**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 toJune 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:** 63.1Black**G1:** 14.9**G2:** 14.2**G3:** 17.1Hispanic**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=0.57Relapse:NR**Child/infant outcomes**NR**Adverse events:**NR | **Overall quality:**Fair**Risk of bias**Randomization:UnclearAllocation concealment:UnclearSelective reporting:LowBlinding patients/personnel:LowBlinding outcome assessment:LowIncomplete outcome reporting:LowOther:Low |