

Comparison of Obstetric and Perinatal Outcomes among Elderly and Young Pregnant Women

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Abstract

Background: Advanced maternal age signifies 35 years and above at the time of delivery causing decreased fertility and increased risk of maternal and neonatal complications. Pregnant women above 35 years get many complications like Pregnancy Induced Hypertension, preeclampsia, preterm, low birth weight babies, and NICU admissions. **Objective:** To evaluate and compare obstetric and perinatal outcome in elderly gravida above 35 years of age with younger women of 20 to 34 years. **Methods:** The study was carried out at the Department of Obstetrics and Gynecology, Topiwala National Medical College and BYL Nair Charitable Hospital, Mumbai, from 1st November 2014 to 31st October 2015. Data was collected from patient case history records from Out Patient and Indoor records. Various complications and outcomes were studied. Statistical analyses were carried out using statistical package for SPSS-15. **Results:** The present study showed advanced maternal age is a risk factor for Pregnancy Induced Hypertension, preterm delivery, low birth weight babies, and NICU admissions. **Conclusions:** Advanced maternal age is high risk as compared to younger age group with respect to the reproductive outcome. Pregnancy at this age should be carefully supervised with both good maternal and fetal surveillance to achieve best maternal and fetal results.