

**PRESENTATION**
October 7, 2015**DATE:** September 28, 2015**TO:** Children and Families Commission of Orange County**FROM:** Christina Altmayer, Executive Director**SUBJECT:** Pediatric Vision

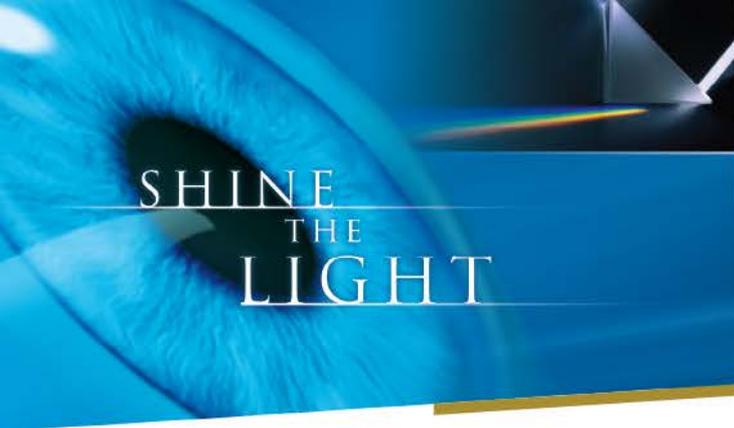
Pediatric vision care was one of the Children and Families Commission of Orange County's planning priority identified in 2012. At the May 2013 meeting, the Commission allocated \$1.5 million in catalytic funding for Orange County pediatric vision services and authorized a contract to implement the project; as further developed and approved by the Pediatric Health Services Committee. The Commission's pediatric vision services project is implemented through a contract with University of California, Irvine, The Gavin Herbert Eye Institute and CHOC Children's Hospital.

Leading the effort is Dr. Robert Lingua, director of pediatric ophthalmology at The Gavin Herbert Eye Institute and clinical professor at the University of California, Irvine School of Medicine (UCI). Dr. Lingua completed medical school at the University of Southern California and his internship at Los Angeles County-USC Medical Center (Surgery). His residency was served at the University of Medicine & Dentistry of New Jersey (Ophthalmology) and fellowship at Children's Hospital of Los Angeles, USC School of Medicine (Pediatric Ophthalmology). Dr. Lingua's clinical interests include adapting advances in adult surgical procedures to particularly difficult needs of the pediatric patient, improving eye care delivery to the special needs patient, and nystagmus surgery (for involuntary eye movement).

Dr. Lingua has served in several pediatric vision leadership positions including his more recent role on the Medical Advisory Board of "GoCheckKids" (<http://www.gocheckkids.com>), which is an iPhone App for vision screening. Dr Lingua also recently presented "Orange County Collaborative for Pre School Screening" in the opening session at the Gavin Herbert Eye Institute's Eighth Annual Colloquium. Over 100 ophthalmologists and others attended the two day meeting in Irvine.

ATTACHMENT:

1. Presentation: Vision Preservation Plan for OC Children



SHINE
THE
LIGHT

Attachment 1

Vision Preservation Plan for OC Children (VPPOCC)

Where we are in September 2015

Bob Lingua, MD

Clinical Professor, UC Irvine

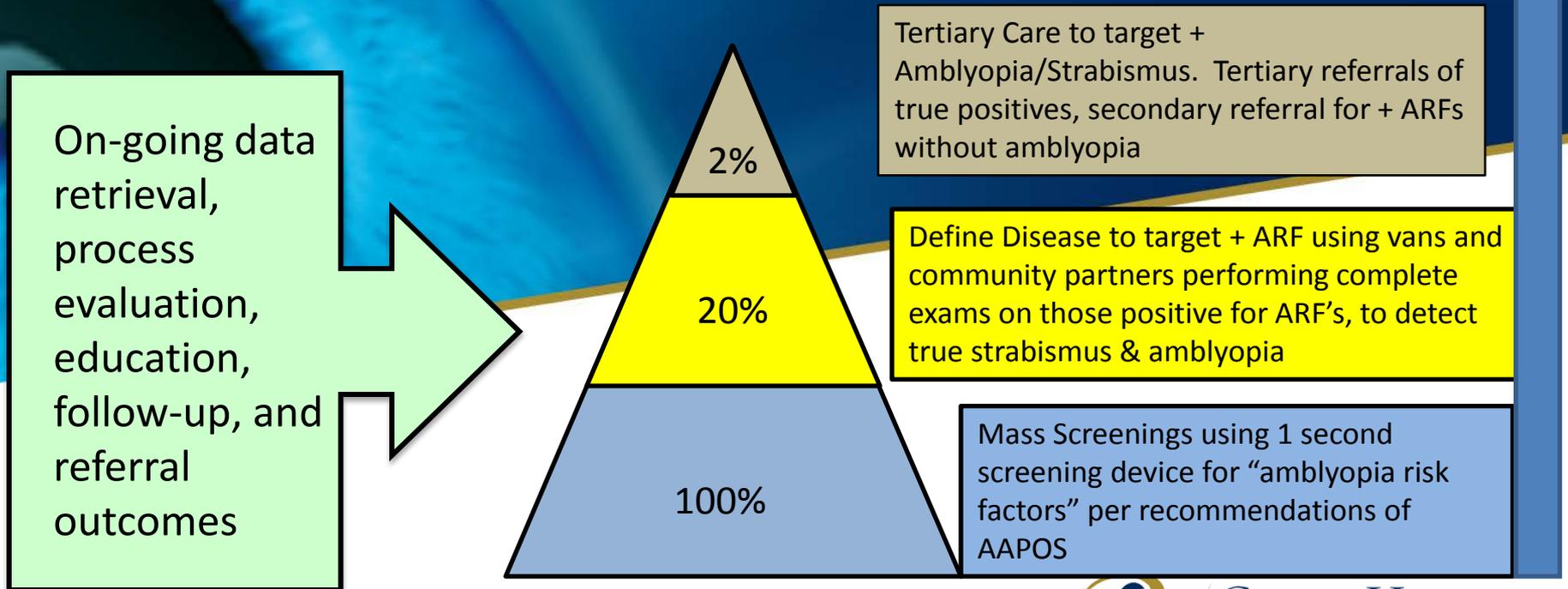
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2013: Proposed Model for Vision Screening Pathway

Outcome: All children in Orange County will have access to vision screenings to identify potential visual acuity concerns and be linked to the appropriate tertiary services.



Vision Prevention Plan for Orange County Children - 2015

- Plan
- Personnel
- Technology
- Mobile Eye Clinic-***Seymour***
- In the field...
- Going Forward...



Key Personnel

- Iliana Molina, Ph.D.
 - Program Director
 - Directed the UC San Diego Vision Screening project for > 10 years
- Kailey Marshall, OD
 - Optometrist
 - Administrative Assistance



UC San Diego Mobile Van Outcomes

- **14,000** low-income children screened in a year
- 4500 complete eye exams completed
- 2000 glasses dispensed at no cost to family
- Reversed symptoms of amblyopia (treatable vision loss) in 80% of children discovered with this program



2013: National Center for Children's Eye Health and Vision:

- Within Prevent Blindness America
- Recommendations **Published, Jan. 2015**
- A national directive to screen vision in **ALL** children 3-5 years old regardless of economic status.
- Photo-screening will play a role because of the age, and number, of targeted. children needing a ***rapid vision screening process***



School Readiness Nurse Vision Screening Project Results

Data collected from January 2009 to June 2010 indicated that:

20% of preschool children had visual acuity problems

Ca. 20,000 exams

Of these approximately:

- 25% had astigmatism
- 40% hyperopia or myopia
- 5% combination problems or eye disease
- 20% anisometropia
- 5–10% asked by optometrist to follow-up in 1 yr

These results are similar to the Statement of Need for the First 5 Los Angeles Improving Vision project.



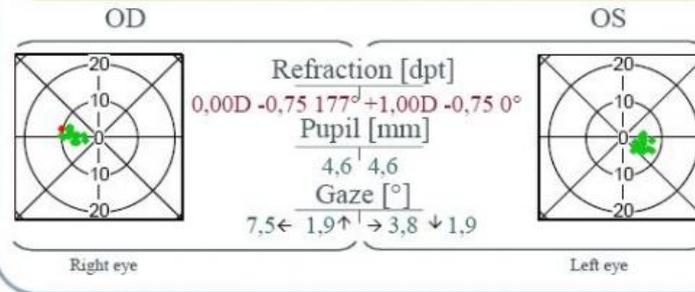
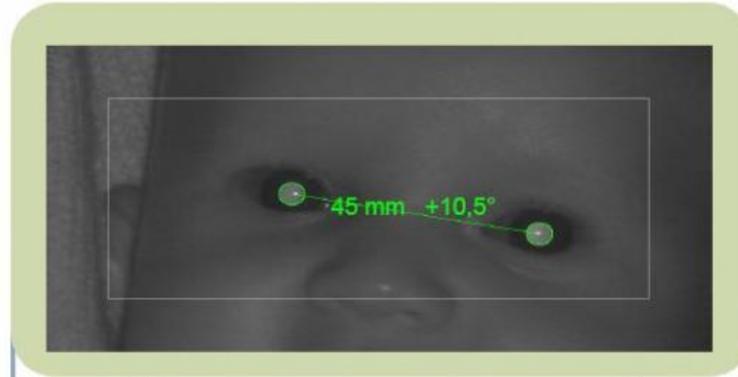
School Readiness Nurses - Key Personnel

Dian Milton, RN

- Organized PlusOptix introduction to the School Readiness Nurses of Orange County School Districts.
- Established Training toward Certification
- ***Presently,***
 - ***25 units in place,***
 - ***in the hands of 40 SRNs,***
 - ***in ALL preschools, in 25 Districts***
- Saddleback District Set for Pilot Program this fall



Rapid Vision Screening; PlusOptiX- S12 Photoscreening Validated in multiple studies.



Pass/Refer Criteria

02/02/2006
Date of measurement

Name
Müller

Surname
Lieschen

Date of birth
01/21/2005

Screening performed at:

Dr. Mustermann
Praxissgasse 22
90411 Arzthausen
Tel.: 0234/12345678
Fax.: 0234/12345679

by: Verona

Yes No



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Battle Plan:

- *40 Preschools, in the 25 school districts of Orange County, led by 40 School Readiness Nurses*
- *Seymour to provide follow up exams*
- Community Health Clinics
- UCI Main Campus
 - Festival of Discovery 10/3/2015
- Illumination Foundation/KidsVisionforLife
 - Garden Grove Community Health Fair 10/24/15







Inaugural Outing- Summer 2015

- Illumination Foundation Vision Screening at Wooden Floor, Santa Ana
- 30 children < 5 years of age screened and 3 were found to have undetected amblyopia and 6 were found to have vision significantly poor to warrant eyeglasses or educability would be limited by vision!!
- Enormous Potential to identify ARF while treatable!



Scheduled Screenings:

- UCI Main Campus
 - Festival of Discovery 10/3/2015
- Illumination Foundation / KidsVisionforLife
 - Garden Grove Community Health Fair
10/24/15



Partnerships

- KidsVisionforLife
 - Illumination Foundation/Essilor
 - With Essilor, frames and lenses will be provided for the first 1000 children
 - Sam Hahn, regional director for KidsVisionforLife also Illumination Foundation vision screening director for OC.
 - Primary opportunity to supplement School Screenings with Community events



Going forward....2015-2016

- Implement school screenings in OC preschools with School Readiness Nurses and photoscreening technology
- MROU in place with Districts
- Pilot event with Saddleback School Readiness Nurses
- Provide follow up comprehensive care on Seymour
- Establish IT for outcomes follow up



Other Funding Efforts in Progress:

- Guenther Foundation: \$1.5 million
 - Requested a formal Letter of Intent –in prep.
- Lon V Smith Foundation: \$15,000
- KidsVisionForLife: 1st 1000 eyeglasses



Thank You!!



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