

Virginia Tech Sports Medicine <i>Review: Yearly</i> Director of Athletic Training NCAA Guideline 1f	Departmental Policy Title: Sickle Cell Trait Testing Section: Sickle Cell Testing Procedure	14 Key Function: S-A Safety
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POLICY STATEMENT: This policy insures and communicates complete and comprehensive procedures for the testing and education of athletes about Sickle Cell Trait.

PURPOSE: To provide and communicate to sports medicine staff the proper procedures for Sickle Cell Testing.

ENTITIES TO WHOM THIS POLICY APPLIES: Virginia Tech Sports Medicine.

APPENDEX:

- I. Sickle Cell Trait for the Student Athlete
- II. Sickle Cell Trait for Coaches
- III. Sickle Cell Letter
- IV. Sickle Cell State Newborn Screening Request Information
- V. Labs/Blood Draw Information

PROCEDURE:

1. All NCAA Division I institutions have to confirm the sickle cell trait status of student-athletes, before participation in intercollegiate athletics. The student athlete must provide documented results of a sickle cell solubility test administered prior to participation.
2. Student- Athlete's may be tested prior to arriving at VirginiaTech. If S-A's have previously been tested and have the documented results, they may submit those to their team ATC in person, by fax or by mail, which may then proceed to have that test verified by their team physician. The student athlete may also request their Screening information from birth and provide that documentation. The state by state Newborn Screening Request information may be found online under our Resources/Sickle Cell Facts & Information page. If student athletes are requesting Newborn Screening information, they may submit those results in person, by fax or by mail. See Appendix IV) for State Newborn Screening Request information.
3. If a Student Athlete has not been tested prior, or cannot provide the results from a prior test upon arriving to Virginia Tech, he/she will be provided the opportunity to be tested. All incoming freshman enrolling during summer session will have the opportunity to be testing during our July MASS physical date. All incoming freshman enrolling during the fall semester will have the opportunity to be tested during our August MASS physical date. All incoming freshman who schedule their physical during the summer will be given a lab form to be taken to Shiffert Health Center, where they may be tested.
4. Blood samples drawn at Shiffert Health Center will be tested by LabCorp. The results will be faxed or mailed to Virginia Tech Sports Medicine. All results must be reviewed by a team physician. See (Appendix V) for Lab/Blood Draw order numbers, cost, and turnaround time.
5. Quest Diagnostics may also be used for blood work. Schools must call 1-866-226-8046. Send the Student Athlete to <https://sicklecelltesting.medivo.com/order/am> . The athlete will pay for the SCT screening test and physician service with \$32.50 fee and print the Quest Diagnostics requisition form for laboratory service. The results will be ready between 24-48 hours. See. (Appendix V) for Lab/Blood Draw order numbers, cost and turnaround time.
6. All Student Athletes are required to read and Sign our Sickle Cell Testing Consent form, (Appendix III). They shall either consent to testing or declare that they have been tested and submitted the proper documentation to satisfy NCAA regulations. All student athletes shall consent to watch the sickle cell education video if they previously have tested positive, or test positive for the sickle cell trait during our testing process.
7. All Student Athlete's who test positive for the sickle cell trait, shall be required watch the NCAA Sport Science Institute (SSI) Sickle Cell Trait Status Education module, located at www.SSILearn.org. Upon completion of the Sickle Cell Education module, the student athlete will be required to print off the course certificate, and submit it to their team ATC. They may also email the certificate to their ATC. The Certificate shall then be scanned into our injury tracking software. All Student Athletes who test positive for Sickle Cell Trait shall also receive the information sheet; Sickle Cell Trait for the Student Athlete

(Appendix I). All Student Athletes who test positive for the sickle cell trait shall also meet with their team physician to review any questions or concerns that they may have.

8. All Coaches who have a Student Athlete who tests positive for Sickle Cell trait shall be notified of the positive test and provided with the Sickle Cell Trait for Coaches information sheet (Appendix II).