

Enhancing Patient Safety During Central Catheter Insertion through Interprofessional Division of Education

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Lehigh Valley Health Network, Allentown, Pennsylvania

Background:

“All health care organizations and schools of nursing should foster a culture of lifelong learning and provide resources for interprofessional continuing competency programs;” and, “expand opportunities for nurses to lead and diffuse collaborative improvement efforts.” The Robert Wood Johnson Initiative on the Future of Nursing, at the Institute of Medicine.

Purpose:

Prior to this above report, LVHN RNs were key participants in an initiative to develop and hone an interprofessional educational experience related to central catheter insertions.

THE INTERPROFESSIONAL EXPERIENCE

1st - Didactic Education

- Resident physicians & advanced practice clinicians
- First week of orientation
- Taught by attending physicians
- Content
 - Collaboration is THE STANDARD!
 - Sterile technique
 - Landmarks
 - Procedure
 - Ultrasound

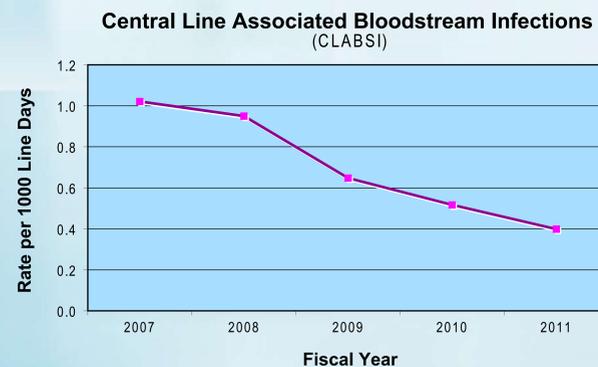
2nd - Simulation

- Roles
 - Resident physician – Learner
 - Attending physician – Validation of technical competency
 - RN – Recorder/Observer to insure patient safety
 - GN – Observer orientee
- Key Points
 - Acknowledgement of respective roles & responsibilities
 - Use of standard checklist & varied scripted scenarios

3rd - Debriefing

- Resident, attending physician & RN
- What went well?
- Opportunities for improvement?

Outcomes



Significance

- RN responsible & accountable to stop procedure if patient safety compromised.



- Per the evidence, interprofessional education fosters collaborative relationships and ultimately, patient safety.

Qualitative Feedback

- *The collaborative simulation gives me confidence that physicians understand my role to insure patient safety.* Barb Hemphill, RN
- *A bedside nurse present during insertion has become part of our patient safety culture.* Daniel Taylor, CRNP



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