Perfecting the Poke

Building Confidence and Competence

November 15th, 2023
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January to October of 2021 868 requests for IV placements

A small group was responsible for supporting this large number of requests.

Post data evaluation showed directed efforts were necessary to increase competency and confidence of the IV insertion skill.
Objectives

1. Summarize competency framework to improve peripheral IV insertion skills.
2. Describe three pathways of competency verification based on learner experience level.
3. Evaluate the impact of peripheral IV competency development in the acute care setting.
Method

Scope of competency: All RNs from Observation, Med-Surg areas, Float Pool

Pathway 1:
- <2 years inpt experience
- ✔ Complete Peripheral IV Insertion—Hand—Critical Steps self-paced learning module
- ✔ Attend in-person PIV workshop
- ✔ Complete 5 IV placements successfully & track

Pathway 2:
- >2 years inpt experience
- ✔ Complete Peripheral IV Insertion—Hand—Critical Steps self-paced learning module
- ✔ OPTIONAL: Attend in-person PIV workshop
- ✔ Complete 2 IV placements successfully & track

Pathway 3:
- Ultrasound IV Competency
- ✔ Complete Ultrasound-Guided IV Insertion: The Basics self-paced learning module
- ✔ Attend in-person USG workshop (Link Below)
- ✔ Complete 5 Ultrasound-Guided IV placements successfully & track
Method

• Pre-education included CBT
• Workshops for both peripheral IV insertion and ultrasound
• Creation of Peripheral IV Tips and Tricks job aide
Method

- Application of skills (2-5 successful insertions)
Findings

**Project completed over 2022**

### IV Insertion Request

- 2021 (5 MONTHS): 434
- 2023 (5 MONTHS): 207

↓ 52%

### IV Ultrasound Trained

- 2021: 47
- 2023: 64

↑ 36%
Staff Testimony

“... I stuck it on my first try! I credit the workshop and the time you allowed me to practice! It gave me the confidence and refresher needed! I greatly appreciate your time, guidance, and support!”
Sustainment

- Implementation of Escalation Algorithm
- Addition of peripheral IV Workshop to new hire orientation in person class
- Continued IV Ultrasound training opportunities
References


