**Table H39. Evidence table (Reference ID# 997)**

| Study Description | Intervention(s)/ Comparator(s) | Patient Population | Baseline Measure(s) | Outcome Measure(s) | Quality |
| --- | --- | --- | --- | --- | --- |
| **Author:**Secker-Walker et al., 1998**Country:**USA**Enrollment period:** October 1988 toOctober 1992**Setting:**University affiliated clinic**Funding:**Grant (Federal)**Author industry relationship disclosures:**NR**Study Design:** RCT**Blinding:** None | **Intervention:**Structured advice and individual behavior change counseling**Intervention provider:**Trained nurse**Intervention setting:**Clinic**Comparator:**Usual care**Followup:**36 weeks gestation**Groups:****G1:** Intervention**G2:** Control | **Inclusion criteria:** * Women smoking one or more cigarettes per day at first prenatal visit

**Enrollment, n:** **G1:** 197**G2:** 202**Followup, n (%):** 36-week visit **G1:** 135 **G2:** 141**Age, mean years ± SD:****G1:** 22.6 ± 5.2**G2:** 22.5 ± 5.1**Education, n (%):**Less than high school**G1:** 65 (48.2)**G2:** 58 (41.1)High school **G1:** 57 (42.2)**G2:** 64 (45.4)More than high school **G1:** 13 (9.6)**G2:** 19 (13.5)**Gestation, mean weeks ± SD:****G1:** 15.4 ± 7.4**G2:** 14.4 ± 7.1**Insurance status, n (%):**Medicaid,**G1:** 97 (71.9)**G2:** 103 (73.1)**Parity, n (%):**Primigravida**G1:** 60 (44.4)**G2:** 61 (43.3)**Partner status, n (%)**Married**G1:** 37 (27.4)**G2:** 37 (26.2)**Partner smoking status:**1 or more smokers in household**G1:** 106 (78.5)**G2:** 115 (82.6)**Race/ethnicity:**NR**Socioeconomic status:**NR**Smoking history:**Age started smoking, mean years ± SD**G1:** 14.7 ± 2.8**G2:** 14.4 ± 2.6Number previous quit attempts, n (%)0**G1:** 47 (34.8)**G2:** 32 (22.7)1 or more**G1:** 88 (65.2)**G2:** 109 (77.3)Cigarettes per day prior to pregnancy, mean ± SD**G1:** 26.1 ± 11.7**G2:** 25.1 ±1 1.5 | **Maternal smoking status**Number of cigarettes per day, mean ± SD:**G1:** 13.4 ± 7.2**G2:** 11.8 ± 6.6 | **Maternal smoking status**Abstinence at 36 weeks gestation, n (%):**G1:** 19 (14.1)**G2:** 14 (9.9)**G1 vs. G2:** OR=1.49 (95% CI: 0.71 to 3.10), p=NSContinuously quit since second visit (reported not smoking at 2nd visit and all CO ≤ 6 ppm), n (%):**G1:** 11 (8.1)**G2:** 5 (3.5)**G1 vs. G2:** p**=**NSRelapse:NR**Child/infant outcomes**Gestational age :NRBirthweight, mean grams ± SD: **G1:** 3256 ± 452**G2:** 3221 ± 506**G1** **vs.** **G2:** p=NSLow birthweight, n (%):**G1:** 7 (5.2)**G2:** 12 (9.0)**G1 vs. G2:** OR=0.56 (95% CI: 0.21 to 1.46)NICU admission :NRAsthma exacerbation :NRAsthma hospitalization:NRUpper respiratory infection:NR**Adverse events:**NR | **Overall quality:**Poor**Risk of bias**Randomization:UnclearAllocation concealment:UnclearSelective reporting:LowBlinding patients/personnel:LowBlinding outcome assessment:LowIncomplete outcome reporting:LowOther:Unclear |