



Demonstration of Exemplary Interdisciplinary Collaboration Between Physicians and Certified Nurse-Midwives in a Military Treatment Facility

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Abstract

*Lack of communication among health care providers often creates barriers to patient care.
*Inadequate communication can lead to disagreements over "turf" and an inability to collaborate, both between individuals and in team conferences.
*Interprofessional collaborative practice strengthens health systems and improves patient outcomes.
*Interprofessional education is a step in preparing health care providers to work collaboratively.
*Interprofessional learning/education exists among resident physicians and certified nurse-midwives at Womack Army Medical Center (WAMC), which may address the more global problem of interdisciplinary collaboration.
*Current collaborative programs within the OB-GYN residency program include:

- *CenteringPregnancy™ group prenatal care
- *Clinical staffing in outpatient & labor / delivery settings
- *Didactic lectures
- *Collaborative research presentation

Definitions and Objectives

Collaborative practice has been defined as the provision of health care by an interdisciplinary team of professionals who collaborate to accomplish a common goal, and is associated with increased efficiency, improved clinical outcomes, and enhanced provider satisfaction" (Waldman, 2011).

*Exemplary/expert

- Themes:
 - Wisdom
 - Skilled practice
 - Enacted vocation
 - Connected companionship
- Domains:
 - Physiological
 - Technical
 - Integrated (Dowme, 2011)

Objectives

*To document & clarify of the collaborative relationships between residents and nurse-midwives at WAMC.

*To provide a description of interdisciplinary collaborative learning through exposure to group prenatal care and midwifery care.

*To describe exemplary interdisciplinary collaboration between certified nurse-midwives, interns, residents, and obstetrician-gynecologists.

Goals and Methods

The goal of this capstone project was to describe the involvement of certified nurse-midwives in resident education at WAMC, and changes in the relationships among health care providers that promote long-term collaboration between certified nurse-midwives and physicians.

Method

Diffusion of Innovation

Innovators

Best practices/exemplar
Embrace & adopt new ideas
Forward looking
Demonstrate initiative, excitement & creativity
Operate out of the norm
Diversity important to sustain (Rogers, 1962)

Service Data

Busy L&D unit: 3000+ births/yr

CD rate 23.5%

97-100% of deliveries less than 37 weeks have medical indication

Operative vaginal deliveries 4%

Shoulder dystocia .04%

PPH .01%

Outcome Descriptions

Medical student interviews

Orientation/Bootcamp

...vaginal examinations, amniotomy, hand maneuvers for birth, suturing and laceration repair, basic fetal monitoring/interpretation, speculum examinations, and limited ultrasound

Morning report/Academic Wednesdays (didactic lectures)

...24 hr report, breastfeeding, PPH, PIH, Normal labor positions, PP depression, Contraception

White board rounds/check out and patient handoffs
TeamSTEPS™

Midwife attends births with residents/teaches

Midwives teach the evidence

CenteringPregnancy™

10-12 couples/10 sessions/ session last 2 hrs

WAMC approved site/CNMs actively using CenteringPregnancy™ since 2010/ 46-50 th group started last month.

Specific areas covered each session related to gestational age/ group needs drive needs for that session

All prenatal care delivered within session + education

Final CenteringPregnancy™ Evaluations

(Likert scale with 1 being (worst) to a 5 (best) by the patients)

Group 2 (88/108) ranked 12 topics very helpful

Group 2 20/108 ranked 7 topics as somewhat helpful

CenteringPregnancy™ experiences

Resident: I learned I have a lot to learn. I look forward to the next session.

Midwife: Resident works group well. Speaks at the patient level. Actively demonstrates stretching exercises, brings soldiers into discussion (resident is male), appears comfortable, wears t-shirt to blend, sits down to talk to patients at mat time, good facial expression, introduces concern to group to start discussion, reassures patient both facilitators are here for them.



Project outcomes congruence with WAMC strategic plan

Womack Army Medical Center's mission is to provide the highest quality health care, maximize the medical deplorability of the force, ensure the readiness of Womack's personnel, and sustain exceptional education and training programs

Our values (WAMC) are dignity and respect, courtesy and compassion, honor and integrity live them for our customers and ourselves (WAMC Command, 2014).



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