

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 the childbearing family.	
Scenario(s) Used	
- Gestational Diabetic OB patient - Hypoglycemic Newborn - Group B Strep OB patient - Septic Newborn - 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 and Manikins orientation - Leopold's activity and 1st Delivery - OB Assessment activity - FHM Strip Review - OB Scenarios OB Sim Day Two - Group B Strep OB Patient - Septic Newborn - Pregnancy Induced Hypertensive (PIH), Magnesium Toxic Postpartum patient - Breech Schedules C-Section patient - No Prenatal Care 28-week gestation active labor patient	
Pre-Simulation Learning Activity Preparation (Pre-Briefing)	
On-Line/ Out of Class - Review the following section in your Foundations of Maternal-Newborn and Women's Health Nursing textbook - Induction of labor, cervical ripening, and labor augmentation pgs. 404-410 - Diabetes and pregnancy pgs. 232-242 - Pregnancy induced hypertension pgs. 215-228 - Complete Case Studies question prior to OB simulation and be prepared to discuss. - Induction or Labor - Diabetes in Pregnancy - Pregnancy Induced Hypertension (PIH) - Complete the Maternal and Newborn Medication work sheets for the common medications you might encounter in your scenario 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
- FHM strip review
- Case study discussion (including information needed for the care of the high-risk OB patient's which have not yet been covered in lectures due to the student's clinical rotation assignment)
- Scenarios
 - o Role assignment for each student – TPCN, CN, Family member, Physician, Debrief, additional RN, or family member
 - o Pre-Brief SBAR off going report
 - o Group discussion to establish plan of care for the patient
 - o Critical Thinking Worksheet for TPCN to use in planning of patient care.
 - o Debrief Evaluation tool

Online/Out-of-Class:

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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
0.50 hours	OB Room and Manikins orientation
0.50 hours	Leopold's Activity and 1 st Delivery
0.50 hours	OB Assessment Activity
0.75 hours	FHM Strip Review
0.75 hours	Case Study Discussion
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	Hypoglycemic Newborn (High-fidelity scenario calculated 2:1) (Pre-brief 15 minutes, 30 minutes scenario, 15 minutes Post-brief)
7.00 hours	
Time Allotted	OB Sim Day Two
2.00 hours	Group B Strep OB Patient – (High-fidelity scenario calculated 2:1) (Pre-brief 15 minutes, 30 minutes scenario, 15 minutes Post-brief)
1.50 hours	Septic Newborn (High-fidelity scenario calculated 2:1) (Pre-brief 10 minutes, 20 minutes scenario, 15 minutes Post-brief)
2.00 hours	PIH Magnesium Toxic Postpartum patient– (High-fidelity scenario calculated 2:1) (Pre-brief 15 minutes, 30 minutes scenario, 15 minutes Post-brief)
1.50 hours	Breech Scheduled C-Section (High-fidelity scenario calculated 2:1) (Pre-brief 10 minutes, 20 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	

Texas DEC's	QSEN Competencies
Knowledge IA: 1 c, 2, 3, 4; IB: 1a-e, 2 a & b, 3, 7 a-c, 8; IC: 2, 3; ID: 3 IIA:1 a & b, 2 a-c, 3, 4; IIB: 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12; IIC:1 a & b, 2 a & b, 3, 4 a & b, 5, 7, 8; IID: 1a-d, 2, 3a & b, 5a & b; IIE: 1a & b, 2, 3a & b, 4a & b, 5, 6a, 8, 9, 11a-c, 12, 13; IIF: 1, 2; IIG: 1 a & b, 2 a & b, 3 a & b; IIH: 3 c, 5, 6; IIIA: 2, 3, 4; IIIB: 1 a-c, 2, 4; IIID: 1a-c; IVA: 4a & b, 5a; IVB: 1a & b, 2a & b, 3 a & b, 4; IVC: 1, 2, 3, 4 a & b, 5, 6, 7, 8; Clinical Judgement and Behaviors IA:1, 2, 3 a & b; IB: 1, 2 a-c, 3a -c, 5 a & c, 6 a-c, 7, 8, 9; IC: 2, 4, 5, 6 a ID 1, 2 a-d, 3 b; IIA:1, 2a-c, 3, 4; IIB: 1, 2, 3 a & b, 4, 5, 6, 7, 8, 9 a & b; IIC: 1, 2, 3 a & b, 4, 5, 6, 7; IID: 1, 2 b & c; IIE:1, 2 a-c, 3 a & b, 4, 5 a & b, 6 a-d, 7 a-c, 8, 9,10, 11,12 a & b,13; IIF: 1a-c, 2 a & b, 3 a & b, 4, 5 a-c, 6; IIG: 1, 2 a & b, 3, 4, 5 a & b, 6, 7; IIH: 3, 6 IIIA: 2, 3, 4, 5a; IIIB: 1, 2, 3 a-c, 4, 5, 6; IIIC:1, 2 a & b; IIID:1; IIIE:1; IVA: 1, 2 a & b, 3; IVB: 1 a & b, 2, 3 a-c, 4 b, 5 a; IVC: 1 a-c, 2a-c; 3 a & b, 4; IVD: 4	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
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