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., 201050Country:FranceEnrollment period: October 2000 to August 2006Birth setting: HospitalFacility characteristics: Tertiary careFunding:NR (Authors report nothing to disclose)Design: Case-control | **Intervention:** Embolization of uterine arteries**Groups:****G1:** Embolization**G2:** controlN at enrollment: **G1:** 53**G2:** 106N at follow-up: **G1:** 53**G2:** 106Duration of treatment: NRTiming of treatment: NR Order of treatment: NRLength 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:** NRInclusion 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:** NR32-37 weeks**G1:** 7 (13.2)**G2:** NR28-32 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:** NROccurrence 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 |