

Perinatal Outcome of Multiple Pregnancy: In Vitro Fertilization versus Spontaneous Pregnancy

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Objective: To compare the perinatal outcome of the In vitro fertilization of multiple pregnancies with those who conceived spontaneously.

Study design: Retrospective analysis of two groups of patients, those who conceived after IVF (n=39) and spontaneously (n=85) during the period between January 1995 and December 1996.

Obstetric measures: Intrauterine growth retardation, pre-term rupture of membranes, pre-term labour, caesarean section and perinatal mortality.

Results: The analysis of the data did not show any significant difference in the pregnancy complications between the two group of patients as far as hypertension, diabetes, abruptio placenta and intra-uterine growth retardation were concerned. The premature rupture of membranes was more in the spontaneous group. In the IVF group the rate of caesarean section and low birth weight was more than in the spontaneous group.

Conclusion: The risk of adverse perinatal outcome does not seem to be increased in the IVF group when compared with the spontaneous pregnancies.