**Table H11. Evidence table (Reference ID# 231)**

| Study Description | Intervention(s)/ Comparator(s) | Patient Population | Baseline Measure(s) | Outcome Measure(s) | Quality |
| --- | --- | --- | --- | --- | --- |
| **Author:**Stotts et al., 2009**Country:**USA**Enrollment period:** NR **Setting:** Clinic**Funding:**Grant (Federal and Robert Wood Johnson)**Author industry relationship disclosures:**0/7**Study Design:** RCT**Blinding:** None | **Intervention:*** Personalized feedback on nicotine effects on developing fetus during ultrasound (US) and subsequent motivation interviewing (MI)-based counseling sessions
* Best practice (BP) (counseling as per AHRQ 5 A’s strategy) plus ultrasound (US) feedback

**Intervention provider:**MI**:** delivered by masters level trained counselorsUS**:** sonographers**Intervention setting:**NR**Comparator:**Best practice (BP) only**Followup:**End of pregnancy (8th month gestation)**Groups:****G1:** MI + US **G2:** BP + US**G3:** BP only | **Inclusion criteria:** * Current smoking, report of having smoked a cigarette in past 7 days
* Age 16 and older
* Gestational age between 16 to 26 weeks
* English speaking

**Enrollment, n:** **G1:** 120**G2:** 120**G3:** 120**Followup, n:**Completed study **G1:** 115**G2:** 115**G3:** 114**Age, mean years ± SD:****G1:** 25.21 ± 6.01 **G2:** 25.45 ± 6.45**G3:** 24.65 ± 5.69 **Education, mean years ± SD:****G1:** 11.63 ± 1.72**G2:** 11.37 ± 2.28**G3:** 11.40 ± 1.99**Gestation, mean weeks ± SD****G1:** 21.12 ± 3.40**G2:** 22.48 ± 3.64**G3:** 23.63 ± 3.50**Insurance status:**NR**Parity:**Number of births, mean ± SD**G1:** 1.5 ± 1.5**G2:** 1.2 ± 1.4**G3:** 1.3 ± 1.4**Partner status, n (%):**Married, living with partner**G1:** 32 (26.67)**G2:** 18 (15.00)**G3:** 26 (21.67)Not married, living with partner**G1:** 45 (37.50)**G2:** 52 (43.33)**G3:** 39 (32.50)Widowed/divorced/separated**G1:** 17 (14.17)**G2:** 11 (9.17)**G3:** 17 (14.17)Never married, not living with a partner**G1:** 26 (21.67)**G2:** 39 (32.50)**G3:** 38 (31.67)**Partner smoking status:**NR**Race/ethnicity, n (%):**African American**G1:** 52 (44.44)**G2:** 46 (40.35)**G3:** 36 (31.30)Caucasian**G1:** 58 (49.57)**G2:** 65 (57.02)**G3:** 75 (65.22)Other**G1:** 7 (5.98)**G2:** 3 (2.63)**G3:** 4 (3.48)Hispanic**G1:** 18 (28.57)**G2:** 25 (20.83)**G3:** 20 (16.67)**Socioeconomic status, n (%):**Income less than $15,000/year**G1:** 68 (56.67)**G2:** 67 (55.83)**G3:** 59 (49.58)Income $15,000 to $24,999**G1:** 33 (27.50)**G2:** 28 (23.33)**G3:** 34 (28.57)Income $25,000 to $34,999**G1:** 7 (5.83)**G2:** 15 (12.50)**G3:** 14 (11.76)Income $35,000 to $40,000**G1:** 12 (10.00)**G2:** 10 (8.33)**G3:** 12 (10.08)**Smoking history:**Age smoking regularly, mean years ± SD**G1:** 16.19 ± 4.35**G2:** 16.02 ± 3.72**G3:** 15.78 ± 3.15 | **Maternal smoking status**Number of cigarettes per day, mean ± SD:**G1:** 11.03 ± 8.14**G2:** 11.78 ± 9.47**G3:** 11.72 ± 8.73Cotinine, median ng/ml:**G1:** 131.0**G2:** 116.0**G3:** 117.0 | **Maternal smoking status**Abstinence at end of pregnancy, %:**G1:** 18.3**G2:** 14.2**G3:** 10.8**G1 vs. G2 vs. G3:** p=0.30**(G1 + G2) vs. G2:** p=0.17Relapse:NR**Child/infant outcomes**NR**Adverse events:**NR | **Overall quality:**Fair**Risk of bias**Randomization:LowAllocation concealment:UnclearSelective reporting:LowBlinding patients/personnel:LowBlinding outcome assessment:LowIncomplete outcome reporting:LowOther:Low |