

Pediatric Case 7: Brittany Long (Core)

Guided Reflection Questions

Opening Questions

How did the simulated experience of Brittany Long's case make you feel?

This case made me feel intrigued given the diagnosis for the patient. I have not yet had a scenario like this case, so it was new for me to deal with these concepts.

Describe the actions you felt went well in this scenario.

I feel that doing the assessment and interventions went well. The safety and communication also went well.

Scenario Analysis Questions^{*}

EBP What is the relationship between fluid and oxygen therapy in the treatment of sickle cell anemia?

Fluid therapy is important because dehydration is distinguishing characteristic of sickle cell disease. Maintaining fluids can prevent from vaso-occlusive crises, pain crisis, strokes, and infections. Sickle cell disease patients frequently experience hypoxia in tissues due to the reduced oxygen-carrying capacity of hemoglobin S.

EBP What complications might Brittany Long face if her symptoms are not recognized and treated in a timely manner?

Complication that can occur are acute chest syndrome, stroke, organ damage, pulmonary hypertension, or gallstones.

EBP What methods of pain management did you use and what other methods should be considered for Brittany Long, based on the latest evidence-based practice?

Methods of pain management I used included administering morphine, comfort measures such as providing a toy and providing a sip of their favorite drink. Other methods could include a PCA pump or NSAIDs.

^{*} The Scenario Analysis Questions are correlated to the Quality and Safety Education for Nurses (QSEN) competencies: Patient-Centered Care (PCC), Teamwork and Collaboration (T&C), Evidence-Based Practice (EBP), Quality Improvement (QI), Safety (S), and Informatics (I). Find more information at: <http://qsen.org/>

PCC/I What discharge teaching should be provided to assist Brittany Long's mother with her home care?

Discharge teaching should include signs and symptoms of crisis, pain management methods, and when to receive medical help.

S/QI Reflect on ways to improve safety and quality of care based on your experience with Brittany Long's case.

Ways to improve safety and quality of care include knowing when to ask for assistance with activities of daily living, pain management, and non-pharmacological interventions.

T&C/I Identify additional individuals who should be included on Brittany Long's care team.

Other individuals should include the primary care provider, social worker, family members and any other caretakers.

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

Situation: Brittany, 5-year-old female in sickle cell crisis.

Background: admitted to ER for pain in the right leg, was given pain medication, received oral fluids and intravenous maintenance fluids.

Assessment: Vital signs within normal limits, after morphine given pain at 0, continuous pulse ox and O2 via NC, right lower leg warm to the touch.

Recommendation: Continue monitoring pain level and vital signs and provide education on interventions and management.

QI Discuss quality-of-care indicators for the management of children with sickle cell disease.

Quality of care indicators would be mortality and morbidity rates.

Concluding Questions

Reflecting on Brittany Long's case, were there any actions you would do differently? If so, what were these actions, and why would you do them differently?

I would do the assessment different as I did not make sure to check the leg in a timely manner, as I should have done it along with the pain assessment.

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

I will apply the knowledge and skills in an actual patient care situation involving a patient with sickle cell anemia. I have learned more about the disease process, interventions, and what to look out for in these patients.