SPOT™ VISION SCREENER
Sample Results
SPOT VISION SCREENER
Sample Results
Complete Eye Exam Recommended
Hyperopia (OD/OS)

- SE = spherical equivalent
- DS = sphere
- DC = cylinder
- Axis = axis
Vision screening does not replace a complete eye examination by an ophthalmologist or optometrist.

Complete Eye Exam Recommended

Vision Screening Summary

SUBJECT ID: 21081-13572
SCREENING: 02/02/2017 4:27 pm   GENDER: F   AGE: 3Y
FIRST NAME: Olivia
LAST NAME: Dylan

POTENTIAL CONDITION
- Hyperopia (OD): farsighted
- Astigmatism (OD): problem focusing
- Anisometropia: unequal power

Vision screening should be conducted regularly as eyes may change over time.

Right Eye & Left Eye Results
Results (In Range = blue, Out of Range = red)

Analysis of Both Eyes

Customizable Banner
A. Demographic Information
B. Cylinder Convention +/-
C. OD/OS Refractions
D. Pupil Size Indicator
E. Pupillary Distance
F. Alignment Indicator
G. Potential Condition
H. Date/Time of Test
**SPOT VISION SCREENER**  
Instant Screening Results Displayed

“Screening Complete” with the indication of “All measurements in range” is consistent with screening results below the configurable threshold setting.

“Complete Eye Exam Recommended” with indication of potential vision disorders is consistent with screening results above the configurable threshold setting.
Screening Complete
All measurements in range

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Vision Screening Summary

Subject ID: 31076-111212
Screening Date: 02/02/2017 2:01 pm
Gender: F
Age: 3Y 8M

First Name: Brianna
Last Name: Santiago

Vision screening should be conducted regularly as eyes may change over time.

Potential Condition

Both Eyes

- Myopia
- Hyperopia
- Astigmatism
- Gaze Deviation

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LEV12456088_20170202_174320_OutOfRange_0_100000.pdf

PRINTED ON 02-02-2017 2:13 PM
MYOPIA
Near-sightedness

Complete Eye Exam Recommended

Vision screening does not replace a complete eye examination by an ophthalmologist or optometrist.

Vision Screening Summary

SUBJECT ID: 31076-11234
SCREENING: 02/02/2017 2:11 pm
GENDER: M
AGE: 11Y
FIRST NAME: Daniel
LAST NAME: Smith

Myopia (OD/OS) [Nearighted]

OD:
-2.50 +/- 1.00 @86°
-2.25 +/- 0.75 @43°

OS:
-2.50 +/- 1.00 @86°
-2.25 +/- 0.75 @43°

Vision screening should be conducted regularly as eyes may change over time.

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Complete Eye Exam Recommended

**Vision Screening Summary**

- **SUBJECT ID:** 31076-113
- **SCREENING:** 02/02/2017 3:38 pm
- **GENDER:** F
- **AGE:** 3Y
- **FIRST NAME:** Charlotte
- **LAST NAME:** Williams

Vision screening should be conducted regularly as eyes may change over time.

**POTENTIAL CONDITION**

- **Hyperopia (OD/OS) (farsighted)**

**RIGHT EYE**

- **OUT OF RANGE**
  - myopia
  - hyperopia
  - astigmatism
- **IN RANGE**
  - gaze dev.
  - amblyopia

**LEFT EYE**

- **OUT OF RANGE**
  - myopia
  - hyperopia
  - astigmatism
- **IN RANGE**
  - gaze dev.
  - amblyopia

**BOTH EYES**

- **OUT OF RANGE**
  - myopia
  - hyperopia
  - astigmatism
  - gaze dev.

- **IN RANGE**
  - amblyopia

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Complete Eye Exam Recommended

Hyperopia (OD) + Astigmatism (OD) + Anisometropia

Vision screening does not replace a complete eye examination by an ophthalmologist or optometrist.

Vision Screening Summary

Patient ID: 21081-13572
Screening: 02/02/2017 4:27 pm
Gender: F, Age: 3Y
First Name: Olivia
Last Name: Dylan

Vision screening should be conducted regularly as eyes may change over time.

Potential Condition

- Hyperopia (OD): farsighted
- Astigmatism (OD): problem focusing
- Anisometropia: unequal power

Myopia
Hyperopia
Astigmatism
Anisocoria
Anisometropia
Gaze dev.

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Complete Eye Exam Recommended

Astigmatism (OD/OS)

6.0
77
0°

0°

+1.50
-2.25
@146°

+0.50
SE
Axis

+1.50
-2.25
@49°

+0.50
SE
Axis

Vision screening does not replace a complete eye examination by an ophthalmologist or optometrist.

Vision Screening Summary

SUBJECT ID: 31073-15594
SCREENING: 02/02/2017 2:21 pm  GENDER: F  AGE: 11Y
FIRST NAME: Kimberly
LAST NAME: Ryan

Vision screening should be conducted regularly as eyes may change over time.

Potential Condition

Astigmatism (OD/OS) (problem focusing)

6.0
77
0°

0°

+1.50
-2.25
@146°

+0.50
SE
Axis

+1.50
-2.25
@49°

+0.50
SE
Axis

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**STRABISMUS**
Eye Misalignment, Gaze

Vision screening does not replace a complete eye examination by an ophthalmologist or optometrist.

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**Complete Eye Exam Recommended**

**Vision Screening Summary**

- **SUBJECT ID:** 31072-12585
- **SCREENING:** 02/02/2017 1:58 pm
- **GENDER:** F  **AGE:** 3Y
- **FIRST NAME:** Sophia  **LAST NAME:** Alexander

**Potential Condition**

- Gaze (OD) (eye alignment)
- Gaze (misalignment)

**Vision Screening should be conducted regularly as eyes may change over time.**

**Out of Range**

- **OD**
  - +2.25
  - +2.25
  - +2.75
  - +2.50
- **OS**
  - +2.25

**Data Table**

- **Right Eye**
  - Myopia
  - Hyperopia
  - Astigmatism
  - Gaze dev.
- **Left Eye**
  - Myopia
  - Hyperopia
  - Astigmatism
  - Gaze dev.
- **Both Eyes**
  - Amblyopia
  - Anisometropia
  - Anisocoria

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ANISOCORIA
Pupil Size Deviations

Complete Eye Exam Recommended

Vision screening does not replace a complete eye examination by an ophthalmologist or optometrist.

Vision Screening Summary

Subject ID: 31079-12111
Screening: 02/02/2017 3:25 pm  Gender: F  Age: 11Y
First Name: Hannah
Last Name: Evans

Potential Condition

Anisocoria [unequal pupil size]

Vision screening should be conducted regularly as eyes may change over time.

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LEVY123456789_20170202_174320_OutOfRange_0_100000.pdf  PRINTED ON  02-02-2017    4:53 PM
Refractive Measurements
Consists of Sphere, Cylinder and Axis

Sphere [DS]
Measures the power of the eye for myopia and hyperopia

Cylinder [DC]
Measures the shape of the cornea

Axis
Measurable location of astigmatism

Spherical Equivalent [SE]
Equal to the sum of the value of the sphere and half of the cylinder

Pupillary Distance [PD]
Distance between the center of the pupil in each eye

Cylinder Convention
There are two different conventions for indicating the amount of cylinder: “plus cylinder notation” and “minus cylinder notation”

OD [oculus dexter]
Right eye

OS [oculus sinister]
Left eye

Binocular
Both eyes

GLOSSARY OF TERMS

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, Gaze

Anisocoria
Pupil Size is Unequal
WELCH ALLYN
SPOT™ VISION SCREENER

REVOLUTIONIZING EARLY DETECTION OF AMBLYOPIC RISK FACTORS IN CHILDREN 6 MONTHS AND OLDER.

For more information, please visit welchallyn.com/spotvision or contact your local Welch Allyn office.