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The Use of Simulation in Staff Preparation for a New Environment of Care

CentraCare Health

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The use of SIMULATION IN STAFF PREPARATION

for a New Environment of Care

Overview

The use of experiential learning in the form of simulation enabled our staff to prepare to coordinate and deliver care during a department move and within the new environment.

The Task

Planning and execution of simulation as a staff training modality for a complete patient department move into a newly constructed environment of care encompassing training of new technology systems including call light and infant security systems, new equipment, and expanded physical space from <20,000 to 50,000 square feet.

The Participants

- All FBC Staff LPNs and RNs
- 21 Providers,
- Respiratory Therapists
- Transfusion Services Personnel
- Customer Contact Center
- All Core NICU RNs
- Children's Center Charge Nurses
- Administrative Nursing Supervisor Staff

The Objective

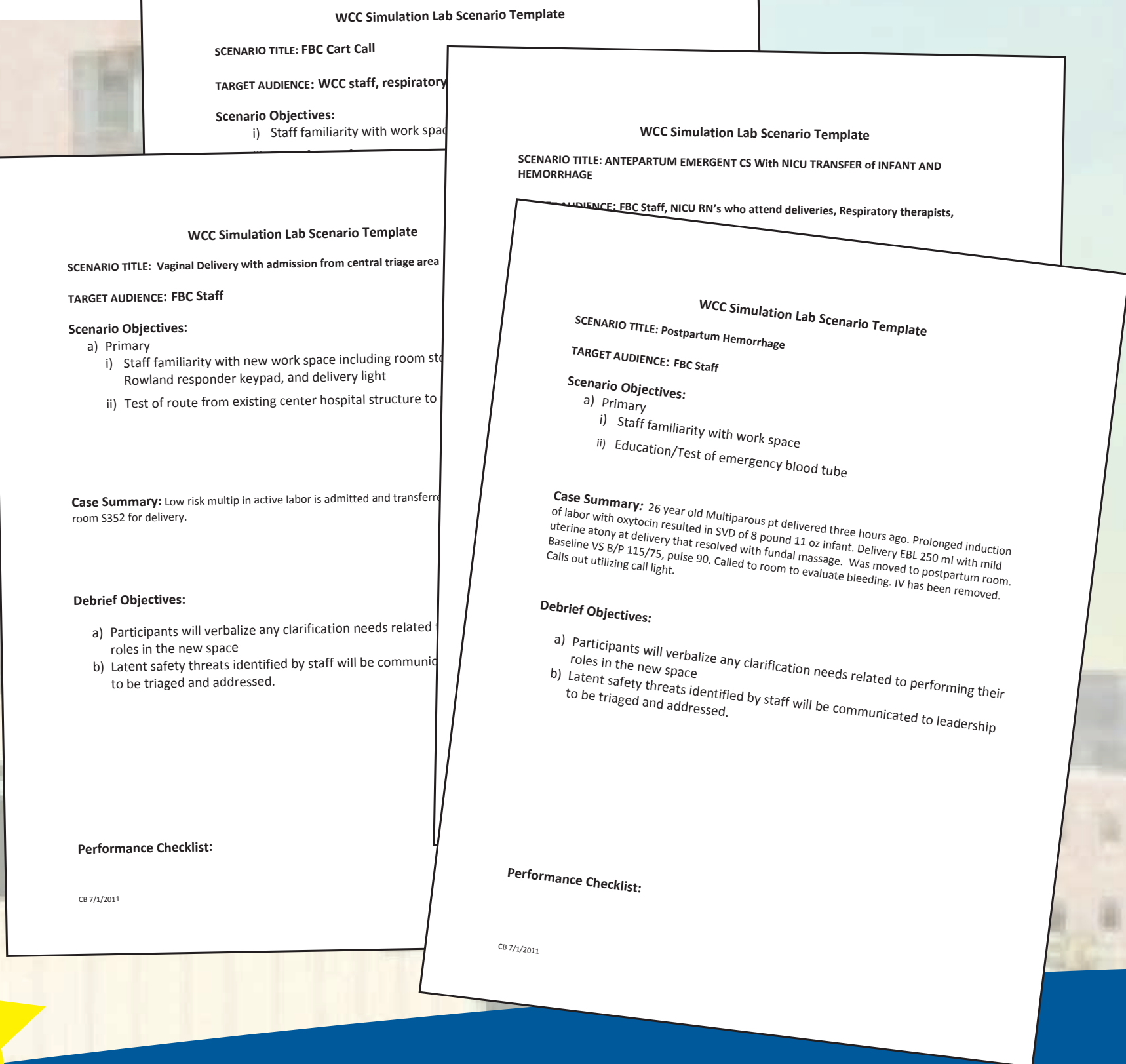
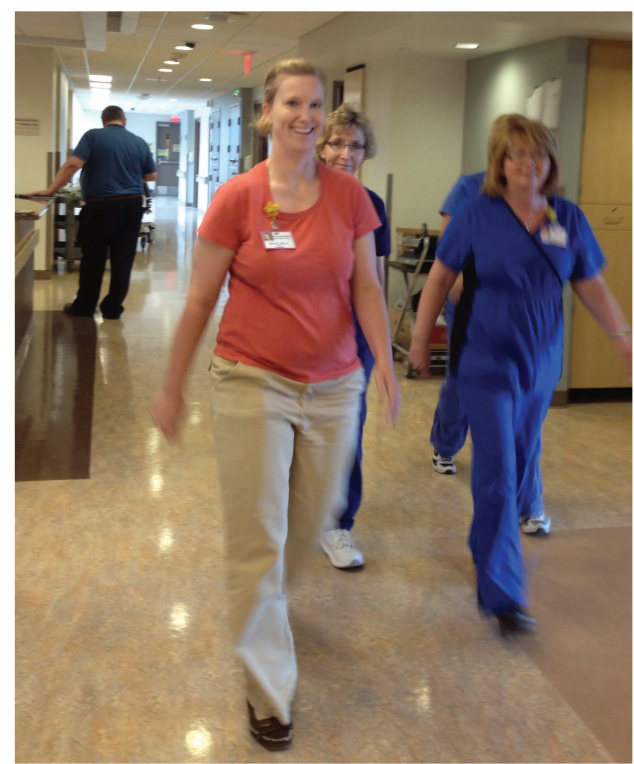
- Move of regional hospital and referral center labor and delivery unit accomplished without patient or staff adverse event
- Discovery of latent safety threats prior to occupation of new environment of care
- Testing of application of existing and new processes into new environment of care

Implementation

62 interdepartmental/interprofessional simulation exercises run over eight afternoons, with up to four exercises running concurrently. The topics included emergent preterm cesarean birth, normal spontaneous vaginal delivery with transfer from the existing triage unit, postpartum hemorrhage, and infant rapid response team. Each staff member participated in at least two exercises based upon their clinical specialty area.

Outcomes

- Identification of latent safety threats including that the pneumatic tube system from the blood bank not being correctly labeled or operational.
- Opportunity for way finding for staff and ancillary team members
- Identification of issues with existing clinical processes that required alteration for the new unit



May 4
Tabletop Code
Pink/East Tower

May 8
East Tower Simulation
Test Run Day

June 5
Family Birthing Center
Move Simulations

June 6
OB Provider Labor
Room Orientation

June 6
FBC Move Simulations
CART Call

June 7
Move Simulations
CART Call

June 11
Move Simulations
CART Call

June 14
Move Simulations
CART Call

June 13
Move Simulations
CART Call

June 20
Move Simulations
CART Call

June 18
Move Simulations
CART Call

June 26
FBC Department
Move