**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 to  February 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:** 86  College graduate  **G1:** 19  **G2:** 14  **Gestation, weeks:**  NA  **Insurance status, %:**  Medicaid  **G1:** 52  **G2:** 82  Private  **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:** 68  Hispanic  **G1:** 19  **G2:** 14  African-American  **G1:** 9  **G2:** 18  Other  **G1:** 5  **G2:** 0  **Smoking history:**  Smoked, mean years ± SD  **G1:** 5 ± 4  **G2:** 7 ± 5 | **Maternal smoking status**  Number of cigarettes per day:  NA  Quit smoking, %:  Before pregnancy  **G1:** 33  **G2:** 35  First trimester  **G1:** 52  **G2:** 57  Second trimester  **G1:** 5  **G2:** 4746  Third 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:  Low  Blinding patients/personnel:  Low  Blinding outcome assessment:  Low  Incomplete outcome reporting:  Low  Other:  Low |