



Feto-maternal outcome in pregnancies complicated by pregnancy induced hypertension(PIH)

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Introduction

In Pregnancy Induced Hypertension (PIH) there is a danger of adverse neonatal fetal outcome, such as, Premature labour (PL), Decreased birth weight (LBW), C- section, Intrauterine Growth Retardation (IUGR), and Intrauterine Death (IUD). There is increased perinatal morbidity and mortality in pregnancy induced hypertension contrasted to uneventful pregnancy.

Objective

To assess the frequency of maternal outcome (Cesarean section) and fetal outcomes (Decrease birth weight, premature labour and intrauterine demise) of woman with PIH

Study design, duration and setting

Descriptive study
27th of June, 2019 to 26th of December, 2019
Bolan Medical Complex Hospital (BMCH), Department of
Obstetrics and Gynecology, Quetta

Material and Methods

381 Gravid woman were included, with >20 and < 45 years of age along any parity and pregnancy induced hypertension. Pregnant woman were tested for pregnancy induced hypertension, chronic hypertension, DM and increased BMI were excluded. Blood pressure using adult size cuff was measured with automatic blood pressure monitor. A proforma was filled regading basic demographic data. Till the time of delivery enrolled patients were provided baseline. Outcomes were evaluated.

Results

In this study, patient age range was 21-44 years along with mean age of 28.97 ± 4.20 . 230 patients (60.37%) were of 21-30 year old age. This study, maternal outcome showed cesarean delivery 206 (54.07%) of Pregnancy Induced Hypertension (PIH). Preterm birth (43.31%), Decrease birth weight (LBW) 115 (30.18%), and IUD 90 (23.62%) was fetal outcome

Conclusion

The study concluded that in order to reduced morbidity and mortality of baby as well as mother, proper protocol formulated for these high risk woman of Pregnancy Induced Hypertension (PIH) through proper management plan and antenatal monitoring.

