**Table H21. Evidence table (Reference ID# 564)**

| Study Description | Intervention(s)/ Comparator(s) | Patient Population | Baseline Measure(s) | Outcome Measure(s) | Quality |
| --- | --- | --- | --- | --- | --- |
| **Author:**  Tappin et al., 2005  **Country:**  Scotland  **Enrollment period:**  March 2001 to  May 2003  **Setting:**  2 hospitals  **Funding:**  Scottish Executive, Scottish Cot Death Trust, and Bupa Foundation  **Author industry relationship disclosures:**  0/9  **Study Design:**  RCT  **Blinding:**  Assessment (administrator collecting primary outcome data) | **Intervention:**  Motivational Interviewing in home  **Intervention provider:**  Midwives  **Intervention setting:**  Home  **Comparator:**  *Control:* standard health promotion information  **Followup:**  36 weeks gestation  **Groups:**  **G1:** Intervention  **G2:** Control | **Inclusion criteria:**   * Women booking at two hospitals in Glasgow who were current smokers * ≤ 24 weeks gestation   **Enrollment, n:**  **G1:** 351  **G2:** 411  **Followup, n (%):**  **G1:** 351  **G2:** 411  **Age, mean years ± SD:**  **G1:** 26.5 ± 5.8  **G2:** 26.9 ± 6.6  **Education**  NR  **Gestation, mean weeks ± SD**:  **G1:** 13.3 ± 2.2  **G2:** 13.5 ± 2.7  **Insurance status:**  NR  **Parity, n (%):**  No previous children  **G1:** 146 (42)  **G2:** 177 (43)  One previous child  **G1:** 105 (30)  **G2:** 143 (35)  Two or more previous children  **G1:** 99 (28)  **G2:** 91 (22)  **Partner status:**  NR  **Partner smoking status:**  At least one other smoker in house, n (%)  **G1:** 228/351 (56)  **G2:** 268/409 (66)  **Race/ethnicity:**  NR  **Socioeconomic status:**  NR  **Smoking history:**  Age started smoking, mean year (range)  **G1:** 15.1 (8 to 26)  **G2:** 14.7 (6 to 28)  Made at least one previous quit attempt, n (%)  **G1:** 231/349 (66)  **G2:** 286/411 (70)  Smoking level before pregnancy, n (%)  Less than 10  **G1:** 57 (16)  **G2:** 67 (16)  10 to 20  **G1:** 190 (54)  **G2:** 215 (53)  20 or more  **G1:** 104 (30)  **G2:** 129 (31) | **Maternal smoking status**  Number of cigarettes per day:  NR  Cotinine, mean ng/ml ± SD:  **G1:** 128 ± 71  **G2:** 135 ± 82 | **Maternal smoking status**  Abstinence at end of pregnancy, n (%):  **G1:** 17 (4.8)  **G2:** 19 (4.6)  **G1 vs. G2:** RR=1.05 (95% CI: 0.55 to 1.98)  Relapse:  NR  **Child/infant outcomes**  Gestational age, mean weeks ± SD:  **G1:** 38.7 ± 4.1  **G2:** 39.1 ± 2.8  **G1 vs. G2: ∆=**−0.39 (95% CI: −0.91 to 0.13)  Birthweight, mean grams ± SD:  **G1:** 3078 ± 602  **G2:** 3048 ± 642  **G1** **vs.** **G2:** ∆=30 (95% CI: −60 to 121)  NICU admission, n (%):  **G1:** 32/351 (9.1)  **G2:** 53/411 (12.9)  **G1 vs.** **G2:** RR=0.71 (95% CI: 0.47 to 1.07), p=NS  Asthma exacerbation:  NR  Asthma hospitalization:  NR  Upper respiratory infection:  NR  **Adverse events:**  Antenatal admission, n (%)  **G1:** 57/351 (16.2)  **G2:** 53/411 (12.9) | **Overall quality:**  Poor  **Risk of bias**  Randomization:  Low  Allocation concealment:  Low  Selective reporting:  Low  Blinding patients/personnel:  High  Blinding outcome assessment:  Low  Incomplete outcome reporting:  Low  Other:  Low |