**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 ± 9.6  Exhaled 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:  Low  Allocation concealment:  Low  Selective reporting:  Low  Blinding patients/personnel:  Low  Blinding outcome assessment:  Low  Incomplete outcome reporting:  Low  Other:  Low |