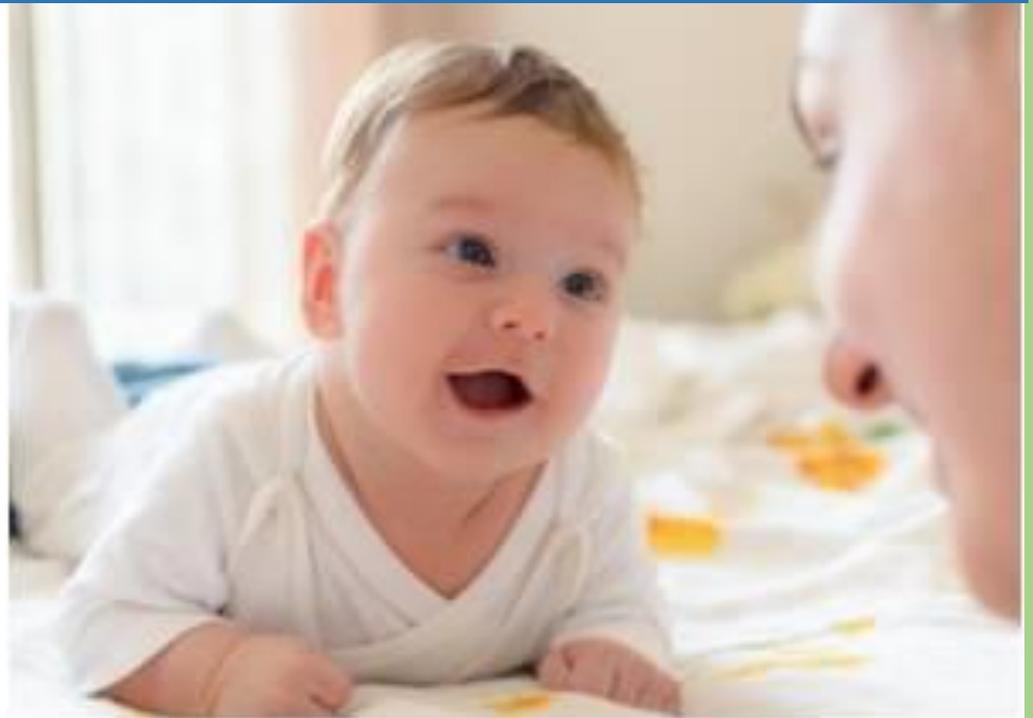


2017

Breastfeeding and Safe Sleep Evidence-Based Practices Guidance Document



IPQIC Governing Council
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Breastfeeding and Safe Sleep Evidence-Based Practices Health Care Provider Guidance Document

Increased breastfeeding in combination with safe sleep practices will reduce the infant mortality and morbidity and both should be supported by all health care providers in Indiana. Introductions to these important health behaviors should begin as soon as prenatal care is initiated. Continued education and follow-up throughout pregnancy and the infant's first twelve months will enhance compliance and outcomes.

Goals:

1. To promote a standard policy for all health care providers in the state of Indiana for the practice of breastfeeding in conjunction with safe sleep to optimize the health and safety of Indiana's infants.
2. To establish guidelines for providers regarding methods for counseling families on how to breastfeed successfully, while still practicing safe sleep at all times.
3. To ensure families across Indiana have information and necessary resources to achieve success in both breastfeeding and adherence to safe sleep guidelines.

Rationale:

The Center for Disease Control listed Indiana as 5th in the nation in unintentional infant deaths in 2015, the majority of which are due to unsafe sleep practices. Breastfeeding has been found to have a protective effect on infant morbidity and mortality by decreasing the risk of hospitalization in the first year of life, the development of chronic health conditions, as well as the occurrence of Sudden Unexpected Infant Death (SUID) by at least 50%. All health care providers are encouraged to follow the American Academy of Pediatrics (AAP) Recommendations for Safe Infant Sleeping Environment. In addition, all health care providers should promote the AAP recommendations for exclusive breastfeeding throughout the first 6 months of life and continued breastfeeding through 12 months of age, or longer if desired by the family. This document provides a template for health care providers to incorporate ongoing support of breastfeeding while following safe sleep guidelines, beginning in the prenatal period through the first 12 months of life.

Definitions:

Infant: A child aged 12 months or younger.

The ABC's of Safe Sleep: The practices recommended by the American Academy of Pediatrics to decrease an infant's risk of SUID and SIDS may be summarized as below.

1. A= All by myself: The baby may not sleep in the hospital bed with a sleeping parent.
2. B= on my Back: infants should be placed to sleep on their backs, never on their stomachs.
3. C=in my Crib: Parents should be instructed on placing baby to sleep in a bassinet next to mother's bed for every sleep. The bassinet must be free of any loose objects and contain only the baby, dressed in appropriate sleep attire or a sleep sack. The bassinet should remain flat.

Bed sharing or cosleeping: The practice of a parent, sibling or other individual sleeping together with the infant on a shared sleep surface, i.e., a bed, sofa, recliner, etc. (not recommended).

Room sharing: Sleeping arrangement in which the infant is in the same room with the mother/caregiver, but not on the same sleep surface (recommended).

SUID: (Sudden Unexpected Infant Death) death of an infant less than 1 year of age that occurs suddenly and unexpectedly, and whose cause of death is not immediately obvious before investigation and may be due to SIDS, Accidental Strangulation and Suffocation in bed (ASSB) or an unknown cause.

SIDS: Sudden Infant Death Syndrome- the sudden death of an infant less than 1 year of age that cannot be explained after a thorough investigation is conducted, including a complete autopsy, examination of the death scene, and a review of the clinical history.

Mother-Baby Unit: The hospital unit where postpartum mothers and newborns are cared for together, encompassing level I newborn care.

NICU: Neonatal Intensive Care Unit- a level II, III or IV nursery that cares for newborns requiring more than routine newborn care.

Breastfeeding and Safe Sleep Promotion in the Prenatal Period

It is recommended that:

1. Obstetric Providers begin anticipatory guidance discussions at the first prenatal visit. This guidance includes information on the benefits of breastfeeding and its protective effect against SUID. In addition, discussion of AAP recommendations for infant safe sleep occurs at this visit, allowing parents time to prepare for their infants' arrival.

2. OB providers review this information with the expectant mother at each subsequent prenatal visit.
3. Screening for barriers to both breastfeeding and safe sleep be done no later than 24 weeks EGA, or at first prenatal visit. Mothers in need of assistance are referred at this time to relevant providers or community partners for breastfeeding support or receipt of a portable crib or similar item. (See Appendix 3 for links to Community Resources)
4. Prenatal offices are aware of local community resources available in their community for home visits for new mothers, as well as their deadlines for referrals.

Breastfeeding and Safe Sleep Promotion in the Mother-Baby Unit

It is recommended that:

1. All hospitals that care for newborns have a policy on the promotion of breastfeeding.
2. All hospitals that care for newborns have a policy on infant safe sleep practices in the hospital.
3. The breastfeeding policy and safe sleep policies integrate to allow promotion of both practices simultaneously as outlined in this document.
4. All maternity staff receive yearly education on the importance and management of both breastfeeding and safe sleep. All maternity staff are trained in the promotion and teaching of breastfeeding and safe sleep practices to new families.
5. All families receive education in the hospital on the initiation and management of breastfeeding, safe sleep practices in the hospital, and the incorporation of breastfeeding with safe sleep practices in their home.
6. All hospitals promote early skin-to-skin contact in the delivery room if mother is awake and able to respond to the infant and the dyad is medically stable. This skin-to-skin contact should continue for at least one hour after birth.
7. The initial breastfeed ideally occurs within the first hour of life in the well newborn.
8. Well newborns share a room with their mothers in the hospital. This allows mothers to learn and attend to baby's feeding cues, in addition to allowing the family to be engaged in all aspects of infant care. All families are educated on the ABC's of Safe Sleep. Families are also educated on recognizing their own tiredness, risks of falling asleep while holding the baby and how to request assistance.
9. Newborns are fed on demand with a goal of 8 – 12 feeds in a 24-hour period.
10. Lactation support is available to all new mothers in the hospital to perform expert care and guidance on the initiation and maintenance of breastfeeding.
11. All hospitals promote exclusive breastfeeding. If mother chooses to breastfeed, babies should receive no formula or other liquid unless medically indicated.
12. Breastfeeding newborns are not routinely given pacifiers during the newborn hospitalization.

13. Families are screened for a home safe sleep environment prior to hospital discharge. For families who do not have a safe sleep environment at home, a safe sleep infant bed is arranged for the family prior to discharge home. If a hospital is not able to provide a bed, such as a portable crib or playpen, they may utilize local community partners to provide such an item.
14. All newborns have a follow-up visit with their pediatric provider arranged for 24-48 hours following hospital discharge to ensure that breastfeeding is progressing appropriately, assess baby for any previously undiagnosed medical problems and reinforce the importance of safe sleep and breastfeeding practices within the home.
15. Hospitals provide all mothers with information about local community and hospital-based lactation support groups at the time of discharge.

Breastfeeding and Safe Sleep in the NICU:

It is recommended that:

1. All Hospital NICUs promote breastfeeding in NICU infants as soon as the infant is medically stable.
 - a. Mothers of NICU patients are encouraged to begin pumping as soon as she is medically able. Lactation consultation is provided to educate mom on the benefits of breastfeeding and breastmilk on premature and critically ill neonates (improved outcomes, decreased risk of necrotizing enterocolitis, improved immunity, etc.)
 - b. Donor milk is offered with mother's consent whenever possible, but particularly for preterm infants < 32 weeks or < 1500 grams, until maternal milk supply reaches adequate amounts.
 - c. As soon as infant is medically and developmentally able, he is put to the breast to begin feedings. When mother chooses to breastfeed, bottles will not be offered unless medically indicated or mother is unavailable.
2. NICUs begin practicing safe sleep well before discharge per AAP safe sleep guidelines.
 - a. At 32 weeks' gestation, infants who are medically stable are placed in a safe sleep environment for every sleep, following the ABC's of Safe Sleep. Medically unstable infants, such as those requiring respiratory support or narcotic weaning, are assessed at least weekly for ability to follow safe sleep recommendations
 - b. Please see separate Hospital Safe Sleep Policy for further details. (Appendix 1)
3. All mothers of NICU infants are counseled on the importance of continued breastfeeding and the protective effects on the health of premature infants. In addition, mothers are counseled about the increased importance of safe sleep in this age group, as premature infants have an increased risk of SUID and sleep related deaths.

4. Families are screened for a home safe sleep environment prior to hospital discharge. For families who do not have a safe sleep environment at home, a safe infant bed is arranged for the family prior to discharge home. If a hospital is not able to provide a bed, such as a portable crib or playpen, they may utilize local community partners to provide such an item.

Breastfeeding and Safe Sleep in Infants Readmitted to the Hospital

It is recommended that:

1. All hospitals that admit infants after discharge from the Mother-Baby Unit or NICU support breastfeeding practices while promoting safe sleep guidelines.
2. The mother-baby dyad is supported in maintaining their breastfeeding relationship. If baby is not able to orally feed due to illness, the mother is provided a breast pump. Breastmilk (either through breastfeeding or via bottle/enteral feeding tube) is provided as the preferred method of nutrition once the infant can resume feeding.
3. The ABC's of Safe Sleep are followed.
 - a. For more details, please see the separate policy on Hospital Safe Sleep Practices for both newborns and infants.
4. Families are screened for a home safe sleep environment prior to hospital discharge. For families who do not have a safe sleep environment at home, a safe sleep infant bed is arranged for the family prior to discharge home. If a hospital is not able to provide a bed, such as a portable crib or playpen, they may utilize local community partners to provide such an item.

Breastfeeding and Safe Sleep Support in the Primary Care Provider's Office

It is recommended that:

1. Primary care providers (PCP) for newborns and infants are knowledgeable on safe sleep guidelines and breastfeeding management. Both safe sleep and breastfeeding are equally encouraged at each well child visit starting with the first newborn visit.
2. PCP screen all families for safe sleep practices at home. If a family does not have a safe place for the infant to sleep, PCP refers to a local distribution site for a portable crib and safe sleep education. In addition, sleep sacks or sleepers are encouraged to avoid use of loose blankets.
 - a. PCP's discuss any potential barriers to practicing breastfeeding and safe sleep in the home with the family. If the family expresses conflict to this message or an inability to follow safe sleep recommendations, PCPs will discuss solutions with

the family to make the infant's sleeping environment as safe as possible (see appendix 2). PCPs will continue to educate the family on safe sleep recommendations as an important means of preventing SUID and SIDS.

Breastfeeding and Safe Sleep and the Community

It is recommended that:

1. Referral to appropriate resources within the medical home or local community partnerships such as home nursing, Healthy Families, or similar, be made when concern regarding achievement of safe sleep with breastfeeding arises.
2. Local community partnerships encourage continued breastfeeding and have skilled knowledge of safe sleep guidelines to facilitate achievement of both practices simultaneously.
3. WIC offices continue to encourage breastfeeding practices in accordance with AAP recommendations while supporting safe sleep practices when counseling mothers on breastfeeding.
4. Delivering hospitals offer ongoing lactation support to breastfeeding families, even after discharge from the Mother-Baby Unit, through breastfeeding support groups, individual follow-up visits, or referral to community partners.
5. Regulated child care providers in Indiana are required to follow the AAP Safe Sleep guidelines. Both regulated and unregulated child care providers educate all staff who care for infants on the AAP Infant Safe Sleep Guidelines, and ensure that they are practicing the AAP Infant Safe Sleep Guidelines while infants are in their care. In addition, staff education on supporting the breastfeeding family will be provided.

References –

1. Centers for Disease Control- Maternal Practices in Infant Care and Nutrition (MPINC) 2016. <http://www.cdc.gov/breastfeeding/data/mpinc/maternity-care-practices.htm>
2. Feldman-Winter, L. et. al. "Safe Sleep and Skin-to-Skin Care in the Neonatal Period for Healthy Term Newborns." *Pediatrics* 2016; 138 (3): e1-e10.
3. Task Force on Sudden Infant Death Syndrome. "SIDS and other sleep-related infant deaths: updated 2016 recommendations for a safe infant sleeping environment." *Pediatrics* 2016; 138 (5): 1-12.
4. Section on Breastfeeding. "Breastfeeding and the Use of Human Milk." *Pediatrics* 2012; 129 (3): e827 – e841.
5. Younger Meek, J. et al. "The Breastfeeding-Friendly Pediatric Office Practice." *Pediatrics* 2017; 139 (5): e1-e9.

6. Baby Friendly USA – Ten Steps to Successful Breastfeeding.

<http://www.babyfriendlyusa.org/about-us/baby-friendly-hospital-initiative/the-ten-steps>.

Appendix 1 – Sample Hospital Policy Promoting Breastfeeding and Safe Sleep Promotion in the Mother-Baby Unit

It is recommended that:

1. All maternity staff receive yearly education on the importance and management of both breastfeeding and safe sleep. All maternity staff should be trained in the promotion and teaching of breastfeeding and safe sleep practices to new families.
2. All families receive education in the hospital on the initiation and management of breastfeeding, safe sleep practices in the hospital, and the incorporation of breastfeeding with safe sleep practices in their home.
3. Skin-to-skin contact should be initiated in the delivery room if mother is awake and able to respond to the infant and the dyad is medically stable. This skin-to-skin contact should continue for at least 1 hour after birth.
 - a. Safe positioning during skin-to-skin care includes:
 - i. Baby's face can be seen
 - ii. Baby's head is in "sniffing" position
 - iii. Baby's nose and mouth are not covered
 - iv. Baby's head is turned to one side
 - v. Baby's neck is straight, not bent
 - vi. Baby's shoulders and chest face mother
 - vii. Baby's legs are flexed
 - viii. Baby's back is covered with blankets
 - ix. Mother-baby dyad is monitored continuously by staff in the delivery room and regularly on the postpartum unit.
 - x. When mother wants to sleep, baby is placed in bassinet or with another support person who is awake and alert.
 - b. Skin-to-skin contact may be done in the operating room following routine deliveries without complications. If not initiated in the OR, skin-to-skin care should be started in the recovery room.
 - c. All medical staff should be trained in close monitoring of newborns during skin-to-skin care. Frequent and repetitive assessments of the newborn's position, breathing, activity, color and tone should occur by trained staff during skin-to-skin contact. This must be documented in the medical record.
 - d. If baby required aggressive resuscitation (i.e. positive pressure ventilation), skin-to-skin care must be postponed until after the infant has been monitored

- and is deemed stable by medical providers. Newborns with additional risk (i.e. 5 min APGAR < 7 or other medical complications) must also be assessed carefully to ensure stability before initiation of skin-to-skin care.
4. The initial breastfeed should ideally occur within the first hour of life in the well newborn.
 5. Well newborns should room-in with their mothers in the hospital. This allows mothers to learn and attend to baby's feeding cues, in addition to allowing the family to be engaged in all aspects of infant care.
 - a. All families must be educated on the ABC's of Safe Sleep.
 - b. Mother must be educated about recognizing their own level of tiredness and the risks of falling asleep while holding their baby in the hospital bed, including the risks of the infant falling, and the risk of the infant suffocating.
 - c. Mothers must be encouraged to place the infant's bassinet right next to her own bed, to allow for ease of transfer to the mother for breastfeeding, as well as the ease of transfer back after the feeding. All mothers must be educated to continue this practice at home as well, to facilitate ease of feedings, and to ensure infant is sleeping safely. Having the infant near helps mothers respond to early feeding cues without having to sleep with the infant in the parent bed. The infant should be placed back in their bassinet at the end of the feeding if mother is returning to sleep.
 - d. Mother must be educated to either ask her support person or utilize her call light to call medical staff for help if she finds herself sleepy while holding her baby.
 - e. Mother's support person(s) must be educated to be available to take the newborn from mom and place the newborn in the bassinet if mom becomes sleepy.
 - f. During the night and early morning hours, mother-baby dyads should be observed every 30-60 minutes to ensure safe sleep.
 - g. Postpartum units must be staffed no more than 3 dyads to 1 nurse so that nursing staff is always available to respond to a mother's request for help and continuously monitor dyads for safety. Nursing assistants or patient care assistants may be utilized to augment support for mothers.
 6. Newborns should be fed on demand with a goal of 8 – 12 feeds in a 24-hour period.
 7. Lactation support must be available to all new mothers in the hospital to perform expert care and guidance on the initiation and maintenance of breastfeeding.
 8. Exclusive breastfeeding should be promoted. If mother chooses to breastfeed, babies should receive no formula or other liquid unless medically indicated.
 9. Newborns should not be routinely given pacifiers during the newborn hospitalization, instead focusing on the baby being at the breast if rooting or showing feeding cues. Pacifiers may be used for painful procedures (i.e. circumcision or blood draws) or at mother's request after education is provided about possible interference with

breastfeeding success in the immediate newborn period. However, families should be instructed to consider introducing a pacifier at home once breastfeeding is well established (typically 2-3 weeks of age) as pacifiers have shown to be protective against SIDS.

10. Families must be screened for a home safe sleep environment prior to hospital discharge. For families who do not have a safe sleep environment at home, a safe infant bed should be arranged for the family prior to discharge home. If a hospital is not able to provide a bed, such as a baby box, portable crib or playpen, they may utilize local community partners to provide such an item.
11. All newborns must have a follow-up visit with their pediatric provider arranged for 24-48 hours following hospital discharge to ensure that breastfeeding is progressing appropriately, assess baby for any previously undiagnosed medical problems and reinforce the importance of safe sleep and breastfeeding practices within the home.
12. Hospitals should provide all mothers with information about local community and hospital-based lactation support groups at the time of discharge.

Appendix 2 – Breastfeeding and Safe Sleep Promotion Counseling Points for Families

It is recommended that:

1. Mothers should be encouraged to exclusively breastfeed (or offer their baby expressed breast milk) for the first 6 months of life, and then breastfeed with the addition of complementary foods through 1 year of life or longer if desired. Exclusive breastfeeding is most protective against SIDS; however, any breastfeeding is more protective than no breastfeeding.
2. Breastfeeding benefits include but are not limited to:
 - a. Perfect nutrition for the infant
 - b. Improved immunity to common illnesses such as Otitis Media and viral illnesses such as lower respiratory tract infections and diarrhea.
 - c. Decreased risk of chronic conditions such as asthma, allergies, leukemia, etc.
 - d. Protective effect against SUID
 - e. Improved bonding of mother-baby dyad
 - f. Decreased risk of maternal conditions such as postpartum depression, metabolic syndrome, type II diabetes, and breast and ovarian cancer.
3. Babies should share the same room, but not the same bed, as their parents. Ideally, this should occur for the first year of life, but at least for the first 6 months of life.
 - a. AAP infant safe sleep guidelines should be followed and include:

- i. A= All by myself. Infant should sleep in its own sleep space, never in a sleep space with another person. The baby should be in the parents' room until up to age 1 year, but at least for the first 6 months. However, the baby should NOT sleep in the parent bed.
- ii. B= on my Back: Infant should always be placed to sleep on her back, never on her stomach.
- iii. C= in my Crib: Infant should always sleep in a crib or similar sleep item (such as playpen or bassinet).
 - 1. The crib must be empty, and contain NO loose bedding, decorations, diapers, toys, etc.
 - 2. Pacifiers may be used once breastfeeding is well established, and may remain in the crib. Recent evidence shows a protective effect of their use.
 - 3. Swings, rock and plays, bouncy seats, car seats should NOT be used for routine sleep. Infants can become strangled by the straps, or slump, causing their airway to be compromised.
 - 4. The head of the bed must remain flat at all times.
- b. The newest AAP Guidelines acknowledge that mothers may occasionally fall asleep while breastfeeding their infant, particularly at night. While it is NOT recommended to sleep with your infant at any time, it is safer for the mother to fall asleep with her baby in her own bed rather than in an armchair or on a sofa. If a mother brings her baby into her bed to breastfeed, she should make the bed as safe as possible and remove all blankets, sheets and pillows that could obstruct baby's breathing or cause overheating. If a mother does fall asleep while breastfeeding her baby in bed, the baby should be returned to his/her own sleeping space (i.e. bassinet/crib) immediately when the mother wakes up.
- c. The risk of death from bed-sharing is significantly higher than baby sleeping in their own space. The following circumstances increase this risk even further:
 - i. Babies less than 4 months of age
 - ii. Bed-sharer smokes or mother smokes during pregnancy
 - iii. Bed-sharer is on sedating medications or substances (alcohol, illicit drugs)
 - iv. Beds-sharer is not the baby's parent
 - v. Bed-sharing on a soft surface (waterbed, couch, armchair)
 - vi. Bed-sharing with pillows/blankets
 - vii. Bed-sharing with other children present, such as twins or siblings.

Appendix 3 – Community Resources

For a list of up to date community resources, please refer to the Indiana Labor of Love's Website:

<http://www.in.gov/laboroflove/664.htm>

For a list of breastfeeding support in Indiana by county, refer to Indiana Perinatal Network's Website

http://www.indianaperinatal.org/?page=MF_Breastfeeding

For a list of licensed child care centers, refer to child care finder:

<http://www.childcareinder.in.gov>

For Industry Best standards for child care, refer to:

<http://www.cfoc.nrckids.org/>