	5.65 ± 4.46	5.59 ± 3.74	4.03 ± 2.09	0.23	0.77	0.84	0.07
Family history of infertility		1 (7.1%)	10 (7.6%)	3 (4.8%)	2 (6.7%)	0.91	0.64	0.86	0.94

Table 2: Clinical and laboratory data in the study population.

Item		Azoospermia positive microdeletion (n=15)	Azoospermia negative microdeletion (n=132)	Oligozoospermia negative microdeletion (n=63)	Normozoospermia negative microdeletion (n=30)	Overall P value*	P1	P2	P3
Testicular volume (ml)	Right testis	11.71 ± 1.44	10.80 ± 3.13	12.46 ± 1.80	14.70 ± 0.66	<0.001	0.62	0.11	<0.001
	Left testis	10.43 ± 1.70	9.92 ± 3.10	11.63 ± 2.07	13.60 ± 0.81	<0.001	0.35	0.31	<0.001
Hormonal profile	FSH (mIU/ml)	21.29 ± 7.27	22.5 ± 11.04	12.98 ± 4.18	8.45 ± 1.55	<0.001	0.69	0.002	<0.001
	LH (mIU/ml)	14.26 ± 4.83	14.08 ± 6.57	8.61 ± 3.19	5.75 ± 1.71	<0.001	0.92	0.001	<0.001
	Testosterone (ng/ml)	5.38 ± 1.39	5.39 ± 1.41	5.96 ± 1.41	5.82 ± 0.88	0.44	0.98	0.18	0.29
	Prolactin (ng/ml)	7.07 ± 1.62	6.77 ± 1.90	6.59 ± 1.02	6.38 ± 0.83	0.12	0.52	0.29	0.09

FSH= follicle stimulating hormone, LH= luteinizing hormone