Outcome and Impact Evaluation of a Peripheral IV Removal Competency for UAP

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**Background / Significance**
- Nursing Professional Development (NPD) Practitioners create educational programs based on staff and facility needs
- Learners' perceptions of the learning experience and achievement of objectives are frequently assessed
- Achievement of program goals and impact on the facility are assessed less often
- Roberta S. Abruzzese (RSA) Evaluation model includes all aspects of evaluation for educational programs and is applicable to the healthcare setting

**Approach**
- Current state: UAP were removing PIVs without standardized competency demonstration or documentation
- UAP were educated in PIV removal and documentation in the electronic medical record (EMR) using a low fidelity trainer in a simulated setting. Verbal feedback was obtained from learners (Process evaluation)
- A post test was completed in class and competency was demonstrated (Content evaluation)
- UAP who were trained were compared to those who demonstrated competency; also 1:1 interviews with UAP (Outcome evaluation)
- Impact on nursing practice was assessed with a Voice of the Customer questionnaire (Impact evaluation)

**Outcome and Impact**
- Five acute care units included UAP for PIV removal training: 30 UAP attended class and remain on unit, 50% are competent
- Most of the problems UAP experience are with documentation: “RN does all the charting” or PIV site was incorrectly charted. No clinical patient problems were reported other than difficulty removing tape.
- 88% of RNs delegate removal of PIVs to UAP (N=34)
- 78% of RNs report no clinical problems with UAP removal; issues involve documentation
- 100% of RNs want NPD to provide UAP with PIV removal classes
- Patients remain safe with UAP removing PIVs

**Bibliography**

**RSA Evaluation Model**

**Purpose**
Evaluate outcomes of a short peripheral IV catheter (PIV) removal educational program for Unlicensed Assistive Personnel (UAP) and the program impact on acute care nursing practice

**Responses from UAP Who Remove PIVs Following an NPD Class**
- UAPs without problems removing PIVs or charting: 70%
- UAPs who document in EMR after removing PIV: 90%

**RNs Who Delegate PIV Removal to UAP (n=23)**
- Report no problems when UAP removes PIV: 90%
- UAP document their action: 80%

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