

Pediatric Case 7: Brittany Long (Core)

Guided Reflection Questions

Opening Questions

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

The first time I did the simulated experience, I felt very underprepared since I was not sure what I needed to do even after reviewed the patient's orders. After attempting the simulation the second time I felt more confident and had a better understanding of what I needed to do to help the patient.

Describe the actions you felt went well in this scenario.

I performed the proper assessments for the patient including the vital signs and getting a history on the patient. I also followed the orders by the doctor correctly before calling them. My second attempt I was able to make the patient feel better after receiving a fluid bolus.

Scenario Analysis Questions^{*}

EBP What is the relationship between fluid and oxygen therapy in the treatment of sickle cell anemia? Both treatments prevent vaso-occlusive crises, pain crises by keeping the cells oxygenated well enough to prevent the "sickle" shaping of cells.

EBP What complications might Brittany Long face if her symptoms are not recognized and treated in a timely manner? She would experience a sickle cell crisis creating more severe pain and discomfort for the patient and it can even become fatal.

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? I provided distraction for the patient using a toy before administering Morphine through the patient's IV. Other medications can be given such as NSAIDS.

PCC/I What discharge teaching should be provided to assist Brittany Long's mother with her home care? Advise the mother to be aware of possible signs of infection, signs of dehydration, be cautious of pain that does not go away with interventions, avoid sudden changes in temperature and avoid strenuous activity.

^{*} 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/>

S/QI Reflect on ways to improve safety and quality of care based on your experience with Brittany Long's case. It is important to offer other intervention for the patient before immediately administering the medication. I completed a pain assessment and decided to give pain meds before providing non-pharmacological pain relief such as the toy and a drink of water.

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

Hematologist, Social Worker, Dietitian, Pediatrician, Ophthalmologist, Neurologist.

T&C/I What key elements would you include in the handoff report for this patient? Consider the situation-background-assessment-recommendation (SBAR) format. I would include the patients situation of pain and the location of her pain, current vital signs, last dose of medication administered, history of sickle cell disease, what parent does at home to care for the patient's disease.

QI Discuss quality-of-care indicators for the management of children with sickle cell disease. Avoid painful episodes, relieve symptoms, prevent further complications, mental health assessments, Provide treatment using medications for pain.

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 review the patients orders and last time she received any medication before entering the room so I can be better prepared. I would ask questions about history of patient first before assessing the patient to better understand her acute pain. I would do these things differently so I can critical think of my patient's situation before administering any medication and to know what my main focused assessments need to be.

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

Like I mentioned before, I would review the doctors orders for the patient to know what they have on stand by and to be better prepared for the patient. For an actual patient I know the importance of getting as much information from the patient to understand the best prognosis for them before needing to call the doctor if necessary.

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