PL.62  PERI-PARTUM HYSTERECTOMY: STILL REQUIRED FOR MANAGEMENT OF POST-PARTUM HAEMORRHAGE?

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Background  Postpartum haemorrhage (PPH) complicates 5–10% of all deliveries in the UK. While the use of uterotonic agents and compression devices has reduced the requirement for definitive surgical intervention, examination under anaesthetic, exploratory laparotomy and peri-partum hysterectomy remain in use to control intractable haemorrhage.

Method  Cases of obstetric examination under anaesthetic (n = 66), exploratory laparotomy (n = 15) and peri-partum hysterectomy (n = 10) carried out in the Southern General Hospital were identified from theatre logs and the clinical risk reporting system from April 2009 to November 2012. Clinical features including estimated blood loss and interventional radiology involvement were extracted. Total births for this period was 16050.

Findings  The incidence of return to theatre for the management of PPH was 0.41% of total deliveries over this period. Of these cases, exploratory laparotomy was performed in 20% (n = 15); peri-partum hysterectomy was required in 10.5% (n = 7) of those cases, with an overall incidence of 0.06%. A further three cases of caesarean hysterectomy were also identified; these were elective procedures for antenatally diagnosed invasive placentation. Where hysterectomy was performed, the underlying pathologies were uterine atony (n = 6) and invasive placentation (accreta and percreta, n = 4).

Conclusion  Surgical intervention for management of severe postpartum haemorrhage is rare for the overall obstetric population but remains necessary for management of uterine atony unresponsive to pharmacological management or compression and in cases of invasive placentation. Obstetric training should reflect this accordingly.

PL.63  CAN WE SUSPECT SCAR DEHISCENCE OR RUPTURE AT EARLY STAGES?

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Introduction  Uterine rupture is amongst the preventable obstetric complications that carry severe risks both to mother and baby. Aim Critically analyse the notes of women with rupture uterus over a period of 11 years and to reflect and learn from the outcome.

Method and Settings  Retrospective analysis of case notes of women with confirmed uterine rupture over a period of 11 years from January 2000–December 2011 at Royal Maternity Hospital, Belfast.

Results  17 women had confirmed uterine rupture in the study period of which 4 were preterm. All women except for one, had one or more term caesarean sections in past. The median interval between caesarean section and rupture was 5 years. Only 28% of women had induction of labour. Scar tenderness with or without suspicious CTG was the leading reason to suspect rupture. In nearly 70% of women maternal observations remained stable. Scar rupture was suspected only in 65% of women before the surgical intervention. 8 women (47%) had either scar rupture or dehiscence of varying length while remaining 53% had extensions of scar rupture.

PL.64  PYREXIA IN LABOUR: OUTCOME AND MANAGEMENT

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Intrapartum fever can be due to an infectious or non-infectious etiology and can lead to a variety of maternal and neonatal sequelae. Sepsis contributes significantly to maternal morbidity and mortality. Pyrexia may be the only symptom in early sepsis.1

Aim  To evaluate the incidence, management and outcome of intrapartum pyrexia in the Rotunda hospital, and to evaluate adherence to new hospital guidelines regarding septic screen and antibiotic therapy in intrapartum pyrexia.

Method  Retrospective audit of practise between 1 August and 30 September 2012. The presence or absence of maternal risk factors were reviewed and included: antenatal Group B Streptococcus (GBS), antenatal infections, preterm prelabour rupture of membranes (PPROM), prolonged rupture of membranes (ROM) and epidural anaesthesia. Intra-partum course parameters: management of pyrexia including resource to septic screen and intravenous antibiotics were evaluated.

Results  41 cases were selected and reviewed. The incidence of pyrexia in labour was 2.7% over the study period. The median maternal age was 29. The median gestational age at delivery was 40. 80.5% were nulliparous. 5% had PPROM. 24% had prolonged spontaneous ROM (more than 18 hr). Only one woman was positive for GBS antenatally. 5 cases had GBS on HVS detected on septic screen and 1 case had GBS on placental swab. Labour was induced in 43.9%. 27% delivered by emergency LSCS and 39% by instrumental delivery.

Conclusion  88% of pyrexial women had a septic screen as per protocol. There was a poor culture lead from MSU with the highest yield from placental histology. Pyrexia in labour was associated with: Nulliparity, Induced labour, Prolonged ROM, Epidural analgesia and Operative delivery.

REFERENCE