

Kids Sight Testing

SMLC Efforts



plusoptix Vision screening report

First name: _____
Last name: _____
Patient ID: **Emily-Smith_cataract con...**
Date of birth: **05/12/2019**
Location: _____
Date of measurement: **11/08/2019**

Refraction

	OD	OS
Spherical equivalent	n/a	n/a
Cylindrical	n/a	n/a
Axis	n/a	n/a
Gaze asymmetry	0.1	0.1
Pupil diameter	5.1	5.1
Pupil distance	62	62

Screening result

Anisometropia	n/a
Astigmatism	n/a
Hyperopia	n/a
Myopia	n/a
Gaze asymmetry	n/a
Anisocoria	n/a

Refer

Refraction was measured with Plusoptix.
Check out our range of binocular autorefractors for your clinic.
www.plusoptix.com

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Who Is Wilson?



Who was the star of “Castaway”



Who Ignited the Lions Passion for “Sight”?

History of Lions Club Sight Efforts



- ▶ Helen Keller 1925- Cedar Point, Ohio “Knights for the Blind”
- ▶ White Cane Society
- ▶ Seeing Eye Dogs
- ▶ Eyeglass Recycle
- ▶ Kids Sight Screening

In the Miracle Worker Who Starred as Helen Keller?

Who Starred as Anne Mansfield Sullivan?

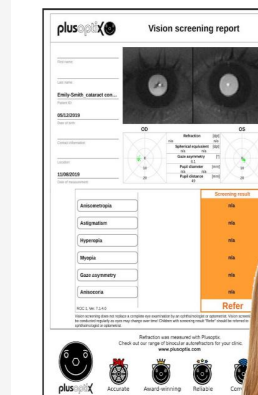
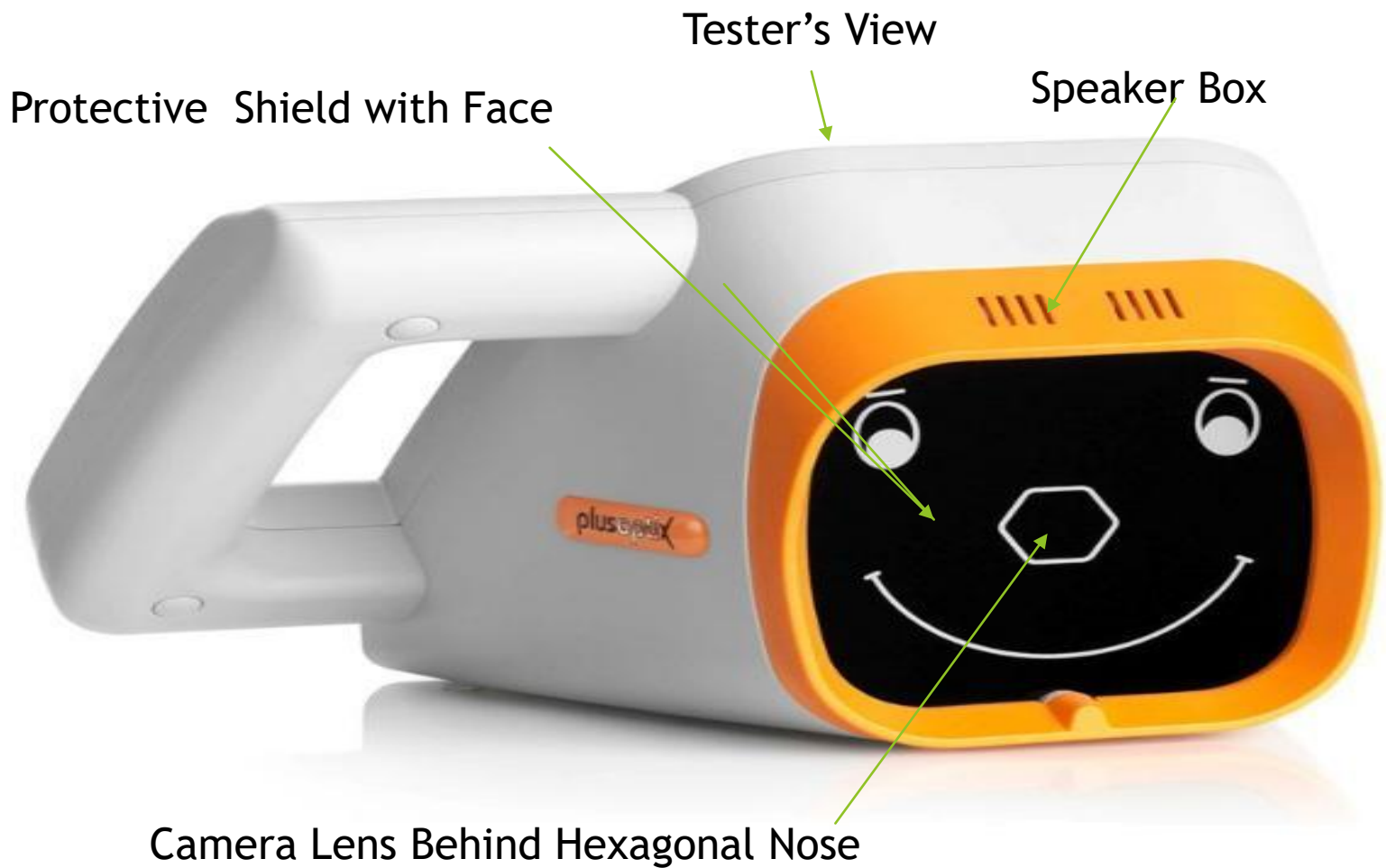
SMLC Kids Sight Testing Objective



- ▶ Our Target- Preschools in the Greater Chattanooga Area
- ▶ Ages 1-6 years of age
- ▶ Objective- Identify Potential Sight Issues before Entering into Elementary School
- ▶ Why??
 - ▶ Allow for Equal Learning Opportunities at an Early Age
 - ▶ Typical Pediatric Screening is good and may not identify all the issues
- ▶ Approach - Plusoptix Camera



SMLC Kids Sight Testing Plusoptix



Kids Sight Testing The Process



- ▶ Scheduling our visits
 - ▶ Now 14 schools and expanding ?
- ▶ Delivering Parental Consent Forms
- ▶ Insuring the Correct Facilities
- ▶ Dimly Lit Room / Comforting Environment
- ▶ Groups of 5 -8
- ▶ Greeting the Lead Child to be Tested
- ▶ Rewards post testing

A vision screening report from plusoptix. The report includes fields for Patient name, Last name, Patient ID, Date of birth, Contact information, and Location. It also features a section for Refraction with sub-sections for OD and OS, and a Screening result section with a 'Refer' button. The report is dated 11/08/2019.

Refraction	OD	OS
Spherical equivalent	-0.5	-0.5
Cylindrical	-0.5	-0.5
Axis	180	180
Prism	0	0
Prism direction		

Screening result: **Refer**

Antimetropia: n/a
Astigmatism: n/a
Hyperopia: n/a
Myopia: n/a
Gaze asymmetry: n/a
Anisocoria: n/a

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Kids Sight Testing

Potential Issues to Be Identified



- ▶ Testing is Simultaneous for both eyes
- ▶ Identified Issues
 - ▶ Hyperopia (Farsightedness)
 - ▶ Myopia (Nearsightedness)
 - ▶ Astigmatism (curvature of the eye that causes blurred vision)
 - ▶ Anisocoria (unequal pupil size)
 - ▶ Strabismus (lazy eye or eyes don't line up)



Kids Sight Testing Post Examination



- ▶ Results are Captured on the Plusoptix Camera
- ▶ Transferred wirelessly to a label Printer
- ▶ “Pass” or “Refer”
- ▶ Label Affixed to the Parental Consent form
- ▶ All forms sent to Vanderbilt for Processing and Communication to Parents and Schools
- ▶ Lions are “out of the loop”
- ▶ Great reception to this program across all schools tested



Kids Sight Testing Conclusion



- ▶ Wonderful & Rewarding Program
- ▶ 2020 was a difficult year
- ▶ Off to a good start in 2021
 - ▶ 128 kids tested
 - ▶ 4 traditional schools in scheduling
 - ▶ 3 new schools in conversation
- ▶ Come Join us!



Thank You for Your Support

