

Covenant School of Nursing Instructional Module 6
SIMULATION LEARNING GUIDE
Topic/Concept: OB Simulation

Needs Analysis Documentation

- Students have limited OB clinical experience and may not have the opportunity to assist in the care of a high-risk OB patient.

Learning Goals/Outcomes

Upon completion of this simulation learning activity, you will be able to:

- Identify, prioritize, and implement appropriate nursing interventions based on a focused OB assessment for the high-risk OB patient such as the prolapsed cord, postpartum hemorrhage, PIH with magnesium toxicity, etc.
- Incorporate family-centered care throughout your assessments, interventions, and education as you provide care to the mother, newborn and family based on the maternal, newborn, and family identified needs.
- Demonstrate use of SBAR communication when collaborating with other members of the health care team to promote optimal care for the childbearing family.

Scenario(s) Used

- Gestational Diabetic OB outpatient or laboring patient.
- Hypoglycemic Newborn patient.
- Group B Strep OB outpatient or laboring patient.
- Septic Newborn patient.
- Pregnancy Induced Hypertensive (PIH) outpatient, or Magnesium Toxic Postpartum patient.
- Breech outpatient or Scheduled Cesarean Section patient.
- No Prenatal Care 28-week gestation patient in active labor.

Schedule of Activities

OB Sim Day One

- OB Room, Manikins orientation
- OB Scenarios
 - Gestational Diabetic OB outpatient or laboring patient.
 - Breech outpatient or Schedules C-Section patient
 - No Prenatal Care 28-week gestation active labor patient

OB Sim Day Two

- Groups Beta Strep Positive outpatient or laboring patient
- Septic Newborn
- Pregnancy Induced Hypertensive (PIH) outpatient, or Magnesium Toxic Postpartum patient.

Pre-Simulation Learning Activity Preparation (Pre-Briefing)

Pre-Brief will include:

- * Welcome- This learning experience is set up in a safe, non-threatening environment where everyone involved has the same purpose; to learn and improve.
- * Confidentiality- You signed the Student Commitment to Conduct during non-graded and graded CPE at the beginning of Instructional Module 1. That commitment is expected in every Instructional Module. Remember to respect the confidentiality of your fellow learners and not share any information outside of the simulation session.
- * Fiction Contract- We have done everything we can to make this as real as possible, but in the end, it is a simulated experience; we must depend on you. Please do your best to treat this as a live scenario with a live patient.
- * Review of Learning Objectives
- * Orientation to Spaces/Equipment/Safety- Orientation to the room(s) to be used, equipment in those rooms, reminder of emergency exits/processes, & review of psychological safety process.
- * Logistics- Badging In/Out, restroom location, & food & drink

On-Line/ Out of Class required prior to OB Sim

- Watch the following videos located in the LMS OB Sim lesson.

- OB room orientation
- Victoria orientation
- Newborn Tory orientation
- Receive an email notifying them of their assignment.
 - Scenario
 - Roles for each scenario
- Complete the OB Sim Patient Preparation Worksheet pages 1-3 for their assigned scenario **prior to arrival** at OB sim.
- Complete the Maternal and Newborn Medication work sheets for the common medications encounter in the scenarios. Medication work sheet is for utilization during the scenario
- Upload the completed OB Sim Patient Preparation Worksheet pages 1-3 into their individual LMS drop box prior to arrival at OB sim.

Simulation Center Activities

- OB Skills Lab

Lecture Activities

- Antepartum
- Fetal Heart Monitor
- Intrapartum
- Postpartum

Student Learning Outcomes

- **Safety/Quality**
 - Identify patient using 2 identifiers
 - Standard precaution - appropriate hand washing and gloves before, after and prn
 - 7 Medication rights - right patient, medication, dose, route, time, reason, allergies, maintain asepsis
- **Clinical Judgement**
 - Assessment and intervention for abnormal FHR pattern, GBS status, Gestational diabetes, Lack of prenatal care, Sepsis, Temperature Instability
 - Perform focused cardiac, respiratory, and OB assessments
- **Patient Center Care**
 - Provide therapeutic communication toward the patient
 - Maintain patient privacy
 - Involve family
- **Professionalism**
 - Dress professionally in compliance with CSON dress code
 - Arrive on time & prepared with appropriate equipment to care for the patient
- **Communication/Collaboration**
 - Introduce self and explain purpose of interaction
 - Demonstrate appropriate therapeutic
 - Collaborate with health professionals
 - Communicate utilizing SBAR format
 - Delegate tasks appropriately

Simulation Learning Activities

Simulation Activities:

- Orientation to room, manikin, and first delivery.
- Scenarios
 - Role assignment of TPCN, CN, Family member, Physician, Debriefers, additional RN if needed.
 - Pre-Brief SBAR.
 - TPCN will share their plan of care based on the Patient Preparation Worksheet pages 1-3
- Debriefers Evaluation tool

Online/Out-of-Class:

- Completion of OB Sim reflection

Evaluation Methods (Debriefing)

- Plus, & Delta discussion base on students assigned scenario role.

Post SLA Survey in Red Cap	
Other Appropriate Documentation	
- Complete documentation of patient care on the Patient Preparation Worksheet pages 4 & 5 - Document Medication in Sim2Grow EMR	
Time Allotted	OB Sim Day One
2.00 hours	OB Room and Manikins orientation
2.00 hours	Gestational Diabetic outpatient or OB patient (High-fidelity scenario calculated 2:1) (Pre-brief 15 minutes, 30 minutes scenario, 15 minutes post-brief)
2.00 hours	Breech outpatient or Scheduled C-Section (High-fidelity scenario calculated 2:1) (Pre-brief 15 minutes, 30 minutes scenario, 15 minutes post-brief)
2.00 hours	No Prenatal Care 28-week OB patient-(High-fidelity scenario calculated 2:1) (Pre-brief 15 minutes, 30 minutes scenario, 15 minutes post-brief)
8.00 Hours	
Time Allotted	OB Sim Day Two
2.50 hours	Group B Strep outpatient or OB Patient (High-fidelity scenario calculated 2:1) (Pre-brief 15 minutes, 30 minutes scenario, 15 minutes post-brief)
2.50 hours	Septic Newborn (High-fidelity scenario calculated 2:1) (Pre-brief 10 minutes, 25 minutes scenario, 15 minutes post-brief)
2.50 hours	PIH outpatient or Magnesium Toxic Postpartum patient– (High-fidelity scenario calculated 2:1) (Pre-brief 15 minutes, 30 minutes scenario, 15 minutes post-brief)
0.05	Debrief Simulation activity
8.00 hours	

IM Student Learning Outcomes	Approval for 2:1:
Safety/Quality Clinical Judgement Patient Centered Care Professionalism Communication/Collaboration	Yes or No Date of Approval: 3/1/24
Date Originated: 9/24/20 Content Expert: Rachel Soliz MSN, RN Simulation Expert: Randall Stennett	Revision Dates: 12/04/20, 6/24/21,1/25/22, 7/6/21, 8/1/23, 12/27/23, 02/28/24, 05/28/24 03/11/25

Instructional Module Choose an item. Simulation Learning Guide

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