



# Sickle cell disease

**Deadline:** Postmarked no later than **July 1, 2018**  
**Credit:** 2 AAMA CEUs (gen/clin)    **Code:** 133280

**Directions:** Determine the correct answer to each of the following, based on information derived from the article.

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- 1. The term *sickle cell disease* (SCD) is derived from the presence of white blood cells of an irregular shape that affect the small blood vessels of the human body.
- 2. Children with SCD should not be given penicillin because this drug increases the risk of stroke.
- 3. Patients with SCD at high risk for stroke may be required to have blood transfusions each month to reduce the stroke risk.
- 4. The laws of all American jurisdictions require newborns to be tested for SCD.
- 5. The increased detection of SCD in young children has been a contributing factor to an increased average life-span of individuals with SCD.
- 6. A transcranial Doppler is a diagnostic device that measures blood flow in the brain.
- 7. The survival rate for both pediatric and adult SCD patients has improved because of major breakthroughs in treatment options.
- 8. A sickle cell crisis is defined as an episode marked by severe pain that can last a few days or more than a week.
- 9. Adults with SCD who are undergoing a sickle cell crisis are sometimes mistakenly thought to be drug-seeking addicts by emergency department staff and are denied necessary treatment.
- 10. Sickle cell trait (SCT) is a more serious condition than SCD because of the greater amount of hemoglobin A associated with SCT.
- 11. The likelihood of a child having SCD or SCT is affected by whether one or both parents have SCD or SCT.
- 12. Patients with SCD are at risk for cirrhosis because of the large number of medications they must take to prevent the health problems associated with SCD.
- 13. More health care providers can treat adult SCD patients than pediatric SCD patients.



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- 14. Individuals with SCD should avoid locations with high oxygen levels.
- 15. Although there were significant risks in the transplant procedure, some patients who have undergone bone marrow transplantation have been cured of SCD.

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