Table D-43. Evidence table for studies addressing management of PPH (Sentilhes 2011c)

| **Study** **Description** | **Intervention** | **Inclusion/Exclusion** **Criteria & Population** | **Outcomes** |
| --- | --- | --- | --- |
| Author:Sentilhes et al., 201145Country:FranceEnrollment period: May 1994 toJuly 2007Birth setting: NRFacility characteristics: University-affiliated tertiary referral centerFunding: NRDesign: Retrospective cohort studyNote: See related studies: Sentilhes 200944 and Sentilhes 201143  | **Intervention:** Embolization as the sole procedureEmbolization in combination with uterine-sparing surgery**Groups:****G1:** Embolization as the sole procedure**G2:** Embolization in combination with uterine-sparing surgeryN at enrollment: G1 + G2: 85N at follow-up: G1+ G2: 68**G1:** 58**G2:** 10Duration of treatment: NRTiming of treatment: NR Order of treatment: NRLength of follow-up: 13 months | **Operational definition of PPH:** Primary PPH - PPH occurring within the first 24 hoursSecondary PPH - PPH occurring 24 hours to 6 weeks following delivery **Definition of success of treatment**: NR**Method of blood loss measurement:** NR**Severity:** NRInclusion criteria: * All consecutive women with PPH who underwent embolization as either the sole procedure or in combination with uterine-sparing surgery

 at the tertiary obstetric center (Rouen UniversityHospital) during the study periodExclusion criteria: * Women with peripartum hysterectomy or vaginal

artery-only embolization**Maternal age:** NR**Parity:** NR**Weeks gestation:** NR**Single pregnancy:** NR**Multiple pregnancy:** NR**Race/ethnicity:** NR**BMI:** NR**Baseline hemoglobin:** NR**SES:** NR**Mode of birth, n:** NR**Risk factors:** NR **Primary etiology of PPH:** NR  | **Menstruation:**Resumed **G1 + G2:** 63 (92.6) **G1:** 53 (91.4) **G2:** 10 (100) p >0.99Unchanged **G1 + G2:** 42 (61.8) **G1:** 38 (65.5) **G2:** 4 (40) p = 0.16Increased flow of menstruation 11 (16.2) **G1:** 9 (15.5) **G2:** 2 (20) p = 0.66Amenorrhoea or decreased flow of menstruation: **G1 + G2:** 15 (22.0) **G1:** 11 (19) **G2:** 4 (40) p = 0.21Menstrual change secondary to synechia**G1 + G2:** 8 (11.8) **G1:** 6 (10.3) **G2:** 2 20) p = 0.33Cause of menstrual change not investigated**G1 + G2:** 7 (26.5) **G1:** 5 (8.6) **G2:** 2 (40) p = 0.27**Clinical ovarian insufficiency:** **G1 + G2:** 7 (10.3) **G1:** 6 (10.3) **G2:** 0p >0.99Normal hormonal profiles **G1 + G2:** 3 (4.4) **G1:** 3 (5.2)**G2:** 0p >0.99Not investigated**G1 + G2:** 4 (5.9) **G1:** 4 (6.9)**G2:** 0p >0.99 **Future fertility (n=68 with data available):** Biological ovarian insufficiency **G1 + G2:** 0 **G1:** 0 **G2:** 0 p = 1Preserved fertility (n = 66) **G1 + G2:** 66 (97.1) **G1:** 56 (96.6) **G2:** 10 (100) p = 1Desire for pregnancy (n = 30)**G1 + G2:** 30 (45.5) **G1:** 25 (44.6) **G2:** 5 (50) p = 1Previous history of infertility**G1 + G2:** 2 (6.7) **G1:** 0 **G2:** 2 (40) p = 0.02Secondary infertility**G1 + G2:** 0 **G1:** 0 **G2:** 0 p = 1Participants attempting to become pregnant**G1 + G2:**  13 (43.3) **G1:** 13 (52) **G2:** 0 p = 0.053Conception delay >24 months**G1 + G2:** 0 **G1:** 0 **G2:** 0 p = 1Participants succeeding in becoming pregnant **G1 + G2:** 17 (56.7) **G1:** 12 (48) **G2:** 5 (100) p = 0.053Pregnancies obtained (n = 26):**G1 + G2:**  26 **G1:** 18 **G2:** 8 p = NRMean conception delay, mean ± SD (range)**G1 + G2:**  11.5 ± 11.9 (1–48) **G1:** 11.6 ± 12.5 (1–48)**G2:** 12.3 ± 11.1 (3–36) p = 0.82Conception delay >24 months**G1 + G2:**  1 (3.8) **G1:** 1 (5.6) **G2:** 1 (12.5) p = 0.53With assisted reproductive techniques**G1 + G2:**  0 **G1:** 0 **G2:** 0 p = 1Pregnancy with birth of live child (n = 19):**G1 + G2:**  19 (73.1) **G1:** 13 (72.2) **G2:** 6 (75) p = 1Full-term pregnancy with no complications**G1 + G2:**  19 (100) **G1:** 13 (100) **G2:** 6 (100) p = 1Caesarean delivery**G1:** 6 (31.6) 4 (30.8) 2 (33.3) p = 1Recurrent postpartum hemorrhage (n = 6):**G1 + G2:**  6 (31.6) **G1:** 3 (23.1) **G2:** 3 (50) p = 0.32Uterine atony in followup pregnancy**G1 + G2:** 4 (66.7) **G1:** 3 (100) **G2:** 1 (33.3) p = 0.40Placenta accrete in followup pregnancy**G1 + G2:**  2 (33.3) **G1:** 0 **G2:** 2 (66.7) p = 0.40**Confounders:** NR**Effect modifiers:** NR**Harms:** Harms prespecified: No**Synechia, n (%):****G1 + G2:** 8 (11.8) **G1:** 6 (10.3) **G2:** 2 (20) p = 0.33**Postpartum fever, n:** **G1+G2:** 13**Endometritis, n:** **G1+G2:** 6 See also fertility data above  |