**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:** 41Completed 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:** 07th 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**: 0Do 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 ± 2.44Cigarettes 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=0.208Change 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=0.254Relapse: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 |