**Table H31. Evidence table (Reference ID# 880)**

| Study Description | Intervention(s)/ Comparator(s) | Patient Population | Baseline Measure(s) | Outcome Measure(s) | Quality |
| --- | --- | --- | --- | --- | --- |
| **Author:**  Ershoff et al., 1999  **Country:**  USA  **Enrollment period:**  November 1996 to  June 1997  **Setting:**  Large group HMO  **Funding:**  Grant (Robert Wood Johnson)  **Author industry relationship disclosures:**  NR  **Study Design:**  RCT  **Blinding:**  Provider | **Intervention:**  *Motivational Interviewing* *(MI):* counseling, telephone calls  *Interactive voice recognition (IVR)*: computerized interactive telephone support plus booklet  **Intervention provider:**  Nurse educators  **Intervention setting:**  NR  **Comparator:**  Booklet only  **Followup:**  End of pregnancy  **Groups:**  **G1:** MI  **G2:** IVR  **G3:** Booklet only | **Inclusion criteria:**   * Pregnant smokers (smoked within 7 days of interview) * Aged 18 or older * Beginning prenatal care at or before 26th week * English speaking * 7 or more cigarettes per week before pregnancy   **Enrollment, n:**  **G1:** 126  **G2:** 133  **G3:** 131  **Followup, n:**  **G1:** 101  **G2:** 120  **G3:** 111  **Age, mean years ± SD:**  **G1:** 29.0 ± 6.0  **G2:** 29.6 ± 6.7  **G3:** 29.6 ± 5.7  **Education, mean ± SD:**  **G1:** 13.0 ± 2.2  **G2:** 12.9 ± 2.1  **G3:** 12.8 ± 2.1  **Gestation, weeks:**  NR  **Insurance status:**  NR  **Parity, %:**  Primiparous  **G1:** 35.6  **G2:** 34.2  **G3:** 30.6  **Partner status:**  NR  **Partner smoking status, %:**  **G1:** 50.5  **G2:** 56.7  **G3:** 57.7  **Race/ethnicity, n (%):**  White  **G1:** 61.4  **G2:** 58.3  **G3:** 63.1  Black  **G1:** 14.9  **G2:** 14.2  **G3:** 17.1  Hispanic  **G1:** 19.8  **G2:** 15.0  **G3:** 14.4  **Socioeconomic status:**  NR  **Smoking history:**  Pre-pregnancy smoking, mean ± SD  **G1:** 16.3 ± 7.6  **G2:** 17.6 ± 9.8  **G3:** 17.1 ± 9.7 | **Maternal smoking status**  Number of cigarettes per day, mean ± SD:  **G1:** 6.3 ± 6.5  **G2:** 6.7 ± 6.5  **G3:** 6.6 ± 7.3 | **Maternal smoking status**  Abstinence at end of pregnancy, % :  **G1:** 20.8  **G2:** 16.7  **G3:** 22.5  **G1 vs. G2 vs. G3:** p=0.57  Relapse:  NR  **Child/infant outcomes**  NR  **Adverse events:**  NR | **Overall quality:**  Fair  **Risk of bias**  Randomization:  Unclear  Allocation concealment:  Unclear  Selective reporting:  Low  Blinding patients/personnel:  Low  Blinding outcome assessment:  Low  Incomplete outcome reporting:  Low  Other:  Low |