

**The Oregon Vision Health Network**  
**A Vision For The State**

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**Learning Objectives**

1. Discuss innovative community-based strategies outreach strategies that deliver vision care directly to historically underserved communities through utilizing a mobile health delivery model, advance ophthalmic imaging and telehealth infrastructure, and skilled community-based care coordination teams.
2. Identify potential areas for expansion that builds upon effective community partnerships to apply new care delivery and coordination models to increase access to vision care at the community level.
3. Discuss how empowering community health workers, who are strategically embedded in communities, are uniquely positioned to help address the social determinants of health for historically underserved communities.

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**Casey Eye Community Outreach Mission**

To bring the power of a world class eye institute to serve rural and underserved Oregonians.

**CASEY'S OUTREACH TEAM**



**MOBILE EYE CLINIC DRIVERS**

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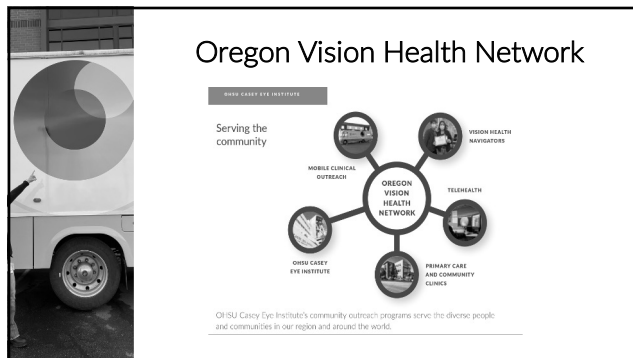
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**Oregon Vision Health Network**

**FROM CASEY EYE INSTITUTE**

Serving the community

VISION HEALTH NAVIGATORS

TELEHEALTH

PRIMARY CARE AND COMMUNITY CLINICS

OREGON VISION HEALTH NETWORK

MOBILE CLINICAL OUTREACH

OHSU CASEY EYE INSTITUTE

OHSU Casey Eye Institute's community outreach programs serve the diverse people and communities in our region and around the world.

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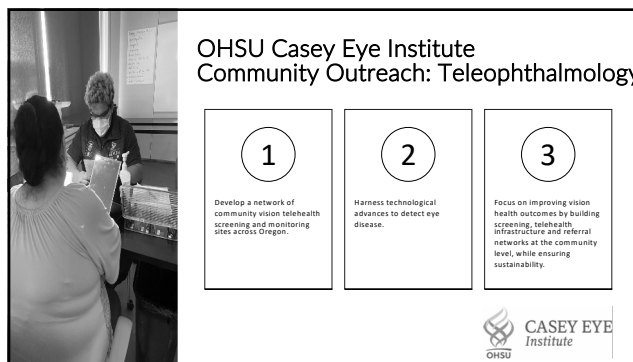
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**OHSU Casey Eye Institute  
Community Outreach: Teleophthalmology**

1. Develop a network of community vision telehealth screening and monitoring sites across Oregon.
2. Harness technological advances to detect eye disease.
3. Focus on improving vision health outcomes by building screening, telehealth infrastructure and referral networks at the community level, while ensuring sustainability.

**CASEY EYE Institute**  
OHSU

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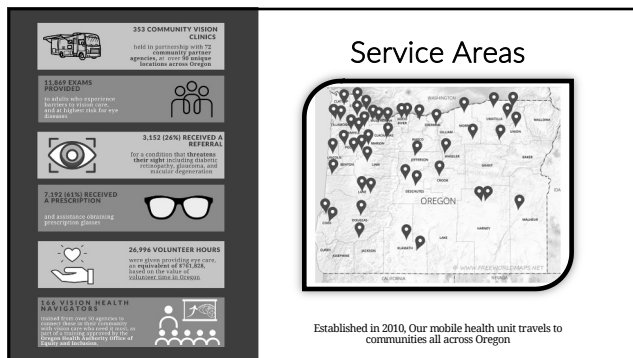
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**Service Areas**

**353 COMMUNITY VISION CLINICS**  
In partnership with 72 community-based agencies, we serve 46 unique geographic areas across Oregon.

**11,849 EXAMS PROVIDED**  
Screening and monitoring for eye disease.

**8,552 (24%) RECEIVED A REFERRAL**  
For a condition that threatens their eyes or causes discomfort, visual impairment, and quality-of-life issues.

**7,192 (61%) RECEIVED A PRESCRIPTION**  
018 eyeglasses (including contact lenses).

**26,996 VOLUNTEER HOURS**  
were given supporting eye care, an equivalent of \$12.5M based on the value of volunteer time in Oregon.

**166 VISION HEALTH NAVIGATORS**  
Trained Oregonians are deployed to provide vision care and education in underserved areas, and to help people access eye care and eye health services.

Established in 2010, Our mobile health unit travels to communities all across Oregon.

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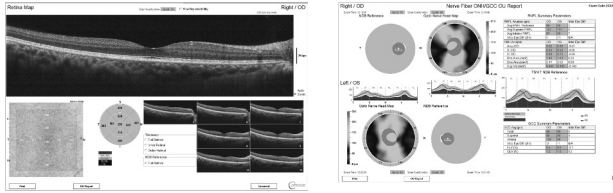
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### Optical Coherence Tomography



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### Diagnostic Accuracy Pilot Study

- Run a pilot from September 2022 to May 2023 before fully launching the telehealth expansion.
- Analysis on pilot data include a diagnostic accuracy review to ensure the vision screening protocol is effective and adaptable.



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### Pilot Study Protocol

- Complete a full definitive exam on a scheduled mobile health vision screening clinic
- Add optical coherence tomography on all participants to the clinic
- Add visual field to half of the participants with a defined screening protocol that include risk factors for glaucoma



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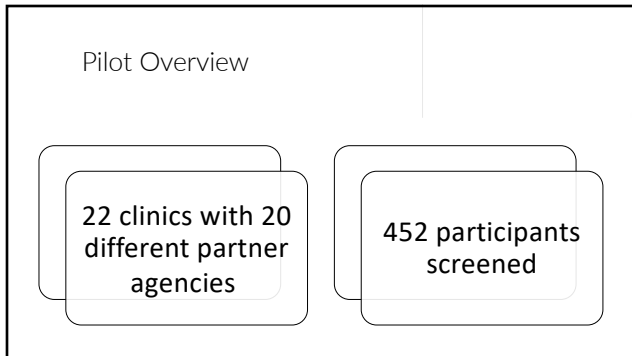
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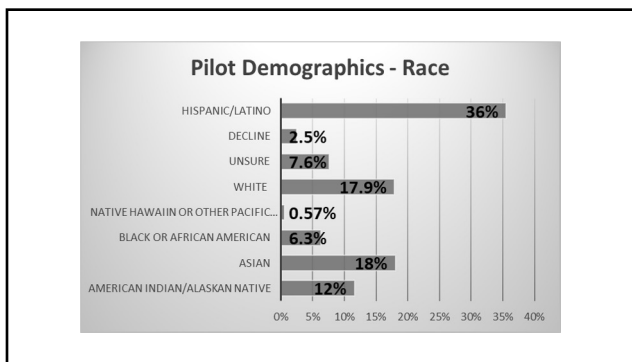
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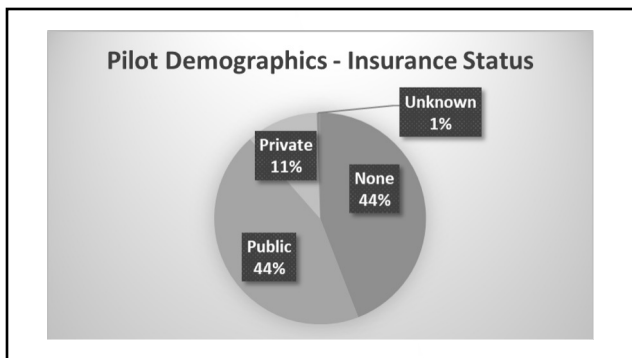
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### Pilot Findings

203 (44.9%) Referrals

61 (13.5%) Retinal Disease

47 (10.4%) Glaucoma Suspects

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### Pilot Lessons Learned

- Confirmed which of the OCT images are adequate for screening
- OCT set up and moving out of the mobile
- Patient considerations for image capture
- Best practices to improve image quality



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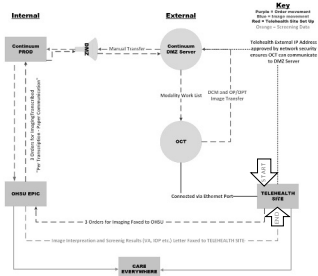
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### Clinical Workflow



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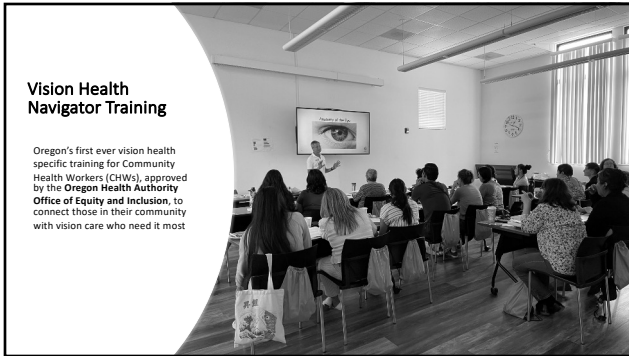
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### Vision Health Navigator Training

Oregon's first ever vision health specific training for Community Health Workers (CHWs), approved by the Oregon Health Authority Office of Equity and Inclusion, to connect those in their community with vision care who need it most

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### Objectives of the Vision Health Navigator Training

- To better understand the prevalence and causes of preventable blindness and the social and environmental factors that increase the risk of blindness for Oregonians.
- To learn how to perform basic vision screenings and risk assessments to identify individuals who may benefit from seeing an eye care professional.
- To identify local, state and national resources that can provide assistance for under-insured individuals needing eye care.

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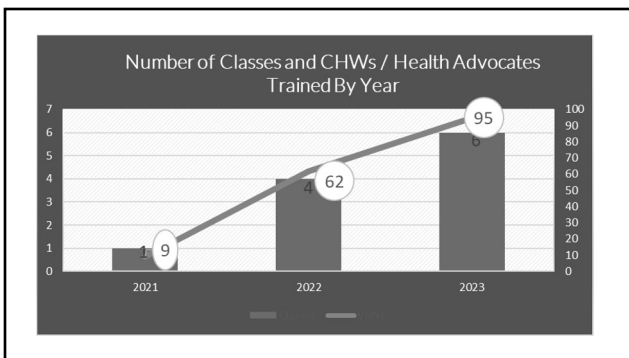
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**Vision Health Navigators' Training Comments**

- 🌟 *"This is a wonderful training that will give us the opportunity to provide more access to our patients in our community."*
- 🌟 *"Awesome training; I appreciate everything from the signs driving to the reserved parking, refreshments and the amazing work you do. I look forward to working with you and referring patients to you; Awesome job"*
- 🌟 *"I really appreciate giving us this training and take it back to the community to support them and teach them. Thank you."*
- 🌟 *"It was great! The Vision Health Navigator training was UH-MAZING!! I learned so much and got so many goodies and resources! One such resource is gift certificates through VSP/Casey Eye Institute that cover eye exams and eyeglasses. We can use this resource for overflow if anyone has someone who needs access to vision care. I also have assessment supplies to check eyes here in my office to base my referrals. It's going to be a very beneficial resource for our clients!"*

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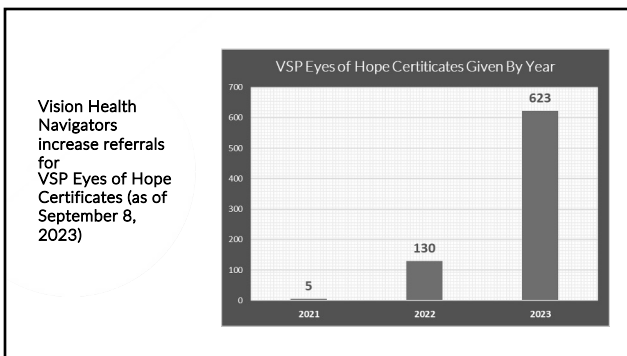
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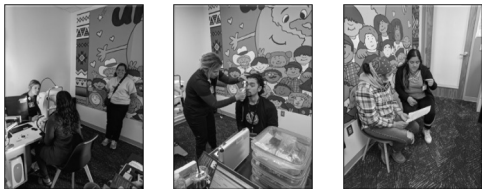
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Strategic Partnerships and Alliances:  
Investing in dedicated and talented local clinic staff



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