

EBP: What are the indications that Olivia Jones's preeclampsia has progressed?

Indications that Olivia's preeclampsia has progressed are things like her symptoms of hyperreflexia, elevated blood pressure, severe headaches unresolved with acetaminophen, visual changes, chest tightness, pitting edema, clonus, hypoxia, epigastric pain, and abnormal lab results

PCC/I: Olivia Jones was placed on magnesium sulfate for treatment of her preeclampsia. What are the indications for this drug, and what should be taught to the patient regarding side effects?

Magnesium sulfate's indication is to prevent seizures that would occur from the preeclampsia. Olivia should be taught about possible side effects of trouble breathing, drowsiness, and the possibility of hypotension.

T&C: What key elements would you include in the handoff report for this patient? Consider the situation-background-assessment-recommendation (SBAR) format.

Olivia Jones is a 23 y/o African American female who is a G1P0 at 36 GA. She has gained 3 pounds from her appointment one week ago. Her BP is 182/116. She has been on bed rest at home. She was admitted due to preeclamptic symptoms like headache unable to be resolved, vision changes, epigastric pains, and chest tightness. She has given 10L of oxygen and LR running at 125 ml/hr. The fetal heart rate is at 150 bpm, but she has 4+ clonus and 3+ pitting edema. She has been given 6g of mag sulfate. Her symptoms have had no improvements since she was admitted. She is waiting to be seen by a doctor.

S: What safety measures should be initiated while Olivia Jones is in the hospital?

Seizure precautions, reduced stimulation and dimmed lights, bed rest, and fall risk bracelet.

S/QI: Based on your experience with Olivia Jones's case, reflect on possible nursing actions for enhanced safety and quality improvement.

Administering oxygen, ensure she has a cleared airway and suction at the bedside, pads on rails of bed with rails up, limit guests, encourage comfort and rest

Concluding Questions:

Reflecting on Olivia Jones's case, were there any actions you would do differently? Explain.

I would have made sure I was taking all steps necessary and completing all orders on time. Difficult when unfamiliar with the simulation. Having more experience with the

simulation would cause more comfort and make more ease with the cases and simulations.

Describe how you would apply the knowledge and skills that you obtained in Olivia Jones's case to an actual patient care situation.

I would ensure that I am calm and prepared for all situations and also make sure that the team of staff members are also prepared for all possible outcomes. I would ensure I am following all facility protocols and orders from the providers for the patient. I would ensure that I have the time to properly assess and the time to make sure my patient is safe.

How did the simulated experience of Amelia Sung's case make you feel?

The more I did the simulation, the more comfortable I felt. But also, the more I did the simulation and got comfortable, the more I was learning on why I needed to ensure I was doing certain things.

Describe the actions you felt went well in this scenario.

I felt like my assessments of the patients and assisting in the delivery went well. I also knew to call the charge nurse and have the NICU ready for once the baby was delivered.

Scenario Analysis Questions

EBP: What risk factors specific to shoulder dystocia were identified in Amelia Sung's case?

Gestational diabetes, overweight or gaining too much weight during pregnancy, prolonged second stage of labor

PCC/I: Prioritize your nursing actions for Amelia Sung based on your assessment.

Monitoring FHR, vagina exam, calling for additional assistance with the labor and prepping the NICU staff for the delivery, explain to the family what is happening and other possible outcomes

EBP: List potential problems for Amelia Sung and her baby related to the shoulder dystocia.

Paralysis of arm, broken bones, nerve damage, asphyxia to baby, mother could have post-partum hemorrhage

T&C: List the interprofessional health care team that should be involved in Amelia Sung's case.

Doctor, NICU staff, OR staff, charge nurse, newborn nursery staff

S/Q/I/I: Consider what points might be included in a safety checklist related to shoulder dystocia.

Quick reactions by the nurse, ensure a quick time of delivery of the shoulder following the delivery of the head, have interprofessional health care teams ready in the delivery room to take over when the baby is delivered

Concluding Questions

Reflecting on Amelia Sung's case, were there any actions you would do differently? Explain.

After completing the scenario several times I got the steps of actions that I would need to do. I just needed to make sure I was not only focusing on the steps of labor since she was pushing when the simulation started, but making sure I am still doing routine assessments and not forgetting to do things like turn the Pitocin off.

Describe how you would apply the knowledge and skills that you obtained in Amelia Sung's case to an actual patient care situation.

After this simulation I would have more confidence on what to do with a patient who is in the same situation as this simulation. If I were in the same situation now I would have more background on this kind of delivery and the things that need to be done before and after labor.