SureSight Software Versions: FAQ's

What is the difference between the referral rates with version 2.23, and version 2.25?

As you may know, in any screening, some people will fail the screening who really don't have any of the targeted conditions (over-referrals); and some people will pass the screening who really do have one of the targeted conditions (misses). Because there is debate regarding what is the best specificity (over-referral rate) for screening, the VIP group compared sensitivities between tests and determined referral criteria at specificities of both 90% specificity (10% over-referral of normal children) and 94% specificity (6% over-referral of normal children). WA's latest software release v2.25 uses a pass/fail cut-off set for (90%) 0.90 specificity and the School Health exclusive software v2.23 uses a pass/fail cut-off set for (94%) 0.94 specificity. Version 2.25 would identify more potential cases, but also results in higher incidences of false-positive referrals. Version 2.23 may miss more potential vision problems but results are more specific in picking up targeted conditions.

Why version 2.25 was developed.

In 2012, the National Expert Panel on Vision requested that the 90% specificity software become available as part of a national initiative to consolidate preschool vision guidelines. Welch Allyn will be releasing this software version 2.25, which will be replacing V2.20 and V2.23.

Why the referral guidelines only reference 3-5 year olds.

The software version specifies 3-5 year olds because those are the ages of the children who participated in the VIP study. When testing in Child Mode, the software will display an asterisk for children who meet the referral criteria and who should be referred. Because the SureSight also has been used as a reliable, objective vision screener for ages 3 to 14 and special needs populations for over 15 years, we have included a referral guideline by age in the quick start guide document to assist in addressing suggested referral criteria for ages 6 to 14 years of age.

What is the referral protocol for the children who have special needs or a language barrier?

Each state has screening protocols that should be followed. In many cases, special education, language barriers and other hard to test students do not fall under the state mandates, or cannot be screened using existing technology. For these situations, it is recommended that you consult with the eye care specialists to whom you refer patients or with your vision program specialist. You both should agree on referral criteria, and if those criteria differ from the ones used by the software, you would use the more specific agreed upon criteria to make your referral determinations

Has the SureSight unit changed with the software options?

The new software version 2.25 provides automatic adjustments to the referral criteria and will provide an asterisk on a reading **in child mode** that may indicate the need for referral. This is meant as a convenience to customers doing vision screening, but does not impact the use of the unit. The SureSight is still the same clinically proven, fast, portable, affordable screening option you love!

I have an older SureSight. Can you show me the difference between the default referral criteria in my version, v2.23 and the new v2.25 for comparison?

Condition	Version 2.20 Referral Guidelines	Version 2.23 Referral Guidelines*	Version 2.25 Referral Guidelines*
Myopia	Final Sphere <= -1.00 Diopters	Final Sphere <= -1.00 Diopters	Final Sphere <= -1.00 Diopters
Hyperopia	Final Sphere >= +2.00 Diopters	Final Sphere >= +4.25 Diopters	Final Sphere >= +4.00 Diopters
Astigmatism	Cylinder >= +1.00 Diopters	Cylinder >= +1.75 Diopters	Cylinder >= -1.5 Diopters
Anisometropia	Difference >= 1.00 Diopters	Difference >= 3.50 Diopters	Difference >= 3.00 Diopters

*referral guideline differences for 3-5 year olds when used in child mode.

Does my device still need to be calibrated? How often?

Your screening device requires calibration every 18 months and will notify you via the screen. You will see "Cal" in the screen as well as a light notifying you that it is time to send your device in. The cost for calibration is $255 and can be sent directly to Welch Allyn or School Health.

Can I update the software version on my existing SureSight, or how would I follow a different criteria set than what my unit is set up with?

> Option 1: Send in your unit to School Health to have the software version of your choice installed for a fee of $75.00.

> Option 2: Follow the chart above to manually determine referrals that meet your programs needs.   Please note: the SureSight will provide an asterisk on a reading based upon referral criteria in the version you own.

What does it mean when an * is shown on the referral screen?

The asterisk (*) means that the screening indicates a referral, under the particular software and set guidelines for that software. Depending on the age of the child and the referral criteria your program chooses to follow the asterisk (*) may or may not be used.