

Covenant School of Nursing Instructional Module (IM6)
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 patient.
- Hypoglycemic Newborn patient.
- Group B Strep OB patient.
- Septic Newborn patient.
- Pregnancy Induced Hypertensive (PIH), Magnesium Toxic Postpartum patient.
- Breech 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
- FHM Strip Review
- OB Scenarios
 - Gestational Diabetic
 - Breech Schedules C-Section patient
 - No Prenatal Care 28-week gestation active labor patient

OB Sim Day Two

- Groups Beta Strep positive
- Septic Newborn
- Pregnancy Induced Hypertensive (PIH), 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 & 6. 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** - (see listed above)
- **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

- 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.
- 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(s)

- Antepartum
- Fetal Heart Monitor
- Intrapartum
- Postpartum
- High Risk OB

Simulation Learning Activities

Simulation Activities:

- Orientation to room, manikins, 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
 - Critical Thinking Worksheet for TPCN to use in planning or patient care.
 - Debriefers Evaluation tool

Evaluation Methods (Debriefing)

- Plus, & Delta discussion base on students assigned scenario role.
- Post SLA Survey in Red Cap

Other Appropriate Documentation

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Time Allotted	OB Sim Day One
2.00 hours	OB Room and Manikins orientation
2.00 hours	Gestational Diabetic OB patient (High-fidelity scenario calculated 2:1) (Pre-brief 15 minutes, 30 minutes scenario, 15 minutes post-brief)
2.00 hours	Breech 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 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 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	

Texas DEC's	QSEN Competencies
Knowledge Member of the profession Provider of Patient-Centered Care Patient Safety Advocate Member of the Health Care Team Clinical Judgement	Patient Centered Care, Teamwork & Collaboration, Evidenced Based Practice, Safety, Informatics
IM Student Learning Outcomes	NCLEX Test Plan
1/2/3/4/5/6/7/8	Safe & Effective Care Environment, Health Promotion & Maintenance, Psychosocial Integrity, Physiological Integrity
Concepts	
Education/Teamwork & Collaboration/Ethics & Legal Precepts/ Evidence-Based Practice/Health Information Technology/ Patient-Centered Care/Safety/Cellular Regulation/Clotting/Comfort/ Elimination/Fluid & Electrolyte Balance/Functional Ability/ Gas Exchange/Metabolism/Mobility/Nutrition/Perfusion/Reproduction/ Sleep/Thermoregulation/Coping/Grief/Human Development	Donna Neel, MSN, RNC-OB, C-EFM, CA/CP SANE, AFN-BC, SANE A, SANE P
Date originated: 9/24/20. Content Expert: Donna Neel, MSN, RN Simulation Consultant: 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

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