Table D-49. Evidence table for studies addressing management of PPH (Hardeman 2010)

| **Study**  Description | **Intervention** | **Inclusion/Exclusion**  **Criteria & Population** | **Outcomes** |
| --- | --- | --- | --- |
| Author:  Hardeman et al.,  201050  Country:  France  Enrollment period:  October 2000 to August 2006  Birth setting:  Hospital  Facility characteristics:  Tertiary care  Funding:  NR (Authors report nothing to disclose)  Design:  Case-control | **Intervention:**  Embolization of uterine arteries  **Groups:**  **G1:** Embolization  **G2:** control  N at enrollment:  **G1:** 53  **G2:** 106  N at follow-up:  **G1:** 53  **G2:** 106  Duration of treatment: NR  Timing of treatment: NR  Order of treatment: NR  Length of follow-up:  Maximal months, n  **G1:** 82  **G2:** 83 | **Operational definition of PPH:** NR  **Definition of success of treatment**: NR  **Method of blood loss measurement:** NR  **Severity:** NR  Inclusion criteria:   * Cases: women who underwent embolization and responded to follow-up questionnaire * Controls: women who had never undergone embolization, matched by date of delivery, age, parity, total number of pregnancies, spontaneous vs fertility-assisted pregnancy, and mode of delivery   Exclusion criteria: NR  **Maternal age, yrs, (range):**  **G1:** 34.3 (19-44)  **G2:** NR  **Parity, mean (range):**  **G1:** 2.02 (1-8)  **G2:** NR  **Weeks gestation, n (%):**  ≥ 37 weeks  **G1:** 43 (81.1)  **G2:** NR  32-37 weeks  **G1:** 7 (13.2)  **G2:** NR  28-32 weeks  **G1:** 2 (3.8)  **G2:** NR  ≤ 28 weeks  **G1:** 1 (1.9)  G2: NR  **Single pregnancy, n (%):**  **G1:** 48 (91)  **G2:** NR  **Multiple pregnancy, n (%):**  **G1:** 5 (9)  **G2:** NR  **Race/ethnicity:** NR  **BMI:** NR  **Baseline hemoglobin:** NR  **SES:** NR  **Mode of birth, n:**  Vaginal  **G1:** 29 (54)  Cesarean  **G1:** 25 (46)  **Risk factors:** NR  **Primary etiology of PPH, n (%):**  Atony  **G1:** 43 (81.1)  Placenta accreta  **G1:** 5 (9.4)  Thrombus  **G1:** 2 (3.8)  Vascular damage  **G1:** 3 (5.7) | **Blood loss:** NR  **Transfusion:** NR  **ICU admission:** NR  **Anemia:** NR  **Length of stay:** NR  **Mortality:** NR  **Uterine preservation:** NR  **Future fertility:**  Desire to become pregnant  **G1:** 14 (26.4) (text reports n=17 but three were still using o.c. due to fear of another hemorrhage)  **G2:** NR  Occurrence of pregnancy  **G1:** 12/14  **G2:** 37/denominator not clear  **G1 vs G2:** p=0.17  **Breastfeeding:** NR  **Psychological impact:** NR  **Harms of intervention:**  Total complications (n=53)  **G1:** 19 (35.9)  Pain and fever  **G1:** 16 (30.2)  Hematoma/inguinal pain  **G1:** 3 (5.7)  Menstrual cycles (n=53)  Normal/unchanged  **G1:** 40 (75.5)  Metrorrhagia  **G1:** 2 (3.8)  Secondary amenorrhea  **G1:** 11 (20.7)  Absence due to contraception  **G1:** 8/11 (15.1)  Absence due to embolization  **G1:** 3/11 (5.6%)  **Confounders:** NR  **Effect modifiers:** NR |