

# EyeSpy 20/20 Software: Transforming Eye Screens



**VISION**quest 20/20  
Because Every Child Deserves To See

## MANUAL VISION SCREENINGS



Routine Testing Typically Uses:

- Wall Chart Developed in 1862 (*distance acuity*)
- Hand-held Stereogram (*depth perception*)

## VISIONQUEST 20/20's EYESPY 20/20™



EyeSpy 20/20™ System Features:

- Video matching game format (*distance acuity*)
- Computerized Stereogram (*depth perception*)

## CHALLENGES & LIMITATIONS

- Differences in eye performance are difficult to detect.
- Kids feel pressured to “pass a test” so they may memorize the chart or peek during test.
- Proctors must receive considerable training to ensure appropriate administration and accuracy.
- Administration is not standardized and results are subject to human interpretation.
- Manual, labor-intensive data management and reporting
- Difficult to administer to many special needs populations

## OPPORTUNITIES & SOLUTIONS

- ✓ A single system that screens distance acuity and depth perception, testing for all of the most prevalent and severe vision disorders.
- ✓ Randomization of optotypes eliminates memorization
- ✓ Minimal training required and limited proctor involvement, without compromising accuracy
- ✓ Independent scientific validation by Medical University of South Carolina’s world-renowned Storm Eye Institute
- ✓ Computerization of data collection and reporting saves significant staff administration time
- ✓ Can be used successfully with many special needs populations that often cannot be tested successfully with traditional methods.