**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:** 0Black **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 smoke13 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=NSRelapse prevention, n (%):**G1:** 9/21 (42.9)**G2:** 5/28 (17.9)**G1 vs. G2:** p=0.056**Child/infant outcomes**Gestational age:NRBirthweight, mean grams ± SD:**G1:** 3241.2 ± 586.0**G2:** 3321.3 ± 612.1**G1** **vs.** **G2:** p=0.186Low birthweight (less than 2500 g), n:**G1:** 16**G2:** 11NICU 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:NRAsthma hospitalization:NRUpper respiratory infection:NR**Adverse events:**NR | **Overall quality:**Poor**Risk of bias**Randomization:UnclearAllocation concealment:UnclearSelective reporting:LowBlinding patients/personnel:UnclearBlinding outcome assessment:LowIncomplete outcome reporting:HighOther:Low |