EP02:05: Presentation and obstetric outcomes of prenatally undiagnosed neonatal anemia

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Objectives: to assess the incidence, presentation and clinical outcomes of low risk neonates born with prenatally undiagnosed anemia.

Methods: Retrospective cohort study, singleton gestation from 2013 to 2018. Neonatal anemia = hematocrit < 40 mg/dL. Neonates with anemia were allocated and described in terms of presentation and short term maternal and neonatal consequences.

Results:
- 16% had GDM, 4% pathological placentation, 2% hypertensive disorders
- 24% of the cohort delivered between 34+0 to 37+0 weeks
- 14% for elective Caesarean section
- 9% complaint of reduced fetal movements
- 3% vaginal bleeding.
- MOD: 47% NVD, 19% operative vaginal delivery (65% d/t NRFHR) and 32% CS (38% d/t NRFHR)
- 4% SGA and 14% LGA
- 6% had a PH < 7.2

Conclusions: The clinical presentation of fetal anemia is not uniform. Reduced fetal movements and NRFHR should not be overlooked.