



FETAL OUTCOME IN TWIN GESTATION

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KEYWORDS :

INTRODUCTION

Twinning is multifactorial phenomenon principally attributable to genetic and environmental factors such as advanced maternal age and increased parity. In India, twinning occurs in approximately 1% of pregnancies and has been reported to be responsible for 10% of perinatal mortality. The incidence of twins is on rise due to variety of reasons like increased use of assisted reproductive techniques and increasing number of women having pregnancy at advanced age.

MATERIAL AND METHODS :

Total number of cases studied is 12 for duration of 6 months.

RESULTS :**Maternal age & twin gestation :**

SR. NO	MATERNAL AGE	PERCENTAGE
1	<20 YEARS	0%
2	20-25 YEARS	33%
3	25-30 YEARS	50%
4	30-35 YEARS	8.3%
5	>35 YEARS	8.3%

Gravida & twin gestation :

SR.NO	GRAVIDA	PERCENTAGE
1	PRIMI	50%
2	MULTI	50%

Gestational age during delivery of twins :

SR NO	MEAN GESTATIONAL AGE	PERCENTAGE
1	34-35 WEEKS	8.3%
2	35-36 WEEKS	16.6%
3	36-39 WEEKS	75%
4	>39 WEEKS	0%

Presentation at the time of delivery :

SR.NO	PRESENTATION	PERCENTAGE
1	BOTH VERTEX	50%
2	BOTH BREECH	25%
3	VERTEX & BREECH	16.6%
4	OTHERS (FOOTLING & VERTEX)	8.3%

Birth weight in twin gestation :

SR. NO	BIRTH WEIGHT	PERCENTAGE
1	2.5 KG	33.3%
2	2-2.5 KG	41.6%
3	1.5-2 KG	25%
4	1-1.5 KG	0%
5	1 KG	0%

Mode of delivery in twin gestation :

SR. NO	MODE OF DELIVERY	PERCENTAGE
1	VAGINAL	50%
2	LSCS	50%
3	OTHER (VACCUUM CUP/FORCEP)	0

DISCUSSION :

Comparison was made with study of maternal determinants & fetal outcome of twin pregnancy : A Five year survey –Rachel Mathew ,Vinita Wills ,Jacob Abraham .

Findings :

Maximum (69.72%) of mothers fall in age group of 21-30yrs . Most common maternal complication seen in twin pregnancy is preterm labour (64.22%). Most common indication for LSCS in twin gestation was malpresentation (26.6%). As per birth weight , maximum babies had low birth weight (70.6%). Most common complication seen in twin gestation was IUGR (11.46%)

CONCLUSION :

In comparison to above study , following observation was made in our study

M/C age group of twin gestation was 25-30 yrs (50%). Equal incidence of twin pregnancy seen in primi & multi . Maximum twins delivered at MGA of 36-39wks (75%). M/C presentation was both Vx . Maximum babies had LBW (41.6%). Mode of delivery was equal with Vg & LSCS

REFERENCES :

1. Maternal determinants and fetal outcome of twin pregnancy: a five - year survey
2. Rachel Mathew1 , Vinita Wills1* , Jacob Abraham2