TIPQC: Safe to Sleep Project
Patti Scott, DNP, APRN, NNP-BC, C-NPT
TIPQC Infant Quality Improvement Specialist
National and State Data
The decline in sleep-related infant deaths has slowed since the late 1990s.

Nearly half of caregivers did not receive correct advice on safe sleep practices from healthcare providers. Caregivers who received correct advice were less likely to place their babies to sleep on their stomach or side.

National Data

UNSAFE SLEEP PRACTICES WITH BABIES ARE COMMON.

Race/Ethnicity
- Overall 22% Not Placing Baby on Back to Sleep
  - White 16%
  - Black 38%
  - Hispanic 27%
  - Asian or Pacific Islander 21%
  - American Indian or Alaska Native 20%

Age of Mother (years)
- Overall 61% Any Bed Sharing
  - 19 or less 30%
  - 20-24 28%
  - 25-34 19%
  - 35+ 19%

Overall 39% Any Soft Bedding
- 19 or less 49%
- 20-24 46%
- 25-34 36%
- 35+ 36%

Tennessee Department of Health Infant Mortality Dashboard

Tennessee Data

- https://data.tn.gov/t/Public/views/ChildFatalityDashboard/Infant-Sleep?iframeSizedToWindow=true&%3Aembed=y&%3AshowAppBanner=false&%3Adisplay_count=no&%3AshowVizHome=no&%3Aorigin=viz_share_link&%3Atabs=no&%3Atoolbar=no
Project Overview
State Project Leaders

• Anna Morad, MD – TIPQC Infant Medical Director
• Courtney Gutman, MD – Project Medical Director
• Theresa Scott – data support
• Operations Team – Brenda Barker, TIPQC Executive Director
  Patti Scott, Infant QI Specialist
Safe to Sleep: Global Project Aim

Increase Safe Sleep compliance in the hospital setting by 10% by March 2021 for infants 0-12 months of age.
Metric Level Aims

• Hospitals will develop and implement safe sleep policies in compliance with AAP guidelines. Policies will include guidelines for care in the newborn nursery and Special Care Nursery/Newborn Intensive Care Unit, as appropriate.

• Participating hospitals will train 100% of staff members who provide care to newborns.

• Hospitals will provide and document safe sleep education for all families admitted to participating units with 90% compliance.

• Hospitals will perform and document safe sleep audits monthly (preferable on the same day and time each month and under the care of different caregivers).
TIPQC: SAFE TO SLEEP

KEY DRIVER DIAGRAM

PROJECT AIM

- Increase Safe Sleep Compliance in the hospital setting by 10% by March 2021 for infants 0-12 months of age.

PRIMARY DRIVERS

- Follow the AAP recommendations for safe sleep
- Staff Education – physicians, nurses, respiratory therapy, and other members of the healthcare team
- Parent/Caregiver Education
- Environmental Management (proper supplies available to staff and families)

STRATEGIES

- Develop a policy (based on the AAP guidelines) inclusive of all hospital areas that provide care to newborns guidelines.
- Develop/provide education to all staff providing care to newborns
- Develop/provide education to all parents as part of their routine and discharge teaching
- Complete a minimum of 10 crib audits every month – review carefully the “noncompliant” audits for trends and develop strategies to address
Where Are We....

• 12 teams have joined or indicated that they will be joining (forming teams, gathering resources, policy, plan for audits)

• Project population: Newborn Nurseries or Neonatal Intensive Care Units

• Resources for teams:
  • National Association of Neonatal Nurses (NANN) – Safe Sleep Resource
  • AAP 2016 Recommendations in the tool kit
  • TN DOH resources– Safe sleep webpage

https://www.tn.gov/health/health-program-areas/fhw/vipp/safe-sleep.html
Where Are We.....

• Data collection starts in June
  • Redcap used for data collection and to review graphic results

• Each team will complete their own PDSA cycles
  • Educational interventions, crib cards, parent involvement, rounding tools, etc
  • Recurring team meetings at the facility to review progress
    • Troubleshooting, barriers, challenges, wins
Meetings

• Monthly huddles and statewide meetings
  • Huddles:
    • Review Redcap data for all teams
    • Share successes and challenges
    • Collaborative brainstorming
    • Discuss any literature updates
    • QI training
    • 1st Tuesday of each month (2nd huddle June 2)

• Statewide Meetings:
  • Learning Session in July
**Monthly Leadership Report**

*Safe to Sleep*

**Facility Name, Month and Year**

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<th>Charter</th>
<th>Team Members</th>
<th>Lessons Learned / Anecdotes</th>
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**Parent Involvement**

(Share examples of parent involvement)

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(Adapted from IHI)
Tool Kit
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<td>C – Suggestions for Completing the Monthly Audit</td>
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Data and Measures
**TIPQC SAFE SLEEP MONTHLY AUDITS**

**Audit guidelines:**
- Audits should be conducted monthly, preferably on the same day and time each month.
- Complete 10 audits for infants in your **unit that are eligible for safe sleep**. This includes infants rooming-in with their parent(s).
- Infants excluded from this audit include those <32 weeks gestation and/or medically unstable.
- The selection of eligible infants to audit should be as random as possible. Fitting the audits into your existing workflow is also recommended.
- If there are fewer than 10 eligible infants to audit, audit all eligible infants available across multiple consecutive days until 10 audits are reached.
- **If you have a NICU**, you may also complete 10 audits for Infants in your **NICU that are eligible for safe sleep**. If you do, please complete a separate audit sheet.

**Date of Audit:** __________   **Time of Audit:** __________   **Auditor:** ______________

| Audit No. | Infant Location: Newborn Nursery (NN) / NICU (NI) / Parent Room (PR) | Is infant compliant with the Safe Sleep recommendations? | Infant not supine | Head of bed elevated | Positioning devices being used | Unsafe bedding with thick or excess or poorly swaddled blankets | Additional objects in crib including toys, washcloth, or burp cloth, etc. | Bed sharing while parent asleep | Infant unattended while asleep not in crib | Other, please specify | If not compliant, was non-compliance addressed with caregiver (physician, nurse, parent) at time of audit? | Notes / Comments (Additional space available on back) |
|-----------|------------------------------------------------------------------------|--------------------------------------------------------|-------------------|----------------------|--------------------------------|---------------------------------------------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------------------------|-------------------------------------------------|
| 1         | NN / NI / PR                                                           | N / Y                                                  | ☑                 | ☑                    | ☑                              | ☑                                                             | ☑                               | ☑                           | ☑                           | ☑                              | ☑                                              | N / Y                                           |
| 2         | NN / NI / PR                                                           | N / Y                                                  | ☑                 | ☑                    | ☑                              | ☑                                                             | ☑                               | ☑                           | ☑                           | ☑                              | ☑                                              | N / Y                                           |
| 3         | NN / NI / PR                                                           | N / Y                                                  | ☑                 | ☑                    | ☑                              | ☑                                                             | ☑                               | ☑                           | ☑                           | ☑                              | ☑                                              | N / Y                                           |
| 4         | NN / NI / PR                                                           | N / Y                                                  | ☑                 | ☑                    | ☑                              | ☑                                                             | ☑                               | ☑                           | ☑                           | ☑                              | ☑                                              | N / Y                                           |
| 5         | NN / NI / PR                                                           | N / Y                                                  | ☑                 | ☑                    | ☑                              | ☑                                                             | ☑                               | ☑                           | ☑                           | ☑                              | ☑                                              | N / Y                                           |
| 6         | NN / NI / PR                                                           | N / Y                                                  | ☑                 | ☑                    | ☑                              | ☑                                                             | ☑                               | ☑                           | ☑                           | ☑                              | ☑                                              | N / Y                                           |
| 7         | NN / NI / PR                                                           | N / Y                                                  | ☑                 | ☑                    | ☑                              | ☑                                                             | ☑                               | ☑                           | ☑                           | ☑                              | ☑                                              | N / Y                                           |
| 8         | NN / NI / PR                                                           | N / Y                                                  | ☑                 | ☑                    | ☑                              | ☑                                                             | ☑                               | ☑                           | ☑                           | ☑                              | ☑                                              | N / Y                                           |
| 9         | NN / NI / PR                                                           | N / Y                                                  | ☑                 | ☑                    | ☑                              | ☑                                                             | ☑                               | ☑                           | ☑                           | ☑                              | ☑                                              | N / Y                                           |
| 10        | NN / NI / PR                                                           | N / Y                                                  | ☑                 | ☑                    | ☑                              | ☑                                                             | ☑                               | ☑                           | ☑                           | ☑                              | ☑                                              | N / Y                                           |
We would love to have you!

Contact Brenda Barker, Executive Director at Brenda.barker@vumc.org