**Table H16. Evidence table (Reference ID# 396)**

| Study Description | Intervention(s)/ Comparator(s) | Patient Population | Baseline Measure(s) | Outcome Measure(s) | Quality |
| --- | --- | --- | --- | --- | --- |
| **Author:**  Ruger et al., 2008  **Country:**  USA  **Enrollment period:**  NR  **Setting:**  Community-based health care practices and health care centers  **Funding:**  Grant (NIH)  **Author industry relationship disclosures:**  0/4  **Study Design:**  RCT  **Blinding:**  None | **Intervention:**  Motivational interviewing and self-help smoking cessation manuals  **Intervention provider:**  Public health nurse  **Intervention setting:**  Home  **Comparator:**  *Usual care:* Up to 5 minute intervention outlining harmful effects of smoking during and after pregnancy and self-help materials.  **Followup:**  1 month after intervention and 6 months postpartum  **Groups:**  **G1:** Intervention  **G2:** Usual care  **Ga:** Smoker  **Gb:** Quitter | **Inclusion criteria:**   * < 28 weeks pregnant * Speak English or Spanish * Current smoker or recent quitter (quit during previous 3 months)   **Exclusion criteria:**   * In drug addiction treatment   **Enrollment, n:**  **G1:** 156  **G1a:** 132  **G1b:** 24  **G2:** 146  **G2a:** 113  **G2b:** 33  **Followup, n:**  **G1:** 131  **G2:** 128  **Age, mean years (range):**  **G1:** 25.6 (24.5 to 26.5)  **G2:** 25.7 (24.6 to 26.8)  **Education, n (%):**  Less than high school  **G1:** 54 (34.6)  **G2:** 44 (30.1)  Completed high school  **G1:** 57 (36.5)  **G2:** 67 (45.9)  Post secondary  **G1:** 45 (28.9)  **G2:** 34 (23.3)  **Gestation, weeks:**  NR  **Insurance status, n (%):**  Major medical  **G1:** 39 (25.3)  **G2:** 41 (28.3)  Medicaid  **G1:** 10 (6.5)  **G2:** 7 (4.8)  Mass health  **G1:** 110 (71.4)  **G2:** 103 (71.0)  Other  **G1:** 1 (0.7)  **G2:** 2 (1.4)  **Parity:**  NR  **Partner status:**  Married, n (%)  **G1:** 34 (21.8)  **G2:** 27 (18.5)  **Partner smoking status:**  NR  **Race/ethnicity, n (%):**  White  **G1:** 109 (70.3)  **G2:** 94 (64.4)  Asian/pacific islander  **G1:** 1 (0.7)  **G2:** 0  Black  **G1:** 30 (19.4)  **G2:** 22 (15.1)  Hispanic  **G1:** 13 (8.3)  **G2:** 16 (11.0)  American Indian, Aluet or Eskimo  **G1:** 2 (1.3)  **G2:** 1 (0.7)  Other  **G1:** 12 (7.7)  **G2:** 29 (19.9)  **Socioeconomic status:**  NR  **Smoking history, n (%):**  Age of first smoke  13 years or younger  **G1:** 48 (30.8)  **G2:** 50 (34.3)  14 to 17 years  **G1:** 67 (43.0)  **G2:** 75 (51.4)  18 years or older  **G1:** 39 (25.0)  **G2:** 20 (13.7)  Smoked during previous pregnancy, n (%):  **G1:** 55 (72.4)  **G2:** 63 (80.8) | **Maternal smoking status**  Number of cigarettes per day:  NR | **Maternal smoking status**  Abstinence at 6 months postpartum, n (%):  **G1:** 7/110 (6.4)  **G2:** 8/100 (8.0)  **G1 vs. G2:** p=NS  Relapse prevention, n (%):  **G1:** 9/21 (42.9)  **G2:** 5/28 (17.9)  **G1 vs. G2:** p=0.056  **Child/infant outcomes**  Gestational age:  NR  Birthweight, mean grams ± SD:  **G1:** 3241.2 ± 586.0  **G2:** 3321.3 ± 612.1  **G1** **vs.** **G2:** p=0.186  Low birthweight (less than 2500 g), n:  **G1:** 16  **G2:** 11  NICU admission, n (%):  **G1:** 14 (10.1)  **G2:** 23 (17.6)  Respiratory problems at birth, n (%):  **G1:** 21 (15.1)  **G2:** 23 (17.8)  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:  Unclear  Blinding outcome assessment:  Low  Incomplete outcome reporting:  High  Other:  Low |