**Table H5. Evidence table (Reference ID# 58)**

| Study Description | Intervention(s)/ Comparator(s) | Patient Population | Baseline Measure(s) | Outcome Measure(s) | Quality |
| --- | --- | --- | --- | --- | --- |
| **Author:**Phillips et al., 2012**Country:**USA**Enrollment period:** May 2009 toFebruary 2010 **Setting:** Academic hospital neonatal intensive care unit**Funding:**Grant (AAP Richmond Center, Flight Attendant Medical Research Institute, and March of Dimes)**Author industry relationship disclosures:**None (0/6)**Study Design:** RCT**Blinding:** Salivary cotinine levels assessed by blinded investigator | **Intervention:**Enhanced support of mother-infant bonding with materials (videos, pamphlets, books and DVDs) during newborn hospitalization plus weekly encouragement to remain smoke-free and breastfeeding support, handouts on danger of secondhand smoke**Intervention provider:**Neonatologist**Intervention setting:**NICU**Comparator:**Weekly encouragement to remain smoke free and routine breast feeding support, handouts on danger of secondhand smoke**Groups:****G1:** Intervention**G2:** Control**Followup:**8 weeks postpartum | **Inclusion criteria:** * Mothers of infants admitted to NICU who used tobacco during or within 1 year before pregnancy
* Not currently smoking

**Exclusion criteria:** * Mothers of infants admitted at greater than 1 week of age or with an expected length of stay less than 1 week
* Mothers who had never smoked or who smoked at time of delivery
* Used illicit drugs
* Unavailable (incarceration, adoption or surrogacy)
* Non English speakers

**Enrollment, n:** **G1:** 24 **G2:** 30**Followup, n (%):** **G1:** 21 (87.5)**G2:** 28 (93.3)**Age, mean years ± SD:****G1:** 24 ± 5**G2:** 24 ± 5**Education, %:**High school/vocational**G1:** 81**G2:** 86College graduate**G1:** 19**G2:** 14**Gestation, weeks:**NA**Insurance status, %:**Medicaid**G1:** 52**G2:** 82Private**G1:** 48**G2:** 18**Parity:**NR**Partner status, %:**Has partner**G1:** 81**G2:** 82**Partner smoking status:**Smoker in home, % **G1:** 48**G2:** 32**Race/ethnicity, %:**Caucasian**G1:** 67**G2:** 68Hispanic**G1:** 19**G2:** 14African-American**G1:** 9**G2:** 18Other**G1:** 5**G2:** 0**Smoking history:**Smoked, mean years ± SD**G1:** 5 ± 4**G2:** 7 ± 5 | **Maternal smoking status**Number of cigarettes per day:NAQuit smoking, %:Before pregnancy**G1:** 33**G2:** 35First trimester**G1:** 52**G2:** 57Second trimester**G1:** 5**G2:** 4746Third trimester**G1:** 10**G2:** 4 | **Maternal smoking status**Relapse prevention at 8 weeks postpartum, %:**G1:** 81**G2:** 46**G1 vs. G2:** p<0.001**Child/infant outcomes:**NR**Adverse events:**NR | **Overall quality:**Good**Risk of bias**Randomization:Low Allocation concealment:Low Selective reporting:LowBlinding patients/personnel:LowBlinding outcome assessment:LowIncomplete outcome reporting:LowOther:Low |