**Table H17. Evidence table (Reference ID #463)**

| Study Description | Intervention(s)/ Comparator(s) | Patient Population | Baseline Measure(s) | Outcome Measure(s) | Quality |
| --- | --- | --- | --- | --- | --- |
| **Author:**  Albrecht et al., 2006  **Country:**  USA  **Enrollment period:**  NR  **Setting:**  5 hospital-based and 2 community based prenatal clinics  **Funding:**  Grant (Federal)  **Author industry relationship disclosures:**  NR  **Study Design:**  RCT  **Blinding:**  None | **Intervention:**  *Teen FreshStart (TFS):* 8-week group smoking abstinence program with peer buddy, peer co-leader, group setting, individual support, peer modeling, and peer sanctions to promote smoking cessation  *Teen FreshStart- Buddy (TFS-B):* TFS plus participants required to bring a nonsmoking female of similar age (buddy) to sessions.  **Intervention provider:**  PhD or masters level registered nurse  **Intervention setting:**  Antenatal clinic or community site  **Comparator:**  Usual care  **Followup:**  8 weeks post randomization (end of intervention) and 1 year post study entry  **Groups:**  **G1:** TFS  **G2:** TFS-B  **G3:** Usual care | **Inclusion criteria:**   * Pregnant teens aged 14 to 19 years * 12 to 28 weeks gestation * Able to read, write and understand English * Smoking at least one cigarette per day * Single marital status * No previous live births * Capable of being reached by telephone   **Exclusion criteria:**   * Signs of pregnancy complications * Required home confinement by physician * Development of pregnancy complications after enrollment cause for removal   **Enrollment, n:**  **G1:** 47  **G2:** 45  **G3:** 50  **Followup, n:**  Completed intervention  **G1:** 32  **G2:** 38  **G3:** 41  Completed 1-year followup  **G1:** 27  **G2:** 24  **G3:** 30  **Age, mean years ± SD:**  **G1:** 16.73 ± 1.05  **G2:** 17.02 ± 1.34  **G3:** 16.95 ± 1.35  **Education, n (%):**  6th grade  **G1:** 1 (2.1)  **G2:** 0  **G3:** 0  7th grade  **G1**: 0  **G2:** 0  **G3:** 3 (6.0)  8th grade  **G1:** 3 (6.4)  **G2:** 4 (8.9)  **G3:** 3 (6.0)  9th grade  **G1:** 12 (25.5)  **G2:** 13 (28.9)  **G3:** 4 (8.0)  10th grade  **G1:** 9 (19.1)  **G2:** 12 (26.7)  **G3:** 13 (26.0)  11th grade  **G1:** 7 (14.9)  **G2:** 5 (11.1)  **G3:** 14 (28.0)  12th grade  **G1:** 5 (10.6)  **G2:** 7 (15.6)  **G3:** 5 (10)  GED  **G1:** 1 (2.1)  **G2:** 2 (4.4)  **G3:** 6 (12.0)  **Gestation, mean weeks ± SD:**  **G1:** 19.49 ± 7.25  **G2:** 19.43 ± 6.95  **G3:** 20.31 ± 7.44  **Insurance status:**  NR  **Parity:**  NR  **Partner smoking status:**  NR  **Race/ethnicity, n (%):**  White  **G1:** 24 (51.1)  **G2**: 24 (53.3)  **G3:** 22 (44.0)  Black  **G1:** 18 (38.3)  **G2:** 17 (37.8)  **G3:** 21 (42.0)  Other  **G1**: 3 (6.4)  **G2:** 2 (4.4)  **G3:** 2 (4.0)  **Socioeconomic status:**  Annual household income, n (%)  Less than $5,000  **G1:** 6 (12.8)  **G2:** 12 (26.7)  **G3:** 10 (20.0)  $5,000 to $14,999  **G1:** 3 (6.4)  **G2:** 7 (15.6)  **G3:** 8 (16.0)  $15,000 to $24,999  **G1:** 7 (14.9)  **G2:** 1 (2.2)  **G3**: 0  $25,000 to $34,999  **G1:** 1 (2.1)  **G2**: 2 (4.4)  **G3:** 1 (2.0)  $35,000 to $44,999  **G1:** 1 (2.1)  **G2:** 1 (2.2)  **G3:** 0  $45,000 to $60,000  **G1:** 1 (2.1)  **G2:** 0  **G3**: 0  Do not know  **G1:** 23 (48.9)  **G2:** 16 (35.6)  **G3:** 25 (50.0)  **Smoking history:**  Family smokers, mean number ± SD  **G1:** 2.36 ± 2.60  **G2:** 2.09 ± 1.86  **G3:** 2.13 ± 2.45  Started smoking, mean age ± SD  **G1:** 13.82 ± 1.50  **G2:** 13.40 ± 1.96  **G3:** 12.88 ± 2.44  Cigarettes per day before pregnancy, mean ± SD  **G1:** 14.08 ± 7.22  **G2:** 14.62 ± 9.72  **G3:** 15.75 ± 10.38 | **Maternal smoking status**  Number of cigarettes per day, mean ± SD:  **G1:** 7.04 ± 4.38  **G2:** 7.31 ± 4.52  **G3:** 6.76 ± 5.00 | **Maternal smoking status**  Change in smoking behavior (short term), OR (95% CI) p-value  **G3 vs. G1:** 2.106 (0.542 to 8.191) p=0.158  **G3: vs. G2:** 3.730 (1.001 to 13.893) p=0.010  **G1 vs. G2:** 1.771 (0.549 to 5.708) p=0.208  Change in smoking behavior (long term), Exp (β) (95% CI) p-value  **G3 vs. G1:** 1.260 (0.296 to 5.370) p=0.681  **G3: vs. G2:** 0.599 (0.108 to 3.312) p=0.440  **G1 vs. G2:** 0.476 (0.089 to 2.550) p=0.254  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 |