

Screening Skills: Instrument-Based Screening Device

Purpose: Automated device that measures risk factors for amblyopia, such as refractive error, media opacities and eye misalignment.	
Equipment: Approved device (SPOT vision screener, Sure Sight, Plusoptix).	
Who is Screened: Students pre-kindergarten up to age 5 years old, students with difficulty performing traditional vision screening techniques.	
Skill Steps	Notes
Screening Set Up	
Ensure appropriate lighting	Dim lighting is best for pupil dilation and accuracy of screening device
Chair for student	
Procedure	
Seat student in chair.	Some auto-refractors make noise; this is helpful for the students to draw their attention to the machine.
Follow manufacturer's instructions for screening.	
Pass Criteria for Screening Device Screening	
Follow manufacturer's instructions for screening device screening and referral criteria. It has been reported that some devices have inconsistent results. If using the SPOT device the student should be screened twice. If the two results are different, a third screening is recommended.	
Referral Criteria	
Recommended that Students Receive an Evaluation by an Eye Care Professional <ul style="list-style-type: none"> • Follow manufacturer's instructions for screening device screening • Student should be referred to an eye care professional for confirmation of screening device findings if abnormal 	This is only a screening tool, it is not diagnostic nor should the importance of a formal eye exam by an eye care professional be discounted.

Helpful Tips:

- Results will not be given using acuity measures.
- List results as pass or fail, do not list potential diagnosis.