

Quick Reference Guide v2.23

Pre-test Set-up

- Turn unit on by pushing any button
- Position the patient so that the test can be conducted so you are at **eye-level** and **square** with patient's eyes.



- Chose mode (child mode for 6 yr. and under) by holding button until you see the desired icon on the LCD




- Explain test procedure to the patient:
"Now I will check your eyes. Look at the red light in the middle of the blinking green lights."

Helpful Hints For Fast, Accurate Results

- Don't perform test by uncovered windows
- Dimmed light can help for those with small pupils, but too dim is difficult for those with dark irises
- Be sure the entry angle is straight and level
- Rotate unit to test left eye
- Remind patient to "Look at the red light" and monitor their fixation
- Match patient age and mode (these are noted on the print out)

Test Procedure

- Look through the peephole and align crosshair on pupil of **patient's right** eye (Left as you look at patient).
- Start at arms distance away from the patient
- Push  "GO" button on the unit
- **Check that the patient is fixated correctly on the red light throughout the test.**
- Move in toward the patient until you hear the long steady tone with high chirps above it.



Too Far:
You will hear slow, low pitched beeps
.....



Too Close:
You will hear quick, high pitched beeps
.....



Correct Distance:
You will hear steady, low tone
—————

While the unit is acquiring data, you will hear a high-pitched chirping sound over the steady low tone. 

- Hold this position until you hear the "tah-dah" sound. The test of the right eye is complete. (Testing automatically resumes after 1 second, so you do not need to press any buttons for the left eye test.)
- Without changing position, **rotate** the unit to the left eye and align the crosshair over the left pupil. Repeat test.
- At the end of the test, you will hear the "tah-dah" sound again.

If you are not acquiring data (steady tone without acquiring data chirps):

- Scan crosshair around pupil in an outward moving spiral until chirps begin, then hold this location
- Ask the patient if they can see the red light
- Aim high if testing through glasses
- Make sure patient's eyelids are not occluding pupil

Miscellaneous Information

To know if test was successful: If the unit has not gathered enough good readings from either eye, you will hear 5 tones when the test stops. - - - - You must re-test that eye.

To stop test at any time: Hold any button until 5 tones sound.

To clear a reading: press the  button once.

To retest an eye press the  button once to select eye to retest.

Reliability Number

Indicates the number of good readings obtained and their consistency based on a 1 to 9 scale (higher numbers are better)



Reliability Number

- ≥6 is typically acceptable
- 5 is marginal / repeat the test if possible
- ≤4 is poor / repetition of the test is necessary
- ☆ If the patient did not appear to fixate on the unit during data acquisition, repeat the test.

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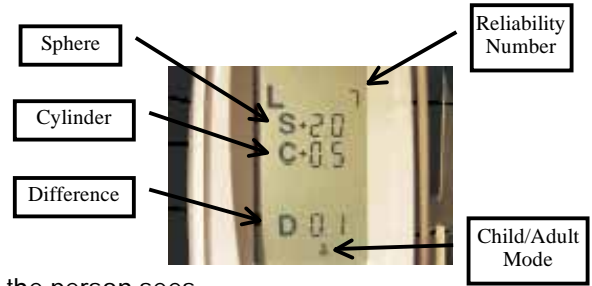
Results

S is the **sphere**, or power of the eye measured in diopters. **Negative** numbers indicate **myopia** (near-sightedness), **positive** numbers indicate **hyperopia** (far-sightedness).

C is the **cylinder**, a measure of astigmatism, or irregular focus of the eye due to an uneven curvature of the cornea. This blurs some of what the person sees.

D is the **difference** in the mean spherical power between the two eyes (displayed in child mode only).

* An asterisk on a reading in child mode indicates the reading is in the referral range for a pre-schooler (using v2.23 guidelines).



Referral Criteria for v2.23

	Pre-school Ages
Sphere	<p>Refer ≤ -1.0 Normal Refer $\geq +4.25$</p> <p>-9.9* -4.0 -3.0 -2.0 -1.0 0.0 +1.0 +2.0 +3.0 +4.0 +5.0 +6.0 +9.9*</p>
Cylinder	<p>Normal Refer > 1.75</p> <p>0 1.0 2.0 3.0 9.9*</p>
Difference	<p>Normal Refer > 3.5</p> <p>0 1.0 2.0 3.0</p>

* A +9.9 or -9.9 indicates a reading outside the unit's measurement range, which signifies a referral.

Charging Battery

- With 15 minutes of on-time remaining, low-battery indicator will flash on the display.
- When indicator is steady, battery must be charged.
- It is recommended you purchase a spare battery that you keep charged. This will eliminate down time in screening.

Printing

- Aim the IR sensor located below the sensor on the SureSight, at the IR sensor on the printer.
- Hold the button down until you hear "tah-dah."
- Keep the unit straight and level when pointing at printer.



The above referral criteria are suggested criteria only. It is important to agree upon referral criteria with the eye care specialist who will receive your referred patients.

For version 2.04 referral criteria, refer to your SureSight owners/users manual.