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.,  201145  Country:  France  Enrollment period:  May 1994 to  July 2007  Birth setting: NR  Facility characteristics:  University-affiliated tertiary referral center  Funding: NR  Design:  Retrospective cohort study  Note: See related studies: Sentilhes 200944 and Sentilhes 201143 | **Intervention:** Embolization as the sole procedure  Embolization in combination with uterine-sparing surgery  **Groups:**  **G1:** Embolization as the sole procedure  **G2:** Embolization in combination with uterine-sparing surgery  N at enrollment:  G1 + G2: 85  N at follow-up:  G1+ G2: 68  **G1:** 58  **G2:** 10  Duration of treatment: NR  Timing of treatment: NR  Order of treatment: NR  Length of follow-up: 13 months | **Operational definition of PPH:**  Primary PPH - PPH occurring within the first 24 hours  Secondary PPH - PPH occurring 24 hours to 6 weeks following delivery  **Definition of success of treatment**: NR  **Method of blood loss measurement:** NR  **Severity:** NR  Inclusion 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 University  Hospital) during the study period  Exclusion 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 >0.99  Unchanged  **G1 + G2:** 42 (61.8)  **G1:** 38 (65.5)  **G2:** 4 (40)  p = 0.16  Increased flow of menstruation 11 (16.2)  **G1:** 9 (15.5)  **G2:** 2 (20)  p = 0.66  Amenorrhoea or decreased flow of menstruation:  **G1 + G2:** 15 (22.0)  **G1:** 11 (19)  **G2:** 4 (40)  p = 0.21  Menstrual change secondary to synechia  **G1 + G2:** 8 (11.8)  **G1:** 6 (10.3)  **G2:** 2 20)  p = 0.33  Cause 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:** 0  p >0.99  Normal hormonal profiles  **G1 + G2:** 3 (4.4)  **G1:** 3 (5.2)  **G2:** 0  p >0.99  Not investigated  **G1 + G2:** 4 (5.9)  **G1:** 4 (6.9)  **G2:** 0  p >0.99  **Future fertility (n=68 with data available):**  Biological ovarian insufficiency  **G1 + G2:** 0  **G1:** 0  **G2:** 0  p = 1  Preserved fertility (n = 66)  **G1 + G2:** 66 (97.1)  **G1:** 56 (96.6)  **G2:** 10 (100)  p = 1  Desire for pregnancy (n = 30)  **G1 + G2:** 30 (45.5)  **G1:** 25 (44.6)  **G2:** 5 (50)  p = 1  Previous history of infertility  **G1 + G2:** 2 (6.7)  **G1:** 0  **G2:** 2 (40)  p = 0.02  Secondary infertility  **G1 + G2:** 0  **G1:** 0  **G2:** 0  p = 1  Participants attempting to become pregnant  **G1 + G2:**  13 (43.3)  **G1:** 13 (52)  **G2:** 0  p = 0.053  Conception delay >24 months  **G1 + G2:** 0  **G1:** 0  **G2:** 0  p = 1  Participants succeeding in becoming pregnant **G1 + G2:** 17 (56.7)  **G1:** 12 (48)  **G2:** 5 (100)  p = 0.053  Pregnancies obtained (n = 26):  **G1 + G2:**  26  **G1:** 18  **G2:** 8  p = NR  Mean 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 = 0.82  Conception delay >24 months  **G1 + G2:**  1 (3.8)  **G1:** 1 (5.6)  **G2:** 1 (12.5)  p = 0.53  With assisted reproductive techniques  **G1 + G2:**  0  **G1:** 0  **G2:** 0  p = 1  Pregnancy with birth of live child (n = 19):  **G1 + G2:**  19 (73.1)  **G1:** 13 (72.2)  **G2:** 6 (75)  p = 1  Full-term pregnancy with no complications  **G1 + G2:**  19 (100)  **G1:** 13 (100)  **G2:** 6 (100)  p = 1  Caesarean delivery  **G1:** 6 (31.6)  4 (30.8)  2 (33.3)  p = 1  Recurrent postpartum hemorrhage (n = 6):  **G1 + G2:**  6 (31.6)  **G1:** 3 (23.1)  **G2:** 3 (50)  p = 0.32  Uterine atony in followup pregnancy  **G1 + G2:** 4 (66.7)  **G1:** 3 (100)  **G2:** 1 (33.3)  p = 0.40  Placenta 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 |