

Nebraska Certified Nurse-Midwifery Interim Study Data

Findings of State Review:

- A majority of U.S. States have no statutes or Rules and Regulations (R&Rs) pertaining uniquely to Certified Nurse-Midwife (CNMs) attendance at home birth, with exception of the following:
 - South Dakota
 - Out-of-Hospital Waiver
 - Practice provisions listed in R&Rs
 - <http://doh.sd.gov/boards/nursing/assets/CNMWaiverforOutOfHospitalBirth.pdf>
 - New Mexico
 - 16.11.2.10 A “Practice guidelines for home births should be informed by the "ACNM home birth practice handbook"
 - <http://www.nmcpr.state.nm.us/nmac/parts/title16/16.011.0002.htm>
 - New Hampshire:
 - Not in Statute or R&Rs: Mentioned in communications with home birth CNMs as a “Suggestion” for transfer documentation as a reporting mechanism.
 - <http://www.nnepqin.org/> This is a summary/reporting sheet that midwives can use during a transport if they do not have a similar document.
- State CNM licensing requirements were consistent across practice settings, with exception of
 - South Dakota:
 - Requires a Written Collaborative Agreement, but this may be waived for CNMs practicing out-of-hospital (e.g. home or birth center).
 - Waiver request must be submitted with license application and updated upon license renewal (see link above).
- *Items pertaining to birth attendants in any setting, applied to home birth CNMs (e.g. Birth Certificate Filing; newborn screenings for metabolic, Critical Cardiac Heart Defect, hearing etc; etc). These items were not repeated in Statutes or R&Rs in relation to CNMs attending home births.*

Suggestions:

- Statute Revisions
 - Revise current statute to replace American College of Nurse-Midwives regarding certification to American Midwifery Certification Board. (ACNM sold the certification process to AMCB many years ago, and NE APRN-CNM statute has yet to be updated).
- Statute or Rules & Regulations Revisions
 - Home Birth Practice should be informed by standards set by the American College of Nurse-Midwives (similar to New Mexico provision)
 - *2006 Edition Included. Currently under revision by the ACNM Home Birth Section to reflect current practice recommendations, joint statements with other organizations, and other statements from related organizations. Update publication expected in 2014.*

- Rules & Regulations Revisions Regarding CNMs attending Home Births
 - Add requirement for: Full NRP Certification or Equivalent certification for immediate newborn care.
 - *This would be an expectation of any CNM attending births in hospitals and birth centers.*
 - *It is included in the ACNM Home Birth Hand Book.*
 - Add: “Ensure all items/provisions needed to perform a full resuscitation are present when delivery/birth is anticipated”

Respectfully Submitted by:

Heather Swanson, DNP, CNM, MSN, IBCLC

December 20, 2013

Bibliography

Home Birth Summit 2011 & 2013:

“Senior members from the following maternity care and health organizations have been working together since 2009 as a Vision Team to plan and organize this national consensus summit: [AABC](#), [AAFP](#), [AAP](#), [ACNM](#), [ACOG](#), [AWHONN](#), [Childbirth Connection](#), [ICTC](#), [Lamaze](#), [MANA](#), [NACPM](#), [Our Bodies Ourselves](#).”
<http://www.homebirthsummit.org/people/organizers/>

- Annotated Guide to Literature: http://www.homebirthsummit.org/wp-content/uploads/2013/11/HomeBirth_AnnotatedGuideToTheLiterature.pdf
- <http://www.homebirthsummit.org/summits/vision/statements/>

Home birth Summit Annotated Bibliography is detailed and contains documents utilized during the Home Birth Summit. The following bibliography, some with annotations, contains additional documents though some are repeated. These documents informed the recommendations in this prepared submission and are for the convenience of other reviewers. Full documents can be provided upon request of H. Swanson.

American Academy Pediatrics (2013, April). Planned Home Birth. *Pediatrics*, 131(5), 1016-1020.

<http://pediatrics.aappublications.org/content/131/5/1016.full.pdf>

Supports ACOG’s 2011 home birth statement. Supports care provided by CNMs. Recommends home births be attended by two people able to provide NRP, with one having skill, training, and equipment to perform a full resuscitation per NRP standards.

American College of Obstetricians and Gynecologists. (2011). Committee Opinion Number 476. Planned Home birth. *Obstetrics and Gynecology*, 117. 425–428. (Reaffirmed 2013)
http://www.acog.org/Resources_And_Publications/Committee_Opinions/Committee_on_Obstetric_Practice/Planned_Home_Birth

Affirms ACOG Home Birth Committee's belief that hospital and birthing centers are the safest birth setting, but notes respect for women making informed decisions. Recognizes CNMs as a provider type that should be available at a planned home birth (other providers being physicians and Certified Midwives. CMs are also certified by AMCB and have equivalent practice to CNMs).

American College of Nurse-Midwives and ACOG. (2011, February). *Joint statement of practice relations between obstetricians-gynecologists and certified nurse-midwives/certified midwives*.
<http://www.midwife.org/ACNM/files/ACNMLibraryData/UPLOADFILENAME/00000000224/ACNM.ACOG%20Joint%20Statement%203.30.11.pdf>

ACNM. (2003). ACNM Clinical Bulletin Number 7. Criteria for provision of home birth services. *Journal of Midwifery and Women's Health*, 48(4), 299-301.

ACNM. (2006). *Home birth hand book*. Silver Springs, MD.

Revision expected 2014. Item often referenced as guideline for CNMs attending home births.

ACNM. (2009). *Clinical Practice Guidelines*. Quickinfo. Silver Springs, MD

ACNM. (2011). *ACOG committee opinion on planned home birth: opening the door to collaborative care*. Issue Brief. <http://www.midwife.org/index.asp?bid=59&cat=7&button=Search&rec=92>

ACNM's response to ACOG's 2011 updated committee opinion on home birth.

ACNM. (2011). *Home birth*. Position Statement.

<http://www.midwife.org/ACNM/files/ACNMLibraryData/UPLOADFILENAME/00000000251/Home%20Birth%20Aug%202011.pdf>

Recognizes home birth as a birth location option for women and home birth being within the CNM scope of practice.

ACNM, ACME, & AMCB. (2011). *Midwifery in the United States and the consensus model for APRN regulation*. White Paper.

http://www.midwife.org/ACNM/files/ccLibraryFiles/Filename/000000001458/LACE_White_Paper_2011.pdf

Anderson, R. & Murphy, P. (1995). Outcomes of 11,788 planned home births attended by certified nurse-midwives: A retrospective descriptive study. *Journal of Nurse-Midwifery*, 483–507.

Article reported on survey results that a majority of births were attended by midwives without current NRP certification, oxygen, or birth assistant. This is inconstant with ACNM standards and suggests need for states to recognize standards established by ACNM in statute or R&Rs for standard setting, safety assurance, and accountability purposes.

Cox, K. J., Schlegel, R., Payne, P., Teaf, D. and Albers, L. (2013), Outcomes of Planned Home Births

Attended by Certified Nurse-Midwives in Southeastern Pennsylvania, 1983-2008. *Journal of Midwifery & Women's Health*, 58. 145–149. doi: 10.1111/j.1542-2011.2012.00217.x

Retrospective analysis of 1,836 planned home births attended by several CNMs to primarily Amish women. Of those 1,733 occurred at home. Safety profiles/outcomes found to be equal or better than those having a planned hospital delivery within the same population and risk factors.

Declercq, E. (2012). The politics of home birth in the United States. *Birth*, 39(4), 281-285.

Hodnett, E., Downe, S., Walsh, D., and Weston, J. (2010). Alternative versus conventional institutional settings for birth. *Cochrane Database of Systematic Reviews* (9):CD000012.

Institute of Medicine. (2013). An Update on Research Issues in the Assessment of Birth Settings- Workshop Summary. IOM website. <http://www.iom.edu/Reports/2013/An-Update-on-Research-Issues-in-the-Assessment-of-Birth-Settings.aspx>

Summit/review conducted by the IOM in 2013. Full document can be viewed or downloaded online. "Alternate birth settings have been associated with less intervention few complications, high transfer rates in some instances, and no difference in perinatal death rates." (pg, 151)

Janssen, P., Lee, S., Ryan, E., et al. (2002). Outcomes of planned home births versus planned hospital births after regulation of midwifery in British Columbia. *Canadian Medical Association Journal*, 166(3). 315-323.

MacDorman, M. F., Declercq, E. and Mathews, T.J. (2013), Recent Trends in Out-of-Hospital Births in the United States. *Journal of Midwifery & Women's Health*, 58: 494–501. doi: 10.1111/jmwh.12092

National birth certificate data analyzed found 40% increase from 2004-2010 in out-of-hospital birth (home birth and birth center) in the United States. 1:85 births in 2010 occurred out-of-hospital. Improvement of risk profile identified during that time as well (fewer low birth weight and preterm births). In 2010 0.34% of Nebraska births were home births, compared to 0.79% nationally. Four states (AL, LA, MO, NJ) have lower home birth rates than Nebraska.

Murphy, P., & Fullerton, J. (1998). Outcomes of intended home births in nurse-midwifery practice: a prospective descriptive study. *Obstetrics & Gynecology*, 92(3). 461-470.

Olsen, O., Jewell, M. D. (1998). Home versus hospital birth. *The Cochrane Database of Systematic Reviews*, Issue 3. Art. No.: CD000352. DOI: 10.1002/14651858.CD000352.

“Authors’ conclusions. There is no strong evidence to favour either planned hospital birth or planned home birth for low risk pregnant women.”

Osborne, K. (2011), Regulation of Prescriptive Authority for Certified Nurse-Midwives and Certified Midwives: A National Overview. *Journal of Midwifery & Women’s Health*, 56. 543–556.
doi: 10.1111/j.1542-2011.2011.00123.x

Article utilized for links to state’s CNM regulatory agencies.

Schuiling, K. D., Sipe, T. A. and Fullerton, J. (2013), Findings From the Analysis of the American College of Nurse-Midwives’ Membership Surveys: 2009 to 2011. *Journal of Midwifery & Women’s Health*, 58: 404–415. doi: 10.1111/jmwh.12064

Noted rising percentage of CNM attending home births: 2009 4.0%, 2010 4.2%, 2011 5.7%. (pg. 10/413)

Stapleton, S., Osborne, C. and Illuzzi, J. (2013), Outcomes of Care in Birth Centers: Demonstration of a Durable Model. *Journal of Midwifery & Women’s Health*, 58. 3–14. doi: 10.1111/jmwh.12003
Demonstrates outcomes, risk assessment, and safety of other out-of-hospital birth settings.
Standards for birth centers regarding birth supplies, provider certifications (Neonatal Resuscitation, BLS/CPR, etc), and birth assistants are similar to standards in ACNM Home Birth Hand Book.

Vedam, S., Stoll, K., Schummers, L., Rogers, J. and Paine, L. L. (2013), Home Birth in North America: Attitudes and Practice of US Certified Nurse-Midwives and Canadian Registered Midwives. *Journal of Midwifery & Women’s Health*. doi: 10.1111/jmwh.12076