

Table 1. Comparison of basic clinical features in infants with and without MAS

Variables	Group 1 (n : 19)	Group 2 (n : 41)	p-value
Mother's age, in years	28.53 (18-38)	27.76 (17-39)	0.66
Delivery Method, % (NSVR/C/S)	42	46	0.76
Birth Week, in weeks	38.9 (37-41)	39.2 (38-41)	0.33
Birth Weight, in grams	3270.2 (2700-3990)	3331.7 (2500-4250)	0.61
Gender (M/F), %	53	54	>0.05

NSVR: Normal Spontaneous Vaginal Route, C/S: C: Section. M: Male F: Female

Table 2. Comparison of laboratory values between two groups

Variables	Group 1 (n : 19)	Group 2 (n : 41)	p-value
CRP (mg/dl)	7.26 (0.02-79)	6.17 (0.06-114)	>0.05
IL-6 (pg/ml)	516 (15-2250)	116 (5-2247)	<0.05
White Blood Cell	25004 (6200-42000)	21098 (9400-35000)	>0.05
Neutrophils	15368 (3800-23600)	14104 (4300-22200)	>0.05
Platelet	230789 (6300-449 000)	257951 (106 000-650 000)	>0.05

CRP: C-reactive protein, IL-6: Interleukin-6

Table 3. Comparison of clinical variables in the neonatal period

Variables	Group 1	Group 2	p-value
	(n : 19)	(n : 41)	
Surfactant, n(%)	17	0	0.00
Pulmonary hypertension	13	0	0.00
Pneumothorax, n(%)	6	0	0.00
Time on mechanical ventilation (day)	4.63	0.87	0.001
	(1-15)	(0-1)	
Inotropic support, n (%)	19	7	0.00
Exitus, n(%)	3	0	0.00

Table 4: Correlations between IL-6 and other acute phase reactant

Item		CRP	IL-6	White blood cell	Neutrophil
CRP	PearsonCorrelation	1	0,072	0,013	-0,029
	Sig. (2-tailed)	-----	0,585	0,919	0,826
	N	60	60	60	60
IL-6	PearsonCorrelation	0,072	1	-0,022	-0,026
	Sig. (2-tailed)	0,585	-----	0,869	0,841
	N	60	60	60	60
White blood cell	PearsonCorrelation	0,013	-0,022	1	0,596**
	Sig. (2-tailed)	0,919	0,869	-----	0,000
	N	60	60	60	60
Neutrophil	PearsonCorrelation	-0,029	-0,026	0,596**	1
	Sig. (2-tailed)	0,826	0,841	0,000	-----
	N	60	60	60	60

**. Correlation is significant at the 0.01 level (2-tailed).

CRP: C-reactive protein, IL-6: Interleukin-6