

Table 3: Multivariate logistic model to explain the development of meconium aspiration syndrome**Table 3A:** Association of MIR with the development of MAS

	Adjusted odds ratio (95% CI)	P-value
MIR	1.25 (0.82, 1.92)	0.30
Obstetric gestational age	1.17 (1.02, 1.35)	0.03
NRFHP	1.19 (0.78, 1.82)	0.41
5-minute APGAR score	0.81 (0.75, 0.87)	<0.01
Severe fetal acidosis (pH<7.0)	3.20 (1.88, 5.45)	<0.01

Table 3B: Association of FIR with the development of MAS

	Adjusted odds ratio (95% CI)	P-value
FIR	2.50 (1.62, 3.86)	<0.01
Obstetric gestational age	1.14 (0.98, 1.31)	0.08
NRFHP	1.03 (0.67, 1.57)	0.90
5-minute APGAR score	0.83 (0.77, 0.90)	<0.01
Severe fetal acidosis (pH<7.0)	3.36 (1.97, 5.74)	<0.01

Table 3C: Association of moderate to severe FIR ($\geq$ stage 2) with the development of MAS

	Adjusted odds ratio (95% CI)	P-value
Moderate-to-severe FIR ($\geq$ stage 2)	5.43 (2.83, 10.40)	<0.01
Obstetric gestational age	0.97 (0.80, 1.18)	0.77
NRFHP	0.75 (0.44, 1.29)	0.30
5-minute APGAR score	0.83 (0.74, 0.92)	<0.01
Severe fetal acidosis (pH<7.0)	2.28 (1.11, 4.70)	0.03

MIR: maternal Inflammatory response; NRFHP: non-reassuring fetal heart pattern; MAS: meconium aspiration syndrome; CI: confidence interval