IPAC PEI 2017

Jennifer Chadney
SASKPIC Funding Recipient

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Utilizing Visual Cues and Engaging Families in the Sibling Health Screening Process

MARNEY HUNT, RN, BSN, ICP
Background

BC Women’s Hospital Neonatal Intensive Care Unit

- 60 Beds
- Level II and III tertiary care

NICU Philosophy

- Family Centered Care
- Family Visitation 24/7
- Siblings < 12 years complete the Sibling Health Screening (SH5) process
What was the issue in our NICU?

- Existing Screening process not consistently done
- Siblings often slipped into the NICU without Screening
- SHS form required revised vaccine information
Aim Statement:
To increase compliance of Sibling Health Screening (SHS) to 100%

Prevent transmission of communicable diseases
- Respiratory viruses e.g. RSV
- Airborne viruses e.g. chicken pox
  - clusters & outbreaks
  - cohorting & admission restrictions
Working group STRUCK!

IPAC

Quality

Professional practice
Methodology: Model For Improvement

PDSA

Model for Improvement
- What are we trying to accomplish?
- How will we know that a change is an improvement?
- What change can we make that will result in improvement?

Act
Plan
Study
Do
Baseline data

July 2016 SHS Audit

30% SHS Missed

70% SHS Completed
Investigation

- conducted an environmental scan.
- explored screening tools and processes with other IPAC teams and NICU’s in B.C and Canada.
- determined if staff were aware of significance of SHS.

Next steps...

- revised screening tool & questions
- developed process algorithms & signage
- created visual cues: “stickers of the day” for siblings to wear
- obtained feedback from the local IPAC team, frontline NICU staff, the parent advisory leader, and families - ? user friendly
NEW process commenced
October 2016

First Visit
- RN does thorough screen utilizing forms
- Provides first visit education to family on how to complete subsequent screening
- Provides education to family regarding hand hygiene
- Provides sticker for siblings that are healthy with all vaccinations up-to-date.

Subsequent Visits
- Family completes screening page
- Unit clerk checks form - contacts RN if required
- RN confirms presence of sticker when sibling comes to bedside
New tools created
Wayfinding signage

Welcome Parents
Please Complete Sibling Visiting Screening Prior to Entering the Nursery
Screening at Window to the Right

Screening location
Guidelines

Sibling Visiting Guidelines

- All families and patients are welcome to spend time with their siblings in the NICU.
- A Sibling Health Screening Form must be completed for visits. The screening form can be accessed via the computer located in the NICU on the wall surrounding the window to the right.
- If there are any questions, please ask a staff member for assistance.
- Other Visiting Children
- All families and patients are welcome to visit NICU with their siblings. Parents are encouraged to ensure that the environment remains as quiet and soothing as possible.
New forms to support new process

Page 1 & 2 is filled out with first visit or if there are changes in vaccination status by the RN with the parents & HH education

Page 2 is filled out by parent with each subsequent visit
Staff education

-NICU news letter
-huddles/1-1 feedback
-formal education days
-written standard work for RN’s and unit clerks

Standard work and algorithm

form located on back side of screening
Tools to support the new process...

A-Z SHS Binders; contain Immunization schedules
Sibling Health Screening (SHS)

What are the Responsibilities of the Bedside Nurse in the NICU?

Be aware that all siblings must complete the SHS before entering the NICU and display the “Sticker of the Day”:

- On the first visit the SHS is to be completed by the bedside nurse delegate with the parent at the NICU reception;
- Provide sticker to sibling if no concerns;
- During the first SHS the bedside nurse delegate explains to parents how to complete subsequent screening and provides hand hygiene education;
- On all subsequent visits the parents must complete the screening at the desk and if no concerns noted the NICU provides the sibling with the “Sticker of the Day”;
- If concerns are identified at any visit the CNL must be notified and if required the ICU is notified.

Identify siblings who come to the bedside without a “Sticker Of The Day” and help the family complete the SHS:

- Take the parent and sibling to NICU reception to complete the SHS;
- Provide sticker to sibling if no concerns;
- Ask the parent that the SHS process is required each day the sibling visits, and reinforce hand hygiene;
- If concerns are identified during screening, notify the NICU Infection Prevention Control Practitioner (IPC).

Completing the SHS prior to entering the NICU is critical to prevent infectious disease exposure to vulnerable infants.
Hand Hygiene education

- Visitor Hand Hygiene (HH) is an important factor in preventing infections.
- HH education is part of patient safety and is an important part of accreditation.

NICU - Hand Hygiene

- NICU Environment: Clean hands at initial entry.
- Intermediate Care Environment: Clean hands on each entry into the space and on leaving the space.
- Neonate Environment: Clean hands at each entry to the space.
Tools to support the new process..."Sticker of the day"
Follow-up audit January 2017

60% of siblings were initially screened with stickers upon entering the nursery

Siblings who made it to the bedside not wearing stickers, TRIGGERED the nurse to take parents and sibling back to the front desk to be screened = 100% were completed!

Mission accomplished!
Summary

• Gaps in SHS process were identified
• Key principles of the new process including the sticker of the day indicate screening is done

Lessons learned

✓ Engagement of all stakeholders in a process is key to success
✓ Performing SHS engages families and helps facilitate IPAC education (e.g. HH, immunization schedules)
✓ IPAC-led group initiatives can be fun and improve patient safety
THANK YOU!