**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 counselors  US**:** 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 ± 8.73  Cotinine, 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=0.17  Relapse:  NR  **Child/infant outcomes**  NR  **Adverse events:**  NR | **Overall quality:**  Fair  **Risk of bias**  Randomization:  Low  Allocation concealment:  Unclear  Selective reporting:  Low  Blinding patients/personnel:  Low  Blinding outcome assessment:  Low  Incomplete outcome reporting:  Low  Other:  Low |