



U.S. Department of Health and Human Services



Agency for Healthcare Research and Quality

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AHRQ Maternal Child Health Initiatives

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Secretary's Advisory Committee on Infant Mortality

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Overview of Presentation

- AHRQ's New Mission
- CUSP Program
- CUSP Perinatal Safety Program
- Results from NICU CUSP Program
- New Toolkit on NICU Transitions
- Other Resources Related to AHRQ Priorities



AHRQ's New Mission & Priorities

The Agency for Healthcare Research and Quality's (AHRQ) mission is to produce evidence to make health care safer, higher quality, more accessible, equitable, and affordable, and to work with the U.S. Department of Health and Human Services (HHS) and other partners to make sure that the evidence is understood and used.

AHRQ's New Priorities

- Produce Evidence To Improve Health Care Quality
- Produce Evidence To Make Health Care Safer
- Produce Evidence To Increase Access to Health Care
- Produce Evidence To Improve Health Care Affordability, Efficiency, and Cost Transparency



Priority #2: Make Healthcare Safer

AHRQ's patient safety research investigates the ways patients are harmed, why this harm occurs, and how to prevent it. AHRQ translates the results of this research into practical tools for providers to use in making health care safer. This priority has five focus areas, **one focused on MCH**.

Priority #2c: Reduce harm associated with obstetrical care.

AHRQ will use its TeamSTEPPS® program, established clinical protocols, and other approaches as the basis for reducing harm to mothers and babies.



Overview of CUSP Program

- The Comprehensive Unit-based Safety Program (CUSP) includes training tools to make care safer by improving the foundation of how clinical team members work together.
- It builds the capacity to address safety issues by combining clinical best practices and the science of safety.

- **Unique Features:** Customizable Toolkit
TeamSTEPPS[®]
in situ simulation



<http://www.ahrq.gov/professionals/quality-patient-safety/cusp/index.html>

http://www.wha.org/Data/Sites/1/pubarchive/news_releases/nr1-21-14qualityReport.pdf



Leveraging CUSP for Perinatal Safety

- Safety Program for Perinatal Care
- Contract Awarded April 1, 2012
- Currently in Pilot Testing – January 31, 2015

- **Key Elements**
 - ▶ CUSP Framework
 - Customizable Toolkit
 - TeamSTEPPS® baseline
 - *in situ* simulation
 - ▶ Large Scale Implementation
 - Testing with HENS and other systems
 - ▶ Expanded Clinical Topics
 - ▶ Integration of Federal Partners
 - ▶ Rigorous Outcome Measurement



Impact of Completed NICU CUSP Project



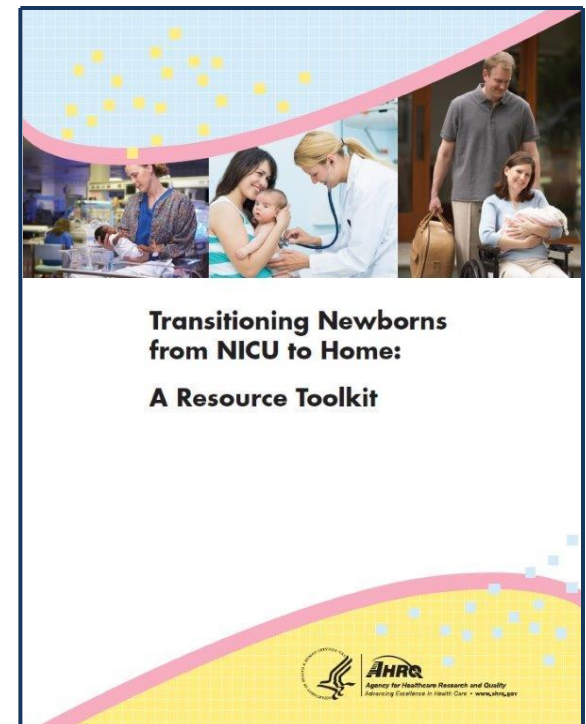
- Frontline caregivers in 100 NICUs reduced central line-associated bloodstream infections in 8,400 newborns by **58 percent**
- Effort Prevented (estimated):
 - ▶ 131 infections
 - ▶ up to 41 deaths
 - ▶ up to \$2 million in health care costs

www.ahrq.gov/qual/clabsi-neonatal

www.ahrq.gov/cusptoolkit

<http://www.ahrq.gov/professionals/quality-patient-safety/cusp/using-cusp-prevention/clabsi-neonatal/clabsineonatal.pdf>

- Online toolkit can help coordinate care from the NICU to home
- Outlines how to create a Health Coach Program to facilitate transitions
- Includes nearly 30 clinical fact sheets on common issues faced by caregivers of premature babies
- Customizable to meet individual family needs



www.ahrq.gov/nicutoolkit



Other Resources Related to AHRQ Priorities

- **Evidence-Based Reports**

www.EffectiveHealthCare.ahrq.gov

- ▶ *Recent Maternal Child Health Publications:* Management of Postpartum Hemorrhage (June 2014) and Smoking Cessation Interventions in Pregnancy and Postpartum Care (February 2014).

- **Healthcare Cost and Utilization Project (HCUP)**

<http://www.hcup-us.ahrq.gov/reports/statbriefs/statbriefs.jsp>

- ▶ *Recent Maternal Child Health Publications:* Complicating Conditions Associated With Childbirth by Delivery Method and Payer, 2011 (June 2014) and Trends and Projections in Inpatient Hospital Costs and Utilization, 2003-2013 (June 2014).

- **Medical Expenditure Panel Survey (MEPS)**

<http://meps.ahrq.gov/mepsweb/>

- ▶ *Recent Maternal Child Health Publication:* Health Care Expenditures for the Most Commonly Treated Conditions of Women Ages 18 to 39, 2009 (March 2013).



Questions for AHRQ



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