**Table H4. Evidence table (Reference ID# 31)**

| Study Description | Intervention(s)/ Comparator(s) | Patient Population | Baseline Measure(s) | Outcome Measure(s) | Quality |
| --- | --- | --- | --- | --- | --- |
| **Author:**Ondersma et al., 2012**Country:**USA**Enrollment period**NR**Setting:**4 urban prenatal clinics**Funding:**Grant (Federal)**Author industry relationship disclosures:**1/6**Study Design :**RCT**Blinding:** Research staff blinded to brief intervention status | **Intervention:**A computer-delivered 5As brief intervention (CD-5As)Computer assisted, simplified low intensity contingency management (CM-Lite)**Intervention provider:**Research assistants**Intervention setting:**Prenatal clinic**Comparator:**Treatment as usual from prenatal care providers and non-smoking intervention computer videos.**Followup:**10 weeks **Groups:****G1:** Combined (CD-5As + CM-Lite)**G2:** CD-5As**G3:** CM-Lite**G4:** Usual care | **Inclusion criteria:*** Age 18 or older
* No further than 27 weeks gestation
* Reported smoking in the past week while pregnant

**Exclusion criteria:*** Unable to understand spoken English

**Enrollment, %:****G1:** 30 **G2:** 26**G3:** 28**G4:** 26**Followup, %:****G1:** 26**G2:** 23**G3:** 22**G4:** 23**Age, mean years ± SD:****G1:** 27.7 ± 6.1**G2:** 25.8 ± 4.8**G3:** 29.3 ± 6.7**G4:** 28.5 ± 7.5**Education:**NR**Gestation, weeks >20, n (%):****G1:** 8 (26.7)**G2:** 7 (26.9)**G3:** 14 (50.0)**G4:** 7 (26.9)**Insurance status:**NR**Parity:**NR**Partner status:**NR**Partner smoking status:**Lives with a smoker**G1:** 21 (70.0) **G2:** 15 (57.7)**G3:** 15 (53.6)**G4:** 19 (73.1)**Race/ethnicity, n (%):**Black**G1:** 27 (90.0)**G2:** 24 (92.3)**G3:** 21 (75.0)**G4:** 18 (69.2)**Socioeconomic status:**NR**Smoking history:**NR | **Maternal smoking status**Number of cigarettes per day in past week, mean ± SD:**G1:** 8.3 ± 9.6**G2:** 7.6 ± 7.4**G3:** 8.3 ± 5.8**G4:** 7.6 ± 9.6Exhaled carbon monoxide ≥4 ppm, n (%):**G1:** 15 (50.0)**G2:** 15 (57.7)**G3:** 17 (60.7)**G4:** 17 (65.4)Fagerstrom test for nicotine dependence score ≥4, n (%):**G1:** 20 (66.7)**G2:** 11 (42.3)**G3:** 14 (50.0)**G4:** 13 (50.0) | **Maternal smoking status**Abstinence at 10 weeks post-randomization (7-day point prevalence plus carbon monoxide validation), n (%)**G1:** 5 (19.2) **G2:** 7 (30.4)**G3:** 2 (9.1)**G4:** 2 (8.7)**G1 vs. G4:** OR=2.5 (95% CI: 0.4 to 14.4)**G2 vs. G4:** OR=4.6 (95% CI: 0.84 to 25.2)**G3 vs. G4:** OR=1.1 (95% CI: 0.1 to 8.2)Abstinence at 10 weeks post-randomization (30-day abstinence plus carbon monoxide validation), n (%)**G1:** 5 (19.2) **G2:** 6 (26.1)**G3:** 2 (9.1)**G4:** 1 (4.3)Relapse: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 |