

# OB Simulation Instructions and Outline

Welcome to OB simulation. The simulation environment is a “safe environment” 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 clinical time, and all policies apply in Sim just as 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 - **Outpatient** - Early Labor
    - 2) Alice Jones - **Inpatient** - Group B strep positive
    - 3) Baby Girl Jones - **Inpatient** - Respiratory distress, inability to stabilize temperature.
    - 4) Sarah Rogers - **Outpatient** - External Version
    - 5) Sarah Rogers - **Inpatient** - Premature rupture of membranes, breech presentation
    - 6) Ashley Smith - **Inpatient** - Preeclampsia/pregnancy-induced hypertension.
    - 7) Brittany Spears - **Inpatient** - Unknow gestation age in labor
    - 8) Cynthia Williams - **Outpatient** - Decreased fetal movement
    - 9) Cynthia Williams - **Inpatient** - Gestational diabetes
    - 10) Baby Boy Williams - **Inpatient** - Hypoglycemic
- \*\* See recommended textbook readings listed below related to the above scenarios
- d. Review your patient’s Prenatal Record
- e. Prepare an initial plan of care for your type of patient using the specified form below
  - 1) **Outpatients** - Outpatient Triage Assessment Form
  - 2) **Inpatients** - Complete the Patient Preparation Worksheet pages 1-3
- f. Upload the completed **Outpatient Triage Assessment** form or **Patient Preparation Worksheet pages 1-3** for your scenario into your **individual LMS drop box** prior to arrival at OB Sim
2. Bring a printed or electronic copy of the **Outpatient Triage Assessment** form or **Patient Preparation Worksheet** with you to the simulation center. Forms will be used for your reference and documentation of patient care

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

Foundation of Maternal-Newborn and Women's Health Nursing (8<sup>th</sup> edition)

- Summary of Major Risk Factors during Pregnancy Table 7.3 pg. 29, Uterine Growth Pattern during Pregnancy Fig. 6.1 pg. 134
- Hemorrhagic conditions of late pregnancy Abruption Placentae pgs. 216-217
- Hypertensive Disorders of Pregnancy pgs. 216-226 - Table 10.1 Classification of Hypertension in pregnancy, Table 10.2, Complication Associated with Preeclampsia, Table 10.3 Preeclampsia Pathology as a Multiorgan System Disease Table 10.3
- Preeclampsia with Severe Features, AP, IP& PP Management, Medications-Antihypertensives & Anticonulsant (Magnesium Sulfate), Magnesium Toxicity pg. 226-232
- Diabetes Mellitus and Gestational Diabetes Mellitus pgs. 238-245

# OB Simulation Instructions and Outline

- Preexisting Diabetes Mellitus Fetal and Neonatal Effects pgs. 237-239, Thermoregulation pgs. 556-559 Neonatal effects pgs. 235, Box 21.2 Risk Factors for Neonatal Hypoglycemia & Critical to Remember Box Signs of Neonatal Hypoglycemia pg. 585
- Group B Strep in pregnancy pgs. 261
- Sepsis in the newborn - Thermoregulation pgs. 556-559, Table 25.1 Common Infections in the Newborn, Critical to Remember Box - Signs of Sepsis in the Newborn pgs. 714-716
- Antepartum / Intrapartum Periods assessment - pg. 280-282, Box 15.1 Intepartum Assessment Guide pgs. 389-395
- PROM pgs. 447-449
- Induction of labor indications, contraindications, and risks pgs. 414-415
- Oxytocin Administration, Nursing considerations, fetal and maternal response pgs. 416-420
- Nursing Care after Birth pgs. 430-434
- Non-stress test pgs. 191-193
- External Version pgs. 412-413
- Labor - Normal Labor, pgs. 309-310, Client Education Box- How to Know Whether Labor is "Real" pg. 309.310

## Days of Simulation

1. Simulation times are Tuesday and Wednesday from 0800 - 1330.
2. Wear your student uniform.
3. Manikins have breath sounds, and heart sounds that can be assessed as a patient would be.
4. Save medication bottles, as they are refilled for reuse. IM and SQ will be given into an injection pad.
5. Wash your hands before touching the manikins.
6. No food is allowed in the simulation patient room.
7. You may have snacks and 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/Confidentiality - no cell phone pictures, or video of scenarios will not be allowed.
  - b. Scenarios and roles: TPCN, CN, Family member
  - c. Orientation videos - OB Room/Victoria/Tory/Med2Grow
2. Scenarios
  - a. Pre-brief, perform the scenarios and de-brief on 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 2359 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.