**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 to  October 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 ± 2.6  Number 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=NS  Continuously 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**=**NS  Relapse:  NR  **Child/infant outcomes**  Gestational age :  NR  Birthweight, mean grams ± SD:  **G1:** 3256 ± 452  **G2:** 3221 ± 506  **G1** **vs.** **G2:** p=NS  Low 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 :  NR  Asthma exacerbation :  NR  Asthma hospitalization:  NR  Upper respiratory infection:  NR  **Adverse events:**  NR | **Overall quality:**  Poor  **Risk of bias**  Randomization:  Unclear  Allocation concealment:  Unclear  Selective reporting:  Low  Blinding patients/personnel:  Low  Blinding outcome assessment:  Low  Incomplete outcome reporting:  Low  Other:  Unclear |