



Welch Allyn Spot™ Vision Screener



An easy-to-use portable vision screener that is revolutionizing early detection of vision disorders in children.



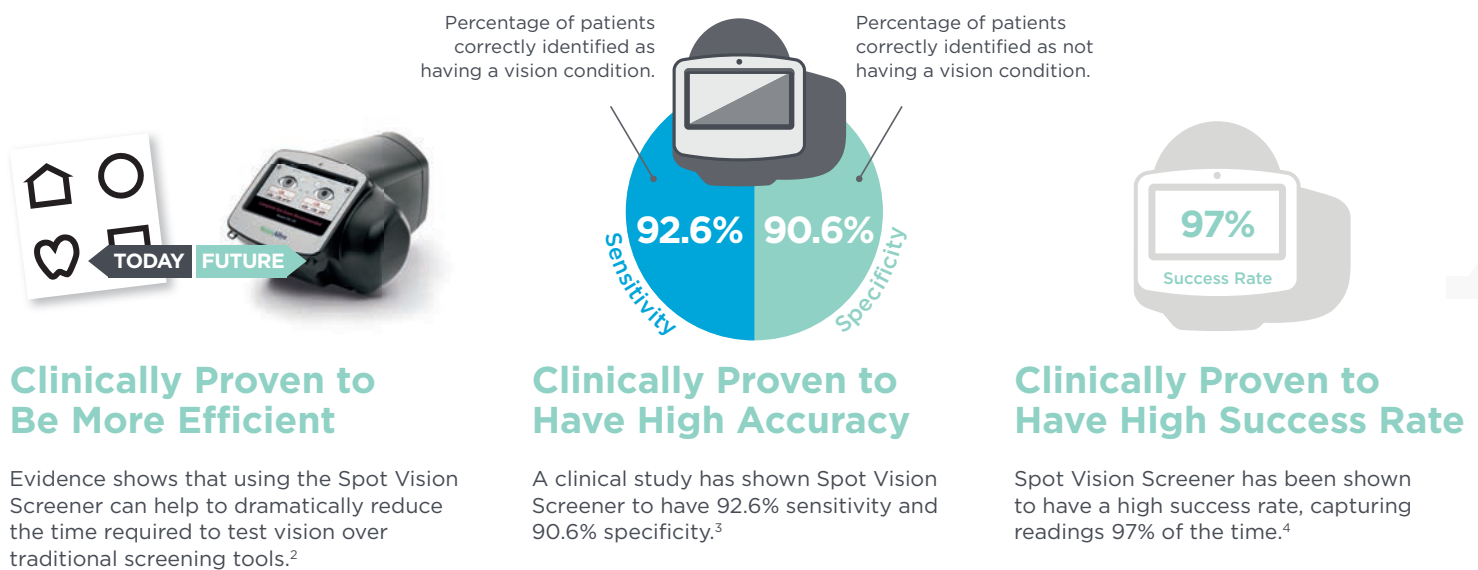
1 out of 5
CHILDREN HAS A
VISION ISSUE!

WelchAllyn®

Spot Vision Screener technology is changing the way routine vision screening is done.

“Automated vision screeners have better testability in children than traditional vision charts and allow screening of children that cannot be screened with visual acuity testing.”

Ahmed M. Kassem, MD “Automated Vision Screening”. *Advances in Ophthalmology and Optometry Journal 3 (2018) 87-100*



Clinically Proven to Be More Efficient

Evidence shows that using the Spot Vision Screener can help to dramatically reduce the time required to test vision over traditional screening tools.²

Clinically Proven to Have High Accuracy

A clinical study has shown Spot Vision Screener to have 92.6% sensitivity and 90.6% specificity.³

Clinically Proven to Have High Success Rate

Spot Vision Screener has been shown to have a high success rate, capturing readings 97% of the time.⁴



Nearly **80%** of preschool age* children **never get an eye examination**⁵

Help Prevent Amblyopia:

6 months - 3 years
(pre-verbal)

Ideal stage to detect amblyopic precursors

4 - 8 years
(assess school readiness)

Final opportunity to detect and correct amblyopic conditions through refractive measurements

9 - 15 years
(adolescence)

Changes in vision are common as the body grows; 1 in 4⁶ children at this age have a vision issue

*Preschool age varies in age from country to country.

17%
of children in Europe are visually impaired¹

2 to 5%
of children are affected by amblyopia⁷

95%
of children with amblyopia can be cured when treated before the age of 4 years⁸

RECOVERY
of children with amblyopia is virtually impossible after the age of 8 years⁸

Experience the Difference

Spot Vision Screener

- Easy to use, easy to implement with minimal user training required
- Doesn't require eye dilation
- Screens both eyes at once from a nonthreatening 1-meter distance
- Durable touchscreen display
- Uses lights and sounds to help engage children
- Provides thorough, objective and easy-to-understand results
- WiFi® connectivity and USB port to print and import/export data or settings
- Fully portable device, handheld and battery-operated
- Powered by rechargeable battery or direct power cord



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



Objective and Consistent Care

- Detect pre-amblyopic and amblyopic risk factors much easier and earlier compared to traditional screening tests
- Pass/Refer results are immediately available

Superior User and Patient Experience

- Touchscreen display makes it easy to screen and read results
- Requires minimal staff training and minimal cooperation from the patient

Coordination of Care

- Import/export patient data into records
- One-page vision screening summary reports help educate parents and inform follow-up decisions

Here's what Spot Vision Screener can detect:

Myopia

Near-sightedness

Hyperopia

Far-sightedness

Anisometropia

Unequal refractive power

Astigmatism

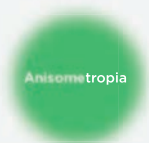
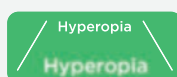
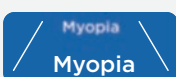
Blurred vision, eye structure problem

Strabismus

Eye misalignment

Anisocoria

Unequal pupil size



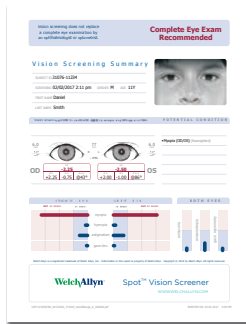
Astigmatism



Easy export of data for improved documentation and patient care



USB port



Customized patient report



Printed label report



Results can be sent directly to EMR

Ordering Information:

- VS100-2** Spot Vision Screener, EU power supply and cord, wrist strap
- VS100-4** Spot Vision Screener, UK power supply and cord, wrist strap
- VS100S-2** Spot Vision Screener, EU power supply and cord, wrist strap and carry case
- VS100S-4** Spot Vision Screener, UK power supply and cord, wrist strap and carry case

ACCESSORIES

- 10644** Spot Vision Screener Carry Case

Sources:

1. The Social And Economic Impact of Poor Vision Paper. Vision Impact Institute. 2010
2. Palmetto Elementary Case Study. Welch Allyn. 2012-2017
3. Evaluation of the Spot Vision Screener in young children in Costa Rica. J AAPOS. 2015 Oct;19(5):441-4. doi: 10.1016/j.jaaapos.2015.08.002
4. 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
5. Castanes MS. Major review: The underutilization of vision screening (for amblyopia, optical anomalies and strabismus) among preschool age children. Binocul Vis Strabismus Q 2000; 18: 217-332.
6. Zabba, Joel N. "Children's Vision Care in The 21st Century & Its Impact on Education, Literacy, Social Issues & the Workplace: A Call to Action." Journal of Behavioral Optometry (2011)
7. Schmucker, Christine. Effectiveness of screening preschool children for amblyopia: a systematic review, July, 2009
8. 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.

For more information on how to improve patient outcomes and help save vision in children and adults contact your local Welch Allyn representative. Learn more at emeai.welchallyn.com



Spot Vision Screener Microsite

Welch Allyn EMEA Customer Care
IDA Business Park - Johnstown
Navan, County Meath, Ireland
(p) +353 46 906 7700
europe@welchallyn.com

EMEAI.WELCHALLYN.COM



WelchAllyn

Hill-Rom

©2018 WELCH ALLYN, INC. ALL RIGHTS RESERVED. DOC. NO: SM4119-EU-R2 MC15451 2018-10

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.