

OB Simulation Instructions and Outline

Welcome to OB simulation. The simulation environment is a “safe harbor” where students can perform patient care that would not normally be allowed in the hospital setting with actual patients. As much as possible, it is designed to be a “real” clinical experience. Therefore, it is considered clinical time, and all policies apply in Sim lab just as they do in any other clinical setting.

The following guidelines will hopefully assist you in having a good learning experience:

1. **Before your arrival for OB sim** review the OB sim lesson in LMS for detailed instructions
 - a. Review the OB simulation learning guide.
 - b. Watch the orientation videos about the OB room, Victoria, Newborn Tory, Sim2Grow Bedside Unit, and Sim2Grow Dispensing Unit in this lesson.
 - c. Open the appropriate Group 1 or Group 2 Week Scenario and Role Assignment folder to determine which Scenario you have been assigned as the TPCN.
 - 1) Alice Jones - Group B strep positive
 - 2) Baby Girl Jones - Respiratory distress, inability to stabilize temperature.
 - 3) Sarah Rogers - Premature rupture of membranes, breech presentation
 - 4) Ashley Smith - Preeclampsia/pregnancy-induced hypertension.
 - 5) Brittany Spears - Unknow gestation age in labor
 - 6) Cynthia Williams - Gestational diabetes
 - 7) Baby Boy Williams - Hypoglycemic
- ** See recommended textbook readings listed below related to the above scenarios**
 - d. Complete the Patient Preparation Worksheet pages 1-3 for your assigned patient.
 - e. Upload the completed Patient Preparation Worksheet pages 1-3 for your scenario into your individual LMS drop box.
2. Bring with you to the simulation center a copy of
 - a. Student Performance Checklist.
 - b. The Patient Preparation Worksheet pages 4-5 for your assigned patient.

RECOMMENDED TEXTBOOK READING to help with your patient's plan of care before OB sim

Foundation of Maternal-Newborn and Women's Health Nursing

- Summary of Major Risk Factors in Pregnancy, Table 7.3, Fundal height, pg. 134
- Hemorrhagic conditions of the placenta pgs. 208-211
- Classification of hypertension in pregnancy Table 10.1, Preeclampsia Pathology, pg. 216-220
- Severe Preeclampsia, Management, Anticonvulsant Medications, Drug Choice Magnesium Sulfate, and Postpartum Management pg. 222-224
- Diabetes and pregnancy pgs. 238-242
- Hypoglycemia in the newborn - Thermoregulation pgs. 520-523 Neonatal effects pgs. 235, Box 20.2 Risk Factors for Neonatal Hypoglycemia, Blood glucose section and Critical to remember signs of Neonatal hypoglycemia Box pg. 548
- Group B Strep in pregnancy pgs. 264
- Sepsis in the newborn - Thermoregulation pgs. 520-523, Newborn Infection pgs. 673-677, Table 24.1 pg. 674 review Group B streptococcal, Critical to Remember Box pg. 676

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- Antepartum / Intrapartum Periods assessment-evaluation pg. 282-285
- PROM pgs. 436-437
- Induction of labor indications, contraindications, and risks pgs. 404-405
- Oxytocin Administration, Nursing considerations, fetal and maternal response pgs. 406-410
- Nursing Care after Birth pgs. 420-421

Days of Simulation

1. Simulation times are Tuesday and Wednesday from 0800 - 1400.
2. Wear your student uniform.
3. Manikins have breath sounds, and heart sounds that can be assessed as a patient would be.
4. IM and SQ medications should not be injected into the manikins. Please use an injection pad.
5. Save medication bottles after you draw up medications, as they are refilled for reuse.
6. Wash your hands before touching the manikins.
7. No food is allowed in the simulation patient room.
8. You may have drinks in the simulation debriefing rooms if the drink has a lid.

Tuesday - a mid-morning break will be given.

Orientation to OB Simulation

1. Quick review of
 - a. Bathrooms/breaks
 - b. Confidentiality - no cell phone pictures, or video of scenarios will not be allowed.
 - c. Scenarios and roles: TPCN, CN, Family member
 - d. Orientation videos - OB Room/Victoria/Tory/Med2Grow car
2. **Scenarios**
 - a. Pre-brief, perform the scenarios and de-brief on two to three of the assigned scenarios.

Wednesday - a mid-morning break will be given.

1. **Scenarios**
 - a. Pre-brief, perform the scenarios and de-brief on three to four of the assigned scenarios.
2. Complete OB sim reflection and upload into your individual drop box

OB Sim Clinical Reflections is due on the Thursday after simulation at 1600 with all other clinical paperwork

The scenarios are designed to give you a variety of experiences. This clinical experience is like all others – You get out of it what you put into it. If you apply yourself, you will learn more. Also, we'll have some fun. See you in OB Sim Lab.