ICN Flu Vaccine Cocooning

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ICN Flu Vaccine Cocooning

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- ICN Educators
- Jeanne Croswhite, Information Systems
- Beckie Palmer RN, Quality Improvement Coordinator
Children’s Mercy Hospital ICN currently supports an influenza vaccine-cocooning program.

- Focuses on parents and caregivers.
- Infants under the age of 6 months cannot receive the flu vaccine.
Background

- 2016-2017: 81% of patient families received Flu Vac Packet and were offered the no cost vaccine
  - 83% vaccination rate, to “cocoon” their child
- Failure in previous years is attributed to not sharing information/opportunity with parents paper vs electronic
- Third year for GNR EBP project
Flu Vaccine Video
**PICO Question**

- **P (Population):** Registered nurses in the CMH Intensive Care Nursery providing patient care.

- **I (Intervention):** Electronic documentation of parent flu vaccine status. Include vaccine status reminder in pod huddle.

- **C (Comparison):** Current practice

- **O (Outcome):** Increase the percentage of families receiving the flu vaccine

**Aim Statement**

The objective of this evidence-based practice project is to increase the percentage of families receiving the flu vaccine from 83% to 85% by March of 2018.
Strategic Goal Alignment

Demonstrate Quality Outcomes
Demonstrate quality, safety and clinical effectiveness.

Improve Performance
Improve processes, increase capacity for innovation and service excellence, and strengthen our financial position.

Strengthen Market Position
Strengthen Children’s Mercy’s market position in the Metro area, region, and beyond.

Deliver Value
Deliver value, expertise, and efficiency through an integrated pediatric health system.

Elevate Academic Profile
Enhance the research capabilities and accomplishments of CMH and strengthen the quality of the educational experiences.
PDSA’s Implemented

PDSA #1:
Create electronic documentation for parent flu vac status in place of bedside card
Parent Flu Vaccination Survey

Would you like to receive the NO COST FLU SHOT?

Mother:  
- [ ] Yes  
- [x] No  
- [ ] Already received this season

When was the flu shot administered?

Father:  
- [ ] Yes  
- [x] No  
- [ ] Already received this season

When was the flu shot administered?

Please complete consent form with parent.
PDSA’s Implemented

PDSA #2:
Utilized different marketing strategies to share education with staff – flat screen, email, just in time training, potty trainers
ICN PARENT FLU VACCINE PROGRAM

BEGINS OCTOBER 1ST!

Thank you in advance for making this program successful!
Here are a few reminders as the program begins:

- When initiating the ICN Admission Intake Assessment, place a checkmark next to “Share ICN Parent Flu Vaccine with Family.”
- No more paper surveys! Instead, you will see a Flu Vac task fire 2 days after admission for documentation of parental flu vac status. Please DO NOT chart “Not Done.” Instead, ask/call parents or reschedule for the next shift.
- Please show the one-minute video found on the ICN Helpful Hints as an introduction to parents.
- Affix the bedside card “syringe pic” out until the Flu Vac task is completed, then flip to the checkmark side.
- Signed consent should be placed in the Flu Vac Binder in the ICN Small Conference Room.

email sent out to staff in October baby bits
PDSA’s Implemented

PDSA #3: Added to ICN Safety Huddle Metrics board – discussed on Fridays
Huddle Metrics Board
Project Outcomes

ICN Influenza Cocooning P

- % Parental Vaccination Rate
- % Parental Receipt of Flu Vac Packet

- 2012 Season: 92%
- 2013 Season: 94%
- 2014 Season: 86%
- 2015 Season: 83%
- 2016 Season: 82%
- 2017 Season: 73%

- 2012 Season: 13%
- 2013 Season: 15%
- 2014 Season: 15%
- 2015 Season: 54%
- 2016 Season: 80%
- 2017 Season: 73%
Barriers/Lessons Learned

- Overall process change from paper to electronic documentation
  - Electronic Documentation – can only reschedule 3 times; many are charting “not done”
  - Counted in our numbers are those patients less than 48 hours-task
  - Staff unsure where to document without a task
  - Not in normal work flow or difficult to visualize parent vaccine status in EMR
- Lack of staff comfort with administering vaccine to adults
- Social Barriers
- Media focused on the flu vaccine being less effective
- Flu Vac education deferred due to more important hospital wide education
Pediatric Nursing Implications

- We are saving lives by helping protect a vulnerable population from a harsh flu season.
Conclusions

- Aim statement of 85% of parents assessed/vaccinated not met
  - 73% of parents flu vaccine status assessed
  - 73% of parents vaccinated
  - Advancements made towards an easier documentation process
  - Big process change made with electronic documentation (big changes = big barriers)

- Continuing on…
  - Task firing at admission
  - Continued education of staff on process change
  - Targeting missed populations (patients discharged before 48 hours)


Question?