**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:NRCotinine, 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=NSAsthma exacerbation:NRAsthma hospitalization:NRUpper 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:LowAllocation concealment:LowSelective reporting:LowBlinding patients/personnel:HighBlinding outcome assessment:LowIncomplete outcome reporting:LowOther:Low |