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., 201328Country:KoreaEnrollment period: January 2004 to May 2012Birth setting: HospitalFacility characteristics: Tertiary care hospitalFunding: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 transfusionN at enrollment: **G1:** 26**G2:** 100N at follow-up: **G1:** 26**G2:** 100Duration of treatment: NRTiming of treatment: NROrder of treatment: NRLength 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:** NRInclusion 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, unresponsivep < 0.01Initial vital signs, median (IQR)SBP, mmHg**G1:** 101.5 (80.0 – 118.8)**G2:** 118.5 (105.0 – 129.0)p < 0.01SBP < 90mmHg, n (%)**G1:** 8 (30.8)**G2:** 11 (11.0)p = 0.03DBP, mmHg**G1:** 59.0 (52.0 – 66.5)**G2:** 71.0 (63.3 – 81.0)p < 0.01HR, beats/min**G1:** 129.0 (119.3 – 144.3)**G2:** 97.5 (82.3 – 109.0)p < 0.01Body temperature, °C**G1:** 36.7 (36.2 – 37.4)**G2:** 37.0 (36.5 – 37.5)p = 0.28Shock 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) unitsPacked RBCs during initial 24 hours**G1:** 18 (11.8-24)**G2:** 3 (2-5)p< 0.01pRBCs during hospitalization**G1:** 20 (15.8-28.8)**G2:** 4 (2-6)p< 0.01FFP 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< 0.01Hematocrit**G1:** 18.4 (15.2-29)**G2:** 28.5 (25.8-31.8)p< 0.01Platelets**G1:** 129.5 (93.8-161.5)**G2:** 174.5 (142.3-201p< 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:** 0p< 0.01**Uterine preservation:**Hysterectomy**G1:** 2 (3.8)**G2:** 1 (1)p = 0.37Embolization**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 statusSBPHypotensive stateDBPHRSI**Effect modifiers:** NR  |