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Data Display

- alignment indicator
- degree: † vertical or ‡ horizontal
- complete refraction
  - SE = spherical equivalent
  - DS = sphere
  - DC = cylinder
  - Axis = axis

$pupillary\ distance$
$pupil\ size\ indicator$
OD = Right Eye
OS = Left Eye

+$-/ cylinder\ convention$
Vision screening does not replace a complete eye examination by an ophthalmologist or optometrist.

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

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

**Vision Screening Summary**

**Subject ID**: 21081-13572

**Screening**: 01/17/2014 4:27 pm  
**Gender**: F  
**Age**: 3Y

**First Name**: Olivia  
**Last Name**: Dylan

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

**Right Eye & Left Eye Results**

Results (In-Range = blue, Out of Range = red)

**Analysis of Both Eyes**

**Customizable Banner**
# Printed Label Report

(4 ¼" x 2 ¼" size*)

| A | ID: 31072-12585  
Name: Pat Smith  
Age: 2y 3m  
Gender: F |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>(-CYL)</td>
</tr>
</tbody>
</table>
| 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)  
Pupil Distance: (07mm) |
| E | Gaze: (−4°, +1° OD), (−8°, +1° OS) |
| F | Potential Condition: Hyperopia(OD), Astigmatism(OD), Anisop |
| G | Date: 06/27/2012 3:38 pm  
PediaVision |
| H | *Requires Brother QL-720NW label printer as defined in the "Instructions for Use". |

- **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
**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 ]
Myopia
[ Near-sightedness ]
Hyperopia
[ Far-sightedness ]
Anisometropia
[ Unequal Refractive Power ]
Astigmatism
[ Blurred Vision ]
Strabismus
[ Eye Misalignment, Gaze ]
Anisocoria

[ Pupil Size Deviations ]
## 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