

Table (1): Comparison between studied groups regarding the demographic data

Variable	Case group (n=100)	Control group (n=50)	P value
Sex			
Male	45 (45.0%)	21 (42.0%)	0.70
Female	55 (55.0%)	29 (58.0%)	
Weight (kg)			
Mean $\pm$ SD	3.6 $\pm$ 0.4	3.03 $\pm$ 0.5	0.01
Maternal age (year)			
Mean $\pm$ SD	28.1 $\pm$ 5.0	27.2 $\pm$ 4.9	0.26
Mode of delivery			
SVD	32 (32.0%)	18 (36.0%)	0.60
CS	68 (68.0%)	32 (64.0%)	
Gestational age Weeks (Mean $\pm$ SD)	36 $\pm$ 3.3	37 $\pm$ 4.4	0.12
APGAR score			
1 Min (Median (range))	8 (7-9)	8 (6-9)	0.8
5 Min (Median (range))	10 (7-10)	10(8-10)	0.75
Preeclampsia (Yes)	30 (30%)	14 (28%)	0.90
PROM >18 hours (Yes)	10 (10%)	6 (12%)	0.76
HBA1C			
Median and range	6.5(5.5-9.6)		
Median	7.1 $\pm$ 1.6		
Type of diabetes			
Gestational diabetes	53 (53%)		
Type 1 diabetes	12 (12%)		
Type 2 diabetes	35 (35%)		

Table (2): Comparison between studied groups regarding the laboratory data.

Variable	Group (I) Cases (n=100)	Group (II) Control (n=50)	P value
HB (g/dl) Mean $\pm$ SD	17.4 $\pm$ 1.3	15.5 $\pm$ 2.0	0.01
Hematocrit (%)	55.5 $\pm$ 16.4	46 $\pm$ 17.2	0.01
WBCs *10³ U/L Mean $\pm$ SD	7186 $\pm$ 3330	7842 $\pm$ 2146	0.161
Platelets *10³ U/L Mean $\pm$ SD	230.8 $\pm$ 73.4	239.1 $\pm$ 97.1	0.559
AST, SGOT (U/L) Mean $\pm$ SD	25.2 $\pm$ 4.9	23.9 $\pm$ 4.7	0.111
ALT, SGPT (U/L) Mean $\pm$ SD	29.1 $\pm$ 4.9	28.1 $\pm$ 5.2	0.182
Urea (mg/dL) Mean $\pm$ SD	21.9 $\pm$ 3.78	20.9 $\pm$ 3.85	0.853
Creatinine (mg/dL) Mean $\pm$ SD	0.67 $\pm$ 0.17	0.65 $\pm$ 0.11	0.531

Table (3): Comparison between cases and control groups regarding hepatitis B virus serology follow up after vaccination.

Item	HBs antigen	Anti-HBs	Anti-HBc
9 months			
Case group (N=100)	Negative	7±12	Negative
Control group (N=50)	Negative	20±23	Negative
P value		< 0.0001	
12 months			
Case group (N=97)	Negative	235±110	Negative
Control group (N=47)	Negative	265±45	Negative
P value		0.07	
24 months			
Case group (N=94)	Negative	138±95	Negative
Control group (N=45)	Negative	165±60	Negative
P value		0.08	

NB: HBs antigen: Hepatitis B surface antigen; Anti-HBs Hepatitis B surface antigen antibodies; Anti-HBc: Hepatitis B core antibodies.