

Student Developed Simulation Scenario Storyboard

<p>Identified Problem/Scenario Topic and Related Resources: Sickle Cell Disease</p>	<p>Desired Overall Goal:</p> <ol style="list-style-type: none"> 1. Maintain comfort 2. Maintain SpO2 above 98% 3. Intervene appropriately 4. Maintain adequate hydration
<p>Case Summary: A 10-year-old patient, Jonny, has sickle cell disease and is presenting to the emergency department with severe pain in his joints. Jonny’s mother reports that the pain started abruptly two days ago and has worsened despite using over-the-counter pain medications. Jonny also has a history of frequent pain episodes and has been hospitalized multiple times in the past for similar issues. Jonny’s last hemoglobin level was 7.5 g/dL, and his most recent pain episode was six months ago.</p>	<p>Expected Interventions of Students: (Minimum of 5 required.)</p> <ol style="list-style-type: none"> 1. Receives bedside report 2. Begins assessment and vital signs 3. Completes pain assessment 4. Notices decreased O2 sats 5. Notices increased bilirubin 6. Notices decreased Hgb 7. Notices increased temperature 8. Notice S/S of dehydration 9. Begin IV fluids 10. Administer pain medication 11. Administer oral penicillin 12. Apply warm packs to joints 13. Encourages oral hydration 14. Reassess pain 15. SBAR hand off report 16. Communicates with family and Dr throughout
<p>Supplies:</p> <ol style="list-style-type: none"> 1. Nasal Cannula 2. IV Pump 3. IV fluids 4. Oral penicillin 5. Warm packs/compress 6. Wong Baker Faces pain Scale/numerical scale 7. Narcotic pain meds 	
<p>NCLEX Questions</p> <ol style="list-style-type: none"> 1. The nurse is caring for a pediatric patient with sickle cell disease. Which physician order should the nurse question? <ol style="list-style-type: none"> a. Apply oxygen via nasal cannula for 24 hours after all surgical procedures. b. Offer warm packs to place on painful joints. c. Give pain medication around the clock as needed based on the pain scale score. d. Restrict oral fluids. <p>Answer: D</p> 2. You’re assisting a physician with a sickle cell anemia screening. As the nurse you know that which of the following is a risk factor of sickle cell disease. <ol style="list-style-type: none"> a. Native Americans b. African Americans c. Pacific islanders d. Latino <p>Answer: B</p> 	