

Safe Sleep vs. Breastfeeding: Why is this Issue still Controversial? Linda J. Smith, MPH, IBCLC



Background

- Over 75% of breastfeeding mothers bedshare with their babies at least part of the night.
- Exclusively breastfed babies have the lowest rates of Sudden Infant Death Syndrome (SIDS), sudden unexpected deaths in infancy (SUDI), and all-cause infant mortality in the United States and worldwide.

Objectives

- Describe unintended consequences of safe sleep messages that may result in increased risk to infants.
- Describe flaws and limitations in research studies that are used as the basis of safe sleep policies.
- Describe conflicts of interest related to SIDS, safe sleep and infant mortality groups.



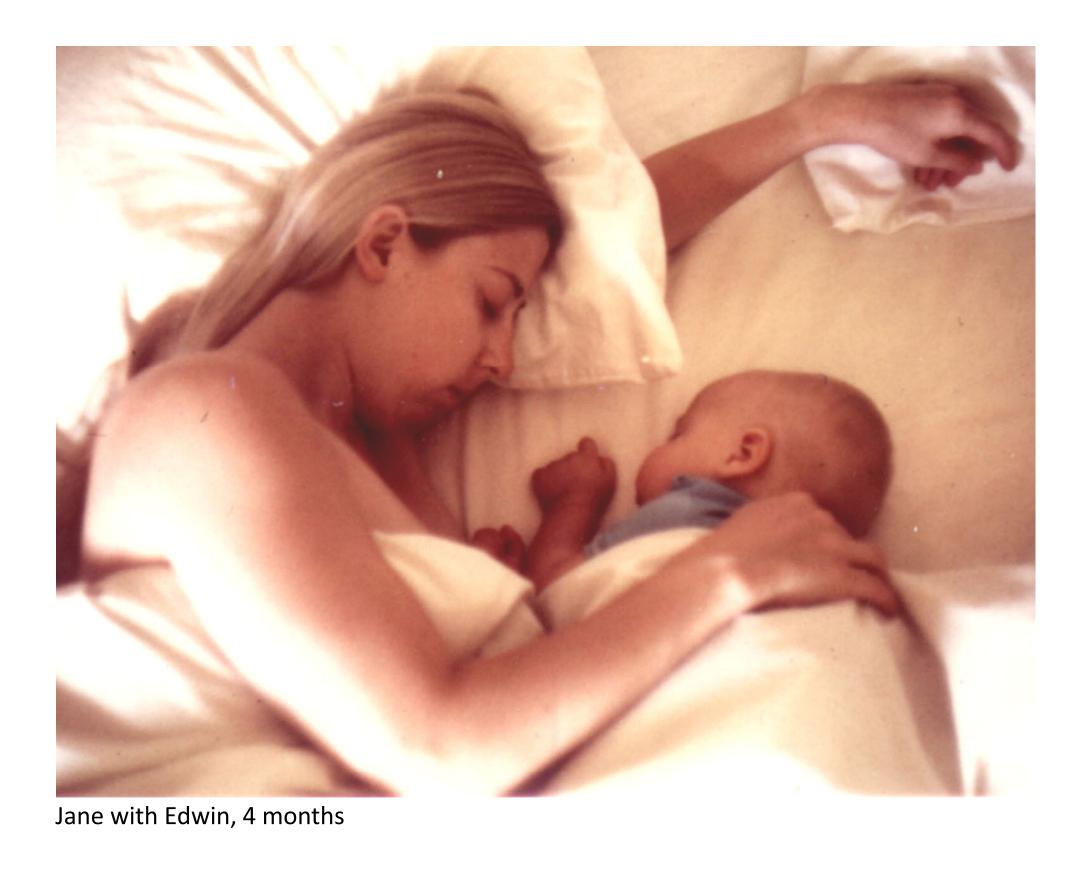
Kate with Ziven, 8 weeks

Methods

- Literature search using PubMed and Google Scholar for the terms "SIDS," "sudden infant death syndrome," "bedsharing," "cosleeping," "breastfeeding," "unintended consequences" and "sleeprelated deaths."
- Monitoring of internet, social media sites and parenting publications from January 2003 through October 2013.
- Examination of SIDS-support, crib distribution, and safe sleep internet sites; national, state and local SIDS and safe sleep initiatives; published policies and position statements of international, national, and state professional associations and public health agencies relevant to maternal-child health.

Results

- Bedsharing and breastfeeding are closely linked. "Longer duration of bedsharing, indicated by a larger cumulative bedsharing score, was associated with a longer duration of any breastfeeding."¹
- Mothers use multiple arrangements and strategies to manage sleep and continue breastfeeding.²
- SIDS and smothering are two different entities, but are used interchangeably in some research studies. For example: "Given the risk of sudden infant death syndrome related to bedsharing, multipronged strategies to promote breastfeeding should be developed and tested." 1
- SIDS is not related to bedsharing: the most central risk factors for SIDS are maternal smoking during pregnancy³, prone position⁴, formula feeding⁵, and non-proximity to a responsible caretaker during sleep⁶.
- Infant smothering deaths are most commonly associated with couches, alcohol or drug use in the bedpartner, or sleeping with non-parents.
- Statements that suggest that "bedsharing is lethal" may be dismissed or ignored by minorities⁷ and nursing mothers. When an adult bed is thought to be dangerous, mothers tend to use unplanned surfaces, especially sofas which pose a greater risk for smothering. ^{8,9,10,}
- Inconsistent, missing and confusing definitions were found. For example:
 "Bed sharing was defined as a shared sleep surface consisting of either a bed or sofa."¹¹
- Studies failed to include independent documented variables including Infant feeding method which was inconsistently reported; alcohol use in bed partners which was missing or extrapolated¹²; and smoking during pregnancy or in the household which was not consistently reported.
- Evidence of formula-industry funding was found on some SIDS-reduction groups web sites (First Candle and CJ SIDS foundation), and SIDS researchers' publications:
 - Moon, R. Y., Oden, R. P., & Grady, K. C. (2004). Back to Sleep: an educational intervention with women, infants, and children program clients. *Pediatrics*, 113(3 Pt 1), 542-547. This work was supported by a grant from the Gerber Foundation
 - Moon, R. Y., Sprague, B. M., & Patel, K. M. (2005). Stable Prevalence but Changing Risk Factors for Sudden Infant Death Syndrome in Child Care Settings in 2001. *Pediatrics*, 116(4), 972-977. *This study was funded by a grant from the Gerber Foundation*
 - Moon, R. Y., Tanabe, K. O., Yang, D. C., Young, H. A., & Hauck, F. R. (2012). Pacifier use and SIDS: evidence for a consistently reduced risk. *Maternal Child Health Journal, 16*(3), 609-614. *doi: 10.1007/s10995-011-0793-x*This study was supported by HRSA grant 1R40MC08963-01 and by funding from First Candle. First Candle Partners: The 2007 Albertsons Campaign: A Partnership Between Albertsons, Gerber Products Company, Johnson & Johnson, Procter & Gamble and Ross Products Division; Gerber Products Company; HALO Innovations, Inc.; Juvenile Products Manufacturers Association, Inc.; Simmons; KidsToy Industry Association, Inc. Retrieved on 9/19/2012 from www.firstcandle.org/about/partners/private-partners/general-contributions/





Sue with Joey, 3 mont

Discussion & Recommendations

- Responsible parents are caught between two public health agendas: Safeguarding (prevention of harm) vs. Well-being (promotion of health including breastfeeding).
- Breastfeeding initiatives mostly lack "safe bedsharing" guidelines.
- Infant-mortality and SIDS-reduction initiatives fail to name formula as a SIDS risk factor. California Department of Public Health's policy could be used as a national model.
- There is an urgent need for AAP and other public health associations and agencies to develop safe bedsharing guidelines that acknowledge different risk factors for breastfeeding, nonsmoking, sober mothers, and communicate these widely.
- Stakeholders must work together and acknowledge parent's rights to full information on safety that supports their individual family needs.
- Safe bedsharing, increasing breastfeeding, and reducing SIDS and SUDI are compatible goals.¹³

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