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Abstract:

Aim: To evaluate the maternal risk factors associated with intrauterine growth retarded babies born at term.

Methodology: Maternal and baby details from parturition records of 250 successive deliveries were taken. Two groups were identified and compared. Group A, comprising of mothers with babies of birth weight 2.5kg and above and Group B, mothers and babies with birth weight below 2.5 kg.

Results: The number of babies born with birth weight below 10th percentile of less than 2.5 kg was 18%. Teenage pregnancies were recorded in 7% of group B women with babies of low birth weight. Women from rural background were more in group B (57%). Early pregnancy loss was more often in group B (21%). High risk maternal complications were higher in group B (27%) women. More female babies, nearly 73% were born with low birth weight. In group A, 1% of the babies were dead born, and in Group B, all the babies were born alive. Low APGAR score below 5 was in 2% of group B babies. NICU admissions in group B babies were 20%.

Conclusion: The incidence of low birth weight was 18% of term deliveries. Factors associated with low birth weight babies were teenage pregnancy, rural background, history of early pregnancy loss and high-risk maternal complications. More female babies were born with low birth weight.

Key words: SFD; IUGR; Low birth weight

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