Pediatric Case 7: Brittany Long (Core)

Guided Reflection Questions

Opening Questions

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

I felt knowledgeable about the case study due to having went over this information today during lecture. It was a lot though and I had a hard time understanding what was being asked of me during the vsim part.

Describe the actions you felt went well in this scenario.

I felt that I answered the questions well and knew the answers. I also understood why the Dr. had ordered the things he ordered.

Scenario Analysis Questions*

EBP What is the relationship between fluid and oxygen therapy in the treatment of sickle cell anemia? Staying well hydrated and keeping O2 where it should be, helps to keep the blood flowing and kidneys functioning properly.

EBP What complications might Brittany Long face if her symptoms are not recognized and treated in a timely manner? Severe abdominal pain, fever, Hand-Foot Syndrome, painful joints, increase risk for a CVA, splenomegaly, hepatomegaly, kidney abnormalities, bone changes, blindness, decreased O2, and Acute chest syndrome

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 used the FACES scale and distraction by giving her a transitional object.

PCC/I What discharge teaching should be provided to assist Brittany Long's mother with her home care? Avoid strenuous exercise, cold, stay well hydrated, up to date on immunizations, stay away from sick people and seek care at first signs of sickness.

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* *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/*

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

T&C/I Identify additional individuals who should be included on Brittany Long's care team.
DR, Family, RT, Dietician, child life specialist

T&C/I What key elements would you include in the handoff report for this patient? Consider the situation-background-assessment-recommendation (SBAR) format. 5 yr old pt admitted with severe right lower leg pain due to being in vaso-occlusive crisis with a pain level of 10 and a loss of appetite in last 24hrs. Pt. was given oral pain meds in ED @ 0600 and is now at a level of 6. Pt. was diagnosed at 6 months with sickle cell disease and has been hospitalized twice, once at 4 yrs old for vaso-occlusive crisis and once at 3 for a fever. Pt. is in a large amount of pain and dehydration. I recommend a high dose pain medication and fluids to help with fluid electrolyte balance.

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

FACES pain scale, fluids, using transitional objects, interaction with pt. depending on age

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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?

When I did the vsim I wouldn't have done my job in the order that I did. I just didn't understand what was being asked of me. If I would have had better instructions, I think the outcome of the stimulation would have been better.

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

Luckily I have taken care of someone that was in sickle cell crisis so I did have a little knowledge to help me. I think the most important thing is to listen to your pt and what pain level they are telling you. It is easy to judge, but we have to remember they have lived with that type of pain for a long time and have built up a higher pain tolerance.

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