

Pediatric Case 6: Eva Madison (Complex)

Guided Reflection Questions

Opening Questions

How did the simulated experience of Eva Madison's case make you feel?

- The simulated experience made me nervous at first but after exploring the software it was really intriguing and I was excited to get to have something so close to a patient interaction on my computer. I felt like I was able to relax a little more and after seeing what I can improve on I feel like I got a step by step on what to improve. Overall, this SIM made me feel confident after completion.

Describe the actions you felt went well in this scenario.

- I felt that my assessment of the patient went well. I assessed for signs and symptoms of dehydration and I performed all my safety precautions before administering any medication. I also felt like this scenario clicked well for me after just having an exam with information about dehydration, I was able to use the things I had learned, and I knew what to assess for.

Scenario Analysis Questions*

EBP List in order of priority your initial nursing actions identified for Eva Madison based on physical findings and family interaction.

- **My initial nursing actions were to assess vital signs, assess for signs of dehydration, and administer IV fluids.**

EBP When initiating a fluid bolus for a dehydrated child, what type of fluid should be given and why?

- **Normal saline would be administered first, we would not want to administer dextrose before we did an assessment and knew what her fluid and electrolyte levels were.**

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

* 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/>

- **She may experience low bp in late dehydration, this would be a sign of potential hypovolemic shock. Hypovolemic shock is essentially when the blood cannot pump enough fluid to the body and it can cause the organs to stop working.**

PCC What measures should be initiated to decrease anxiety in Eva Madison's mother while simultaneously caring for Eva?

- **Communicate with the mother about Eva's status and keep her informed.**

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

- **A daily weight would have been another way to identify a sign of dehydration.**

S/QI What infection control measures should be taken in this case and why?

- **Contact precautions until she is diagnosed because she could potentially have a diagnosis of C. Diff which requires contact precautions.**

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

- **Eva Madison 5yo, admitted to ER with diarrhea and vomiting for 3 days, no urine output for 12 hours, Pt is dehydrated with a history of gastroenteritis. Pt weight is 20 kg, BP- 81/64, SPO2- 96% R-30 Temp.- 99. Pt is pale with dry oral mucosa and complaining of stomach pain.**

Concluding Questions

Reflecting on Eva Madison'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 have reassessed the Pt. breathing after starting the infusion. This is a safety precaution to be sure that the infusion is not too fast, and the Pt is not having a reaction.

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

- I would use the knowledge and skills I gained from this SIM to provide the best care for a dehydrated child. I would also know what signs and symptoms to watch out for and know how to treat the dehydration to prevent it from progressing to hypovolemic shock.