



## Spot Vision Screener Sample Results

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# Data Display

pupillary distance

6.0 mm

77 mm

6.0 mm

↑ 1°  
→ 4°

↑ 1°  
→ 0°

OD

SE		
<b>-0.25</b>		
DS	DC	Axis
+4.00	-2.00	@99°

R L

OS

SE		
<b>+1.50</b>		
DS	DC	Axis
+1.75	-0.75	@16°

Complete Eye Exam Recommended

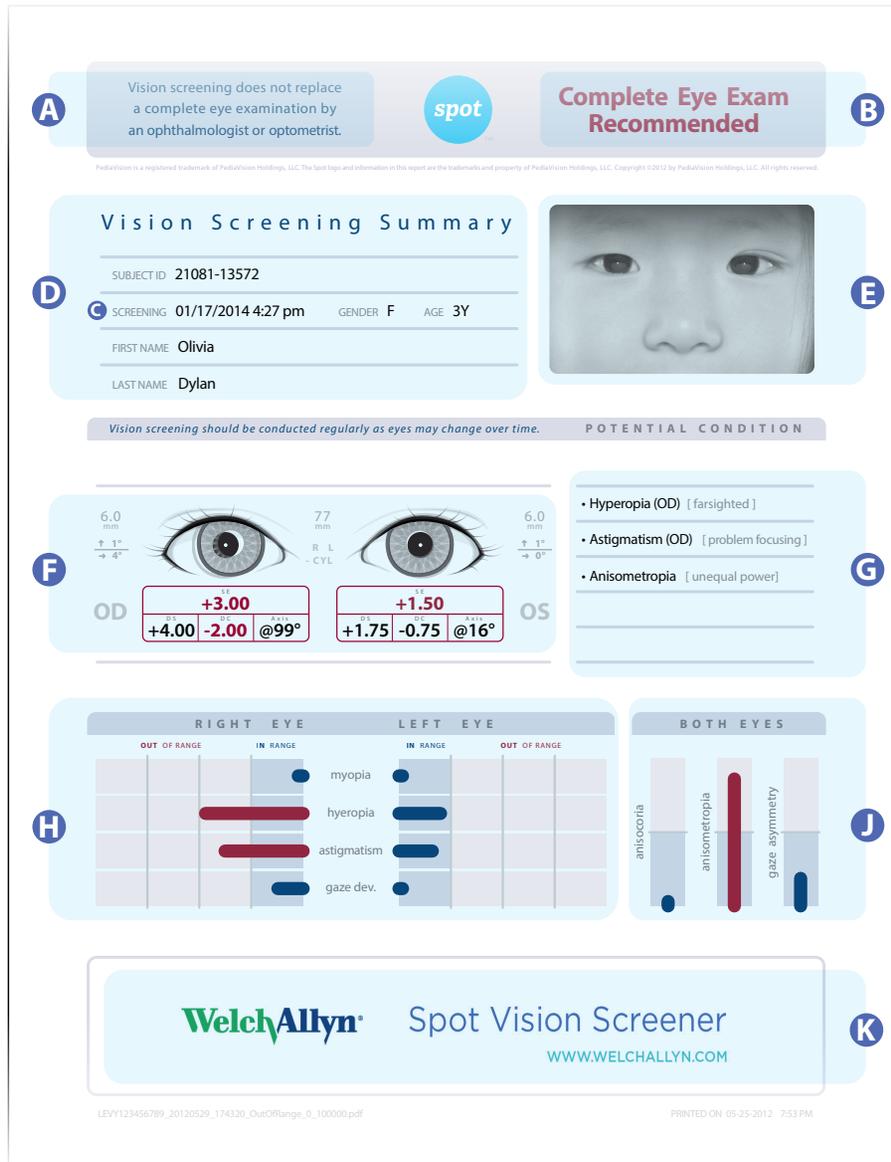
Hyperopia (OD), Astigmatism (OD), Anisometropia

Mono Edit Summary Retry Print Home

- alignment indicator
- degree:
  - ↕ vertical or
  - ↔ horizontal
- pupil size indicator
- OD = Right Eye
- OS = Left Eye
- complete refraction
- SE = spherical equivalent
  - DS = sphere
  - DC = cylinder
  - Axis = axis
- +/- cylinder convention

# Printed Report

(8 1/2" x 11" paper)



- A** Disclaimer
- B** Screening Result
- C** Date/Time of Test
- D** Demographic Information
- E** Photo of Subject
- F** Data Display *(see page 3 for detail)*
- G** Potential Conditions
- H** Right Eye & Left Eye Results  
Results (In-Range = **blue**, Out of Range = **red**)
- J** Analysis of Both Eyes
- K** Customizable Banner

# Printed Label Report

(4 ½" x 2 ½" size\*)

**A** ID: 31072-12585  
Name: Pat Smith  
Age: 2y 3m                      Gender: F                      **B** (-CYL)

**C** OD(Right): +4.00 DS | -2.00 DC | @99° AX | +3.00 SE  
OS(Left): +1.75 DS | -0.75 DC | @16° AX | +1.50 SE

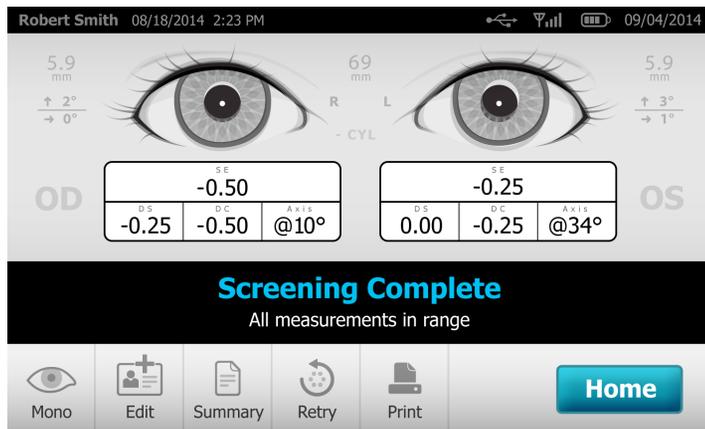
**D** Pupil Size:( 6.0mm OD, 6.0mm OS ) **E** Pupil Distance:( 77mm )  
**F** Gaze:( -4°, +1° OD ),( -0°, +1° OS )

**G** Potential Condition: Hyperopia(OD),Astigmatism(OD), Anisop  
**H** Date: 06/27/2012 3:38 pm                      (c) PediaVision

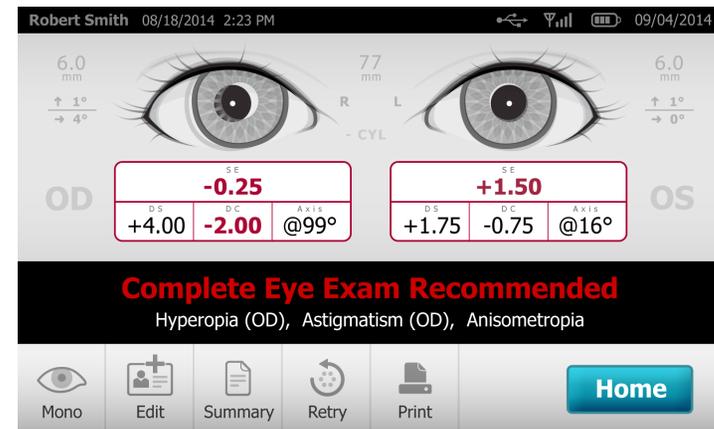
- A** Demographic Information
- B** Cylinder Convention +/-
- C** OD/OS Refractions
- D** Pupil Size Indicator
- E** Pupillary Distance
- F** Alignment Indicator
- G** Potential Condition
- H** Date/Time of Test

\*Requires Brother QL-720NW label printer as defined in the "Instructions for Use".

# 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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## Screening Complete

### Vision Screening Summary

SUBJECT ID: 40003-16554

SCREENING: 02/13/2014 2:08 pm    GENDER: F    AGE: 2Y 3M

FIRST NAME: Brianna

LAST NAME: Santiago

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

POTENTIAL CONDITION

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RIGHT EYE		LEFT EYE		BOTH EYES		
OUT OF RANGE	IN RANGE	IN RANGE	OUT OF RANGE	anisocoria	anisometropia	gaze asymmetry
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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# Myopia

[ Near-sightedness ]



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**Complete Eye Exam Recommended**

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### Vision Screening Summary

SUBJECT ID: 31273-13891

SCREENING: 04/04/2014 9:31 pm    GENDER: F    AGE: 11Y

FIRST NAME: Vanessa

LAST NAME: Smith

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

**• Myopia (OD/OS) [nearsighted]**

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RIGHT EYE		LEFT EYE		BOTH EYES		
OUT OF RANGE	IN RANGE	IN RANGE	OUT OF RANGE	anisocoria	anisometropia	gaze asymmetry
myopia	●	●	●	●	●	●
hyperopia	●	●	●	●	●	●
astigmatism	●	●	●	●	●	●
gaze dev.	●	●	●	●	●	●

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Spot Vision Screener

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# Hyperopia

[ Far-sightedness ]



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**Complete Eye Exam Recommended**

### Vision Screening Summary

SUBJECT ID: 31076-12725

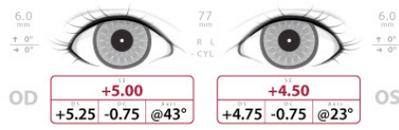
SCREENING: 06/27/2014 3:38 pm GENDER: F AGE: 3Y

FIRST NAME: Charlotte

LAST NAME: Williams



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



**•Hyperopia (OD/OS) [ farsighted ]**

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RIGHT EYE		LEFT EYE		BOTH EYES		
OUT OF RANGE	IN RANGE	IN RANGE	OUT OF RANGE	anisocoria	anisometropia	gaze asymmetry
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●



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# Anisometropia

[ Unequal Refractive Power ]



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### Vision Screening Summary

SUBJECT ID: 21081-13572

SCREENING: 01/17/2014 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

**OD**    **+3.00**    **+1.50**    **OS**  
 +4.00 -2.00 @99°    +1.75 -0.75 @16°

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

RIGHT EYE		LEFT EYE		BOTH EYES		
OUT OF RANGE	IN RANGE	IN RANGE	OUT OF RANGE	anisocoria	anisometropia	gaze asymmetry
●	●	●	●	■	■	■
■	■	■	■	■	■	■
■	■	■	■	■	■	■
■	■	■	■	■	■	■

Spot Vision Screener

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# Astigmatism

[ Blurred Vision ]



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### Vision Screening Summary

SUBJECT ID 31073-15594

SCREENING 09/05/2014 2:21 pm GENDER F AGE 11Y

FIRST NAME Kimberly

LAST NAME Ryan



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



**Astigmatism (OD/OS)** [problem focusing]

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RIGHT EYE		LEFT EYE		BOTH EYES		
OUT OF RANGE	IN RANGE	IN RANGE	OUT OF RANGE	anisocoria	anisometropia	gaze asymmetry
	myopia					
	hyperopia					
	astigmatism					
	gaze dev.					



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# Strabismus

[ Eye Misalignment, Gaze ]



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**Complete Eye Exam Recommended**

### Vision Screening Summary

SUBJECT ID: 31072-12585

SCREENING: 08/23/2014 10:38 pm GENDER: F AGE: 3Y

FIRST NAME: Sophia

LAST NAME: Alexander



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



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

RIGHT EYE		LEFT EYE		BOTH EYES		
OUT OF RANGE	IN RANGE	IN RANGE	OUT OF RANGE	anisocoria	anisometropia	gaze asymmetry
myopia	●	●				
hyperopia	●	●				
astigmatism	●	●				
gaze dev.	●	●				



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# Anisocoria

[ Pupil Size Deviations ]



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**spot** **Complete Eye Exam Recommended**

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### Vision Screening Summary

SUBJECT ID: 31011-13112

SCREENING: 08/11/2014 1:18 pm GENDER: F AGE: 11Y

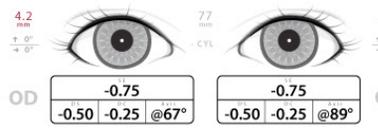
FIRST NAME: Hannah

LAST NAME: Evans



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



**Anisocoria** [ unequal pupil size ]

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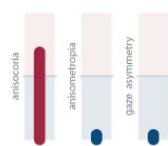


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RIGHT EYE		LEFT EYE		BOTH EYES	
OUT OF RANGE	IN RANGE	IN RANGE	OUT OF RANGE		
	●	●		anisocoria	
	●	●		anisometropia	
	●	●		astigmatism	
	●	●		gaze dev.	



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# Glossary of Terms

## **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 centers of the pupils 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

## **Monocular**

One eye

## **Myopia**

Near-sightedness

## **Hyperopia**

Far-sightedness

## **Anisometropia**

Unequal refractive power

## **Astigmatism**

Blurred vision, eye structure problem

## **Anisocoria**

Pupil size deviations

## **Strabismus**

Eye misalignment, Gaze



For more information, visit: <https://www.schoolhealth.com/spot-vision-screener-and-accessories>