

**Key Words:** Analgesia; anaesthesia, spinal; epidural space

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**Study of perioperative modified early obstetric warning scores among pregnancy Induced hypertensive patients posted for caesarean deliveries.**

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**Background & Aims:** This study was aimed at identifying the usefulness of Modified Early Obstetric Warning Score (MEOWS) in predicting perioperative maternal outcome in patients with pregnancy induced hypertension (PIH) presenting for caesarean delivery (CD).

**Methods:** A prospective observational study was conducted in a tertiary hospital in New Delhi, after approval by the institutional ethics committee. Data was collected using a predesigned proforma just before and 24 hours after CD, based on which the preoperative and postoperative MEOWS were determined. The mean of preoperative and postoperative MEOWS was taken as perioperative MEOWS. Sensitivity, specificity, positive and negative predictive value were derived and ROC analysis was done to find the discriminating power of MEOWS to predict the maternal outcome.

**Results:** A total of 106 patients with PIH were analysed. A direct linear relationship was noted between increasing mean perioperative MEOWS and poor maternal outcome. A mean perioperative MEOWS  $\hat{a}\%¥ 4.25$  predicted maternal morbidity and mortality with a sensitivity of 70%, specificity of 91.86 %, positive predictive value of 66.67%, negative predictive value of 92.94 % and an accuracy of 87.74%.

**Conclusion:** Our study suggested that MEOWS is a useful tool for predicting the maternal outcome in parturients with PIH presenting for CD.

**Key Words:** Early warning score; hypertension; pregnant women

**References:**

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