

**Children may not be able to read
or talk yet but you can already
check risk factors for amblyopia**



**Welch Allyn
Spot™ Vision Screener**

WelchAllyn®



1 out of 5
CHILDREN HAS A VISION ISSUE¹



80%

OF LEARNING
IN A CHILD'S FIRST 12 YEARS
IS THROUGH VISION²

Sources:

1. The Social And Economic Impact of Poor Vision Paper, Vision Impact Institute, 2010.
2. Gazzaniga, M.S.; Ivry, R. B.; Jangun, G. R.; Cognitive Neuroscience, the Biology of the Mind. New York: WW Norton & Co., 1998.



17%
of children in
Europe
are visually
impaired¹

2 to 5%
of children
are affected by
amblyopia³



95%
of children with
amblyopia
can be cured
when treated
before the age
of 4 years⁴

RECOVERY
of children with
amblyopia is
virtually
impossible
after the age of
8 years⁴

Sources:

3. Schmucker, Christine. Effectiveness of screening preschool children for amblyopia: a systematic review, July, 2009.

4. AsnaV (Association nationale pour l'amélioration de la Vue) (2013) Soigner l'amblyopie (perte de vision d'un œil) L'importance d'un dépistage et d'une prise en charge précoce (Treat amblyopia—loss of vision of one eye—The importance of screening and early management) [Press release], 15 May.





Spot Vision Screener helps enable the quick detection of common vision issues on patients from 6 months of age through adult.

It allows for the screening of all patients regardless of age, eye color, or other potentially limiting factors.



WelchAllyn®

Revolutionizing vision screening in children

Just a few seconds can help positively impact a child's future



TODAY

FUTURE



Detects 6 amblyopic risk factors

Myopia

Near-sightedness

Hyperopia

Far-sightedness

Anisometropia

Unequal refractive power

Astigmatism

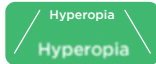
Blurred vision, eye structure problem

Strabismus

Eye misalignment

Anisocoria

Unequal pupil size



Astigmatism



- Spot Vision Screener's criteria is age specific to assist with early detection of amblyopic risk factors in children
- Allows customization of age-specific criteria to meet local guidelines



Screens individuals from 6 months of age in seconds



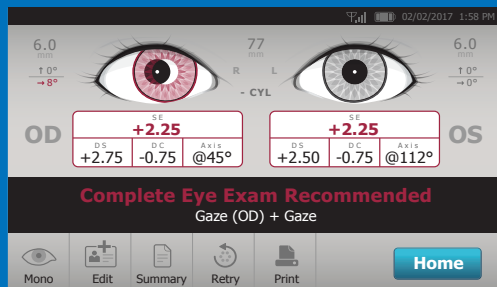
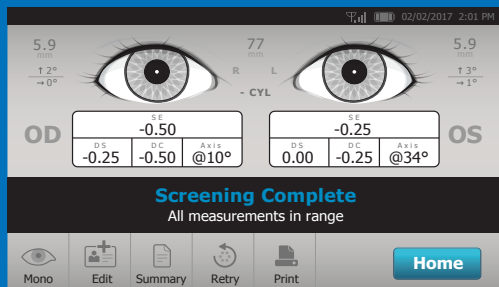
- Screens patients of all ages (6 months to seniors) in just seconds
- Screens both eyes at once from a nonthreatening 1-meter distance
- Uses lights and sounds to help engage children
- Ideal for non-verbal patients, children and patients with disabilities

Hassle free and easy to use!



- Easy to use and easy to implement
- Minimal training is required
- Doesn't require eye dilation
- Intuitive, on-screen instruction guides user through the screening
- Provides clear instructions and easy-to-understand results

Provides instant results



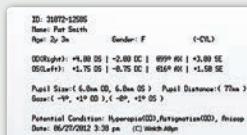
- On-screen results of both eyes displayed in seconds
- Easy-to-understand (pass/refer) results are immediately available
- Auto capture technology—automatically captures 24 images in 1.2 seconds for instant results
- On-screen results can be customized



Print and save results immediately



Customized patient report



Printed label report



Results can be sent directly to EMR

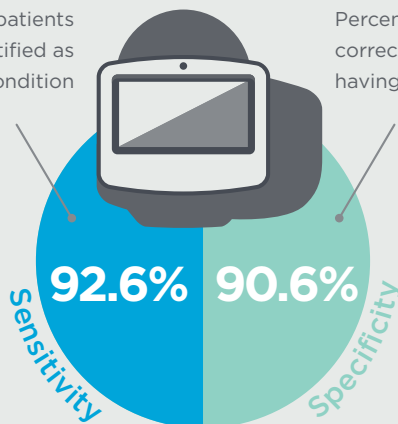


- Wireless printing and WiFi-enabled for easy export of data
- Import and export of data and settings via USB port
- Printed report can be customized with institution's banner

Clinically proven to have high accuracy

Percentage of patients correctly identified as having a vision condition

Percentage of patients correctly identified as not having a vision condition



A clinical study has shown Spot Vision Screener to have 92.6% sensitivity and 90.6% specificity.⁵



Sources:

5. Evaluation of the Spot Vision Screener in young children in Costa Rica. J AAPOS. 2015 Oct;19(5):441-4. doi: 10.1016/j.jaapos.2015.08.002.

Captures readings 97% of the time



Spot Vision Screener has been shown to have a high success rate, capturing readings 97% of the time.⁶



Sources:

6. Accuracy of the Spot and Plusoptix photoscreeners for detection of astigmatism; 2015, Mabel Crescioni, JD, DrPH, Joseph M. Miller, MD, MPH, and Erin M. Harvey, PhD.

Adapts to any workflow and is powered for mass screening events

In one study, Spot Vision Screener was used to test the vision of

537 ELEMENTARY
STUDENTS



With Spot, the entire
population was screened in
LESS THAN

5 HOURS⁷

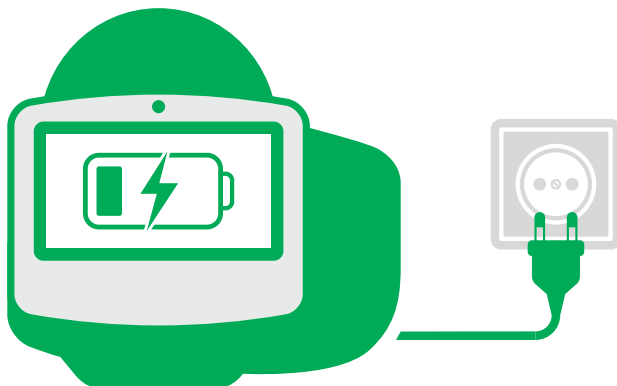


Sources:

7. Palmetto Elementary Case Study, PediaVision 2012.



Uninterrupted screenings



- Fully portable device, handheld and battery-operated
- Powered by rechargeable lithium ion battery or direct power cord

We're passionate about vision



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FREE TRIAL



LEARN MORE

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The Spot Vision Screener is intended to produce optical images that can help identify refractive errors and ocular misalignments by detecting special light reflexes from each eye during screening. The Spot Vision Screener evaluates these light reflexes from the retina to estimate refractive error. It also estimates pupil size, pupil distance and eye gaze deviation. It is intended for use on subjects six months of age through adults. Medical device (93/42/EEC) Class I(m). Manufacturer: Welch Allyn, Inc., 4341 State Street Road, Skaneateles Falls, NY 13153 USA. EC Rep.: Welch Allyn Limited, Navan Business Park, Dublin Road, Navan, County Meath, Republic of Ireland. This medical device is a regulated health product which, pursuant to such regulation bears a CE mark. Welch Allyn recommends that you carefully read the detailed instructions for safe and proper use included in the documents accompanying the medical device. The personnel of healthcare establishments are responsible for the proper use and maintenance of these medical devices. Welch Allyn reserves the right to make changes without notice in design, specifications and models. The only warranty Welch Allyn makes is the express written warranty extended on the sale of its products.