

Simulation Design Template

Course ADN 2A Unit/Clinical Rotation: OB – Labor and Delivery

Primary Health Condition Vaginal Delivery

Simulation Learning Objectives

Students participating in the Simulated Learning Experience will:

1. Utilize appropriate therapeutic communication techniques with various patients. **(GLO #5)**
2. Recognize and provide care for an obstetrical labor patient. **(GLO #4)**
3. Notify the physician using the SBAR format. **(GLO #3)**
4. Collaborate to implement appropriate nursing care for postpartum patient. **(GLO #5)**
5. Collaborate to implement appropriate nursing care for a newborn patient. **(GLO #5)**

Client Information:

Age: 36 Date of Birth: Feb 3, XX Gender: F Setting: Labor and Delivery

Name: Noelle Roberts Race/Ethnicity: Caucasian

Allergies: Betadine, Ink

Brief Description of Patient:

Noelle is a 36 yo G5P4 Caucasian female who is 38 weeks gestation. She went to her scheduled clinic appointment this morning and is in early labor. Because of a positive Group B strep, she is being admitted to the labor and delivery unit at this time. She was admitted to the labor and delivery unit. She has the EFM on and an IV saline lock has been started in her Left forearm. L&D assessment as well as IV fluids and antibiotic for Group B strep have not been completed yet. Routine Labor admission orders are on the chart.

Healthcare Provider: Dr. Smith

Healthcare Provider Orders:

Routine L&D Orders: *See chart for same*

Simulation Room Set- up:

Setting: Labor and Delivery room **Type of Manikin Used** SimMom

Props : (available for all simulations – BP cuff, pulse ox, glucometer, O2 set-up)

Additional Props:

- Single lumen saline lock in left FA
- Peripad
- EFM straps on abd
- Automatic delivery system in manikin

Initial Manikin Settings

Vitals	Lungs	Heart	Abdomen	Other
Normal	CTA	Regular	BS Present	EFM with good variability
Additional Moulage:				
<ul style="list-style-type: none"> -Single lumen saline lock in left FA -Peripad -EFM straps on abd -Automatic delivery system in manikin 				

Mock Medications Required:

- Ampicillin 1 gram practipowder vials
- LR 1000mL
- 100mL bags of Normal saline
- Oxytocin 10 units/mL vial

Documents Required (indicate what information will need to be handwritten on forms):

- ✓ SBAR Report
 - ✓ Orders
 - ✓ Med Sheets
- Routine Labor and delivery order form

Other documents:

Name: Noelle Roberts

Age: 36

Date of Birth: 2/3/XX

Timing (approximate)	Manikin Actions	Expected Interventions	Comments
Stage 1	Sitting up in bed EFM with good variability	Initial OB assessment - Dilated to 6 cm Hang LR @ 100mL/h Mix and hang Ampicillin: -1 gram practi-powder -Add 3.5 mL sterile solution -Withdraw 4 mL -Mix in 100 mL bag NS -Set secondary IV	Encourage breathing
Stage 2	VS and EFM remain WNL Breath thru contractions C/O increased pressure after ampicillin is running	SVE: 9 cm	Break down bed Prepare crib Draw up Pitocin
Stage 3	Delivery of infant	Suction at perineum Give Pitocin 10 units IM (1 mL)	

This workforce solution is funded by the IHUM Consortium which is 100% financed through a \$15,000,000 grant from the U.S. Department of Labor's Employment & Training Administration.

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