**Table H19. Evidence table (Reference ID #497)**

| Study Description | Intervention(s)/ Comparator(s) | Patient Population | Baseline Measure(s) | Outcome Measure(s) | Quality |
| --- | --- | --- | --- | --- | --- |
| **Author:**Rigotti et al., 2006**Country:**USA **Enrollment period:** September 2001 to July 2004**Intervention setting:** Managed care organization and community based prenatal practices**Funding:**Federal grant and Robert Wood Johnson**Author industry relationship disclosures:**NR**Study Design:** RCT**Blinding:** None | **Intervention:**Proactive, pregnancy tailored telephone counseling intervention, series of telephone calls accompanied by additional written materials.**Intervention provider:**Counselors**Intervention setting:**Home**Comparator:**Best practice (control)**Followup:**End of pregnancy and 3 months post-partumAssessment by telephone interview (conducted by research assistant). Participants who reported nonsmoking for past 7 days were asked to mail in saliva sample and received $50 for each sample.**Groups:****G1:** Telephone counseling**G2:** Control | **Inclusion criteria:** * Pregnant women ≤ 26 weeks gestation
* Smoked at least 1 cigarette in past 7 days
* Age 18 or older
* Willing to consider altering their smoking during pregnancy
* Reachable by telephone
* English speaking
* Expected to live in New England for next year

**Enrollment, n:** **G1:** 220 **G2:** 222 **Followup, n:**End of pregnancy **G1:** 152 **G2:** 156 Postpartum assessment**G1:** 141**G2:** 152Intention to treat analysis for end of pregnancy**G1:** 209**G2:** 212Intention to treat analysis for 3 months postpartum**G1:** 209**G2:** 210**Age, mean years ± SD:****G1:** 28.9 ± 6.7**G2:** 28.1 ± 5.8**Education, mean years ± SD:****G1:** 13.1 ± 2.2**G2:** 13.0 ± 1.9**Gestation, mean weeks ± SD:****G1:** 13.1 ± 4.8**G2:** 12.2 ± 4.4**Insurance status, n (%):**Private**G1:** 166 (75)**G2:** 156 (70)Public**G1:** 44 (20)**G2:** 52 (23)Other **G1:** 10 (5)**G2:** 14 (6)**Parity, n (%):**Nulliparous**G1:** 112 (51)**G2:** 94 (42)**Race/ethnicity, n (%):**Non-Hispanic white**G1:** 194 (88)**G2:** 192 (87)**Partner status, n (%):**Married or living with partner**G1:** 167 (76)**G2:** 158 (71)**Partner smoking status, n (%):**Smoker**G1:** 149 (71)**G2:** 130 (62)**Socioeconomic status, n (%):**Employed in past year**G1:** 192 (87)**G2:** 201 (91)**Smoking history:**Age started smoking regularly, mean age ± SD**G1:** 15.3 ± 3.0**G2:** 15.2 ± 2.9Cigarettes smoked per day before current pregnancy, mean number ± SD**G1:** 20.9 ± 9.1**G2:** 20.8 ± 8.3First morning cigarette within 30 minutes, n (%)**G1:** 100 (45)**G2:** 89 (40)Made quit attempt in this pregnancy, n (%)**G1:** 113 (51)**G2:** 91 (41)Plan to quit in next 30 days, n (%)**G1:** 188 (86)**G2:** 181 (82) | **Maternal smoking status**Number of cigarettes per day, mean ± SD:**G1:** 10.4 ± 7.4**G2:** 10.0 ± 7.1 | **Maternal smoking status**Abstinence at end of pregnancy, n (%):**G1:** 21 (10.0)**G2:** 16 (7.5)**G1 vs. G2:** OR=1.37 (95% CI: 0.69 to 2.70),p=0.39Abstinence at 3 months postpartum, n (%):**G1:** 14 (6.7)**G2:** 15 (7.1)**G1 vs. G2:** OR=0.93 (95% CI: 0.44 to 1.99), p**=**1.00Abstinence at end of pregnancy and at 3 months postpartum[[1]](#footnote-1), n (%):**G1:** 10 (4.8)**G2:** 7 (3.3)**G1 vs. G2:** OR=1.46 (95% CI: 0.54 to 3.90), p=0.47Relapse:NR**Child/infant outcomes**NR**Adverse events:**NR | **Overall quality:**Good**Risk of bias**Randomization:LowAllocation concealment:LowSelective reporting:LowBlinding patients/personnel:LowBlinding outcome assessment:LowIncomplete outcome reporting:LowOther:Low |

Notes: Paper also reports subgroup analysis by baseline characteristics (cigarettes/day at study entry; made quit attempt since start of pregnancy; confidence in ability to quit; spouse smoking status.

1. Cotinine validated at both timepoints [↑](#footnote-ref-1)