Table D-23. Evidence table for studies addressing management of PPH (Sohn 2013)

| **Study**  **Description** | **Intervention** | **Inclusion/Exclusion**  **Criteria & Population** | **Outcomes** |
| --- | --- | --- | --- |
| Author:  Sohn et al., 201328  Country:  Korea  Enrollment period:  January 2004 to May 2012  Birth setting:  Hospital  Facility characteristics:  Tertiary care hospital  Funding:  NR (No conflicts)  Design:  Retrospective cohort | **Intervention:**  Massive transfusion- patients who required transfusion of 10 or more units pRBCs  **Groups:**  **G1:** required Massive transfusion  **G2:** did not require Massive transfusion  N at enrollment:  **G1:** 26  **G2:** 100  N at follow-up:  **G1:** 26  **G2:** 100  Duration of treatment: NR  Timing of treatment: NR  Order of treatment: NR  Length of follow-up: NR | **Operational definition of PPH:**  Blood loss of 500 mL or more that occurs within 24 hours after birth.  **Method of blood loss measurement:** NR  **Severity:** NR  Inclusion criteria:   * Primary PPH patients who presented to Emergency Department   Exclusion criteria:   * Transfusion of > 1 U packed RBCs before Emergency Dept arrival * Missing data for initial vital sign   **Maternal age, yrs, median (IQR):**  **G1:** 31 (29.8-34.5)  **G2:** 31 (29-34)  p = 0.67  **Parity, n:**  Primipara  **G1:** 17 (65.4)  **G2:** 56 (56)  Multipara  **G1:** 9 (34.6)  **G2:** 44 (44)  p = 0.39  **Weeks gestation:** NR  **Single pregnancy:** NR  **Multiple pregnancy:** NR  **Race/ethnicity:** NR  **BMI:** NR  **Baseline hemoglobin:** NR  **SES:** NR  **Mode of birth, n:**  Vaginal  **G1:** 20 (76.9)  **G2:** 77 (77)  Cesarean  **G1:** 6 (23.1)  **G2:** 23 (23)  p = 0.99  **Bleeding time, minutues median (IQR):**  **G1:** 122 (76.3-162.3)  **G2:** 138 (81-219)  p = 0.15  **Risk factors, n (%):**  Initial Mental Status  (alert, verbal, unresponsive  p < 0.01  Initial vital signs, median (IQR)  SBP, mmHg  **G1:** 101.5 (80.0 – 118.8)  **G2:** 118.5 (105.0 – 129.0)  p < 0.01  SBP < 90mmHg, n (%)  **G1:** 8 (30.8)  **G2:** 11 (11.0)  p = 0.03  DBP, mmHg  **G1:** 59.0 (52.0 – 66.5)  **G2:** 71.0 (63.3 – 81.0)  p < 0.01  HR, beats/min  **G1:** 129.0 (119.3 – 144.3)  **G2:** 97.5 (82.3 – 109.0)  p < 0.01  Body temperature, °C  **G1:** 36.7 (36.2 – 37.4)  **G2:** 37.0 (36.5 – 37.5)  p = 0.28  Shock Index (SI), median (IQR)  **G1:** 1.3 (1.0 – 1.7)  **G2:** 0.8 (0.7 – 1.0)  p < 0.01  **Primary etiology of PPH:** NR | **Blood loss:**  Transfusion amount, median (IQR) units  Packed RBCs during initial 24 hours **G1:** 18 (11.8-24) **G2:** 3 (2-5) p< 0.01  pRBCs during hospitalization  **G1:** 20 (15.8-28.8)  **G2:** 4 (2-6)  p< 0.01  FFP during hospitalization  **G1:** 11.5 (7.8-15.8)  **G2:** 0 (0-3)  PCs during hospitalization  **G1:** 14 (10-25.5)  **G2:** 0 (0-0)  p< 0.01  **ICU admission: G1:** 11 (42.3) **G2:** 5 (5) p < 0.01  **Anemia:**  Hemoglobin, g/dL, median (IQR) **G1:** 5.9 (4.7-9.6) **G2:** 9.5 (8.3-10.5) p< 0.01  Hematocrit  **G1:** 18.4 (15.2-29)  **G2:** 28.5 (25.8-31.8)  p< 0.01  Platelets  **G1:** 129.5 (93.8-161.5)  **G2:** 174.5 (142.3-201  p< 0.01  **Length of stay, days median (IQR): G1:** 4 (3-6.5) **G2:** 2 (1-3) p < 0.01  **Mortality in hospital: G1:** 3 (11.5) **G2:** 0 p< 0.01  **Uterine preservation:**  Hysterectomy **G1:** 2 (3.8) **G2:** 1 (1) p = 0.37  Embolization  **G1:** 22 (84.6)  **G2:** 36 (36)  p < 0.01  **Future fertility:** NR  **Breastfeeding:** NR  **Psychological impact:** NR  **Harms of intervention:** NR  **Confounders:**  Initial mental status  SBP  Hypotensive state  DBP  HR  SI  **Effect modifiers:** NR |