

Perinatal outcome in patients with antepartum eclampsia

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Aims: To study the perinatal outcome in patients with antepartum eclampsia in relation to gestational age.

Materials & Methods: A retrospective study including 40 patients attending Mamata hospital with antepartum eclampsia from August 2010 to April 2012. Perinatal outcome in terms of Intra Uterine Death/Stillbirth/Perinatal mortality and morbidity was assessed among these patients.

Results: Among the 40 patients studied, 15 (37.5%) had term pregnancies, 23(57.5%) had pregnancies between 28-37 weeks & 2 patients (5%) had gestational age <28 weeks. Among the term pregnancies, 80% were live births & 20% IUDs. 65.22% of pregnancies between 28-37weeks gestation were live births, 17.39% IUDs, 8.69% still births & 8.69% were postnatal deaths. All the pregnancies below 28 weeks gestation were IUDs.

Conclusion: Patients with gestational age > 37 weeks had better perinatal outcome in comparison with the other 2 groups. The main cause of perinatal mortality among patients with term pregnancies was IUD (occurred prior to admission). Pregnancies with <28 weeks gestation had 100% mortality rate. Among pregnancies between 28-37 weeks, 8.69% had still births & another 8.69% had postnatal deaths (associated with IUGR and abruptio placentae). Hence better perinatal outcome can be expected with early detection of pre-eclampsia, prevention of eclampsia & earlier admission to hospital. The mode of delivery, induction-delivery interval, associated maternal complications like abruption & fetal complications like IUGR adversely affect the perinatal outcome.

Biography

Sumavarsha Thota is a final year postgraduate (M.S Obstetrics and Gynaecology) at Mamata Medical College and Hospital, Khammam affiliated to Dr. NTR University of Health Sciences, AP. She completed her under graduation at Rajiv Gandhi Institute of Health Sciences, Karnataka. She has presented papers and posters at several conferences. A budding doctor with a lot of academic interest, looking forward to a bright career in this challenging branch of Medicine.

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