

Community Ophthalmology & Remote Access Programs (CORAP)

Annual Review of Flagship Initiatives
Community Outreach Committee Seminar 2025

Team Members

csremoteaccess@upmc.edu / 412-642-5415



Dr. Jake Waxman

Program Director & Vice Chair of Ed.

waxmane@upmc.edu

Vision Institute Comprehensive Eye Clinic
G.180



Brenda Kirk

Ophthalmic Technician & Clinical Lead

kirkb2@upmc.edu

Vision Institute Telemedicine Suite
G.341

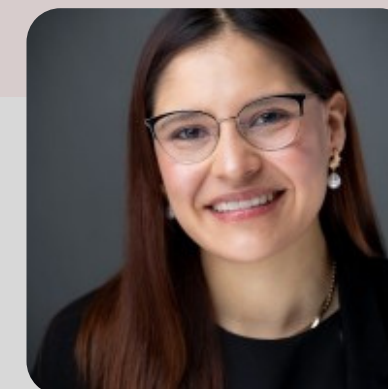


Zeila Hobson

Program & Research Project Manager

hobsonz@upmc.edu

Vision Institute Telemedicine Suite
G.346

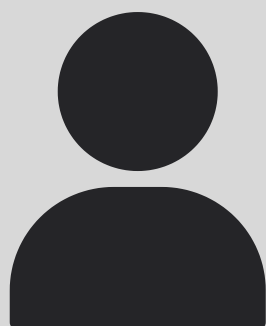


Dr. Valeria Villabona-Martinez

Outreach Coordinator & Research Fellow

villabonamartinev@upmc.edu

Vision Institute Telemedicine Suite
G.341



Tyler Banash

DRS Project Specialist

banasht@upmc.edu

Vision Institute Telemedicine Suite
G.341



Flagship Initiatives In 2025

MOBILE EYE CARE FOR OLDER ADULTS & UNDERSERVED POPULATIONS

Deliver eye care to underserved populations and older adults by meeting patients where they are. Our mobile models ensure early detection, timely treatment, and improved follow-through, preventing avoidable vision loss.

REMOTE SCREENING: EARLY DETECTION OF EYE DISEASE

Close the CMS-identified care gap in diabetic eye screening by integrating remote imaging into primary care, enabling early detection and treatment of asymptomatic diabetic retinopathy before vision loss occurs.

Mobile Clinic Services

Basic & Comprehensive Eye Exams (Adult & Pediatric)

- Visual Acuity Testing
- Updated Glasses Prescriptions
- Imaging / Disease Screening: Diabetic Retinopathy, Glaucoma, Cataract, Macular Degeneration and more.

Scheduling & Insurance

- Follow-up Appointment Scheduling
- Insurance Counseling / Letters of Referral
 - We facilitate Medicaid/Medicare applications and secure UPMC Financial Aid & Emergency Medical Assistance.
 - Patients insured out-of-network receive a letter of referral to share with their in-network providers.

Eyeglasses

Uninsured patients are eligible to receive a pair of glasses from the Changing Life Through Lenses program.

Insured patients receive updated prescriptions and donated frames.

Mobile Clinic Models

Indoor Clinic

- eyeVan used as transport and storage for equipment
- Increased accessibility for patients with mobility issues
- Exams facilitated in gymnasium, rec. room or adjacent community space that can accommodate multiple exam lanes (15-20ft) for increased patient volume
- Allows for optimal exam conditions:
 - Temperature
 - Lighting
 - Increased patient privacy
 - Higher-bandwidth wireless connection



Outdoor Clinic

- eyeVan used as exam room
- Optional, additional exam lanes set-up next to eyeVan in parking lot, park or adjacent outdoor community space (sub-optimal exam conditions)
- Allows facilitation of exams for underserved populations without the need for a secondary space

Hybrid indoor-outdoor models are also being piloted.

Key Patient Metrics: Mobile Vision Clinics

Mission of Mercy (MOM24)

November 2024

- 360 women
- 269 men
- 3 nonbinary individuals
- Average Age = 50

eyeVan Clinics

February 2025-September 2025

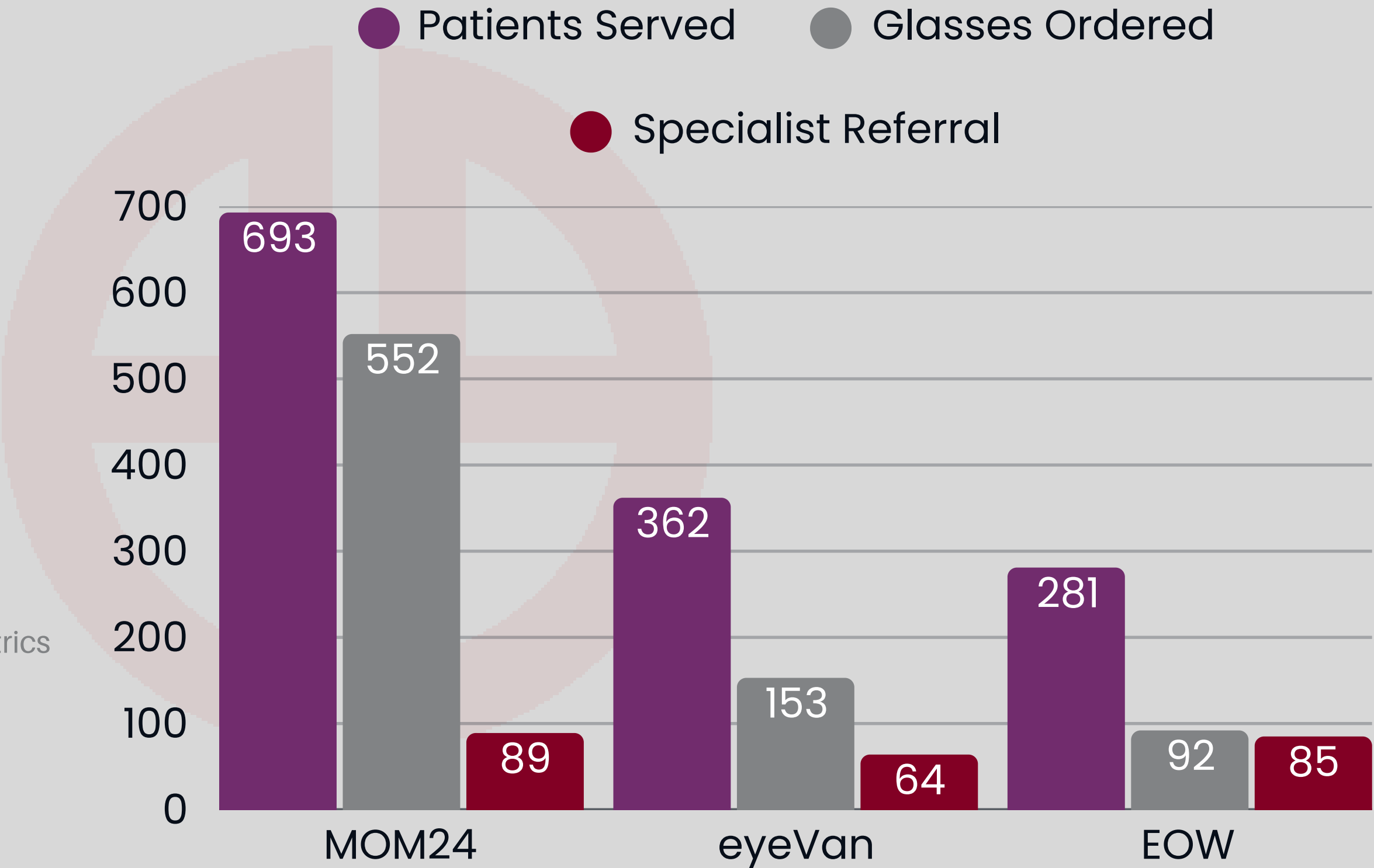
- 162 women
- 83 men
- *Average Age = 56

*Excludes Washington High School clinic metrics

Eyes On Wheels (EOW) Missions

January-September 2025

- 78 women
- 86 men
- Average Age: 48



September 2024-September 2025

Patient Testimonials & Case Studies: eyeVan Mobile Vision Clinics

Patient S / eyeVan @ North Highlands Phase 2

Q1 2025

Patient S, an insured individual over the age of 60, is wheelchair bound & rarely leaves her apartment due to lack of mobility. Her gratitude for the mobile vision services was tangible. She became emotional when expressing thanks for CORAP's on-site presence. Susan related that she felt "cared for" & was delighted that CORAP can provide her annual eye exams down the hall from her apartment.

Jean / eyeVan @ Thelma Lovett YMCA

Q2 2025

"Hello, my name is Jean and I'm here with UPMC Vision. They came to see us through the Macedonia FACE program. We are very grateful that they came in. This is part of our health and we want to keep well. I participated along with many other participants. Thank you so much for coming in... I filled out a survey, I got a thorough eye exam with the eye drops and now I'm moving on to the next stage but thank you very much for coming to see about us and I am going to be referring your organization to my church."

Patient Testimonials & Case Studies: eyeVan Mobile Vision Clinics

Patient J / eyeVan @ Homewood Community Engagement Center

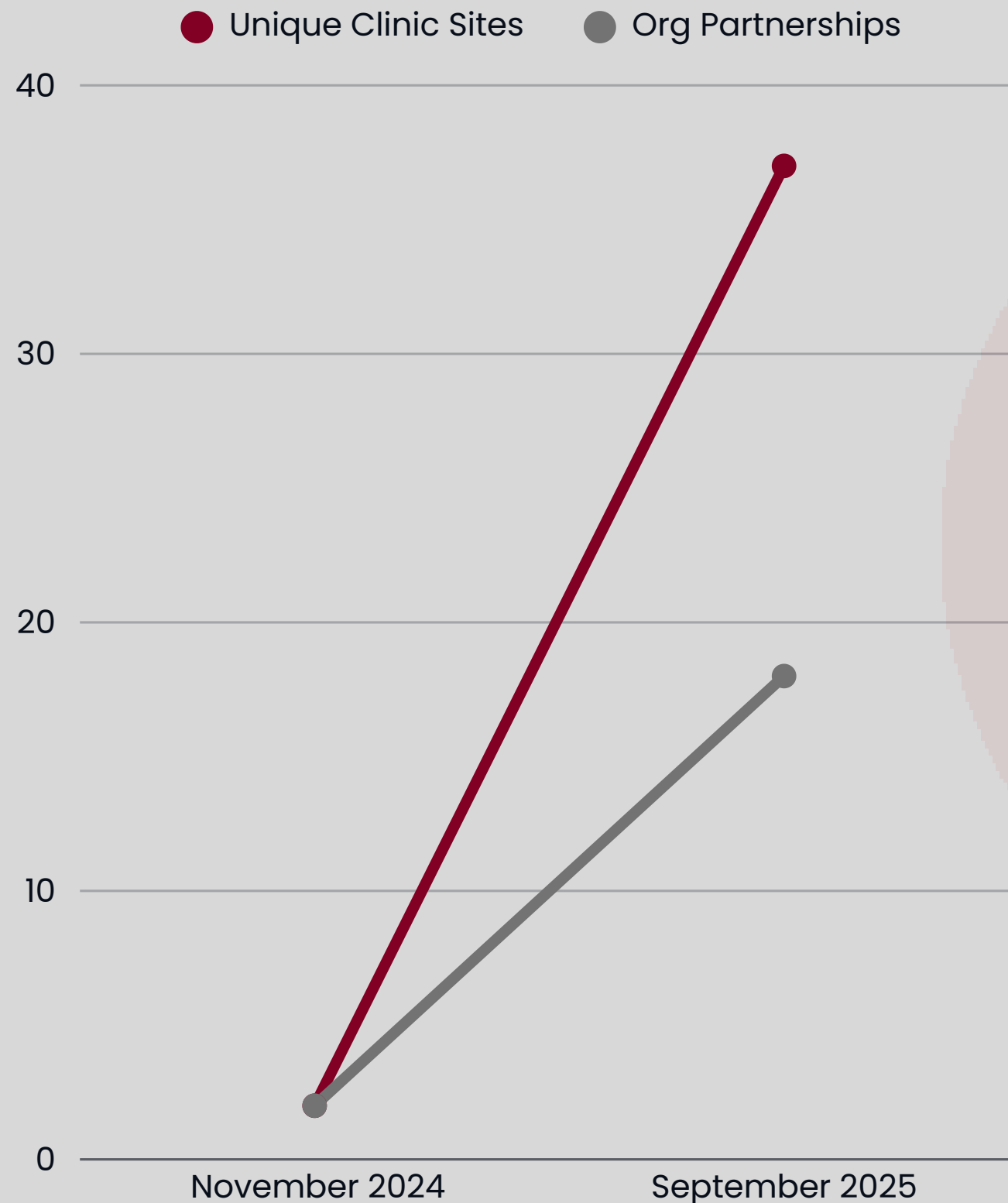
Q2 2025

Patient J, a 79-year-old insured individual, was referred from an EyeVan clinic at the Pitt Med School of Health and Rehabilitation Sciences Wellness Pavilion, located in the Homewood Community Engagement Center. He presented with symptoms of cataracts and glaucoma, both of which were confirmed during follow-up visits at the UPMC Vision Institute.

Given the severity of his cataracts and their impact on vision, he underwent successful cataract surgery in both eyes. He is now being monitored for glaucoma. At his most recent post-operative visit, Patient J reported improved vision.

53% of eyeVan referrals in Q1-Q2 2025 have expected surgical outcomes.

Mobile Clinic Progress & Iteration: Summary



- **743 patients were seen via eyeVan + EOW 9/24-9/25**
- CORAP exceeded their goal of 20+ partner sites by the end of Summer 2025, boasting **nearly 40 unique sites** as of September 1.
- **Internal infrastructure and clinic protocols**, including integration into the UPMC Ophthalmology ecosystem, were built, documented, and continuously iterated.
- **Research designs and deliverables** were produced and submitted for approval and publication, utilizing CORAP patient data.

Larger Scale Clinics

Mission of Mercy (MOM25)

November 2024 - Annual

Two day, mass clinic event offering vision, dental and hearing services to underserved populations at no cost.

Washington High School Glasses Drive

September 3, 2025 - Biannual

Updated prescriptions and free eyeglasses for underserved students at Washington High School, the majority of whom failed their vision screenings last school year.

UPMC Community Vision Day 2025

Bimonthly or Quarterly

Mass eye clinic events at the Vision Institute. Pilot clinic scheduled December 6.



MOM25 is scheduled for October 24-25. [CLICK HERE](#) or scan the QR Code to register as a volunteer.

Flagship Initiatives In 2025

MOBILE EYE CARE FOR OLDER ADULTS & UNDERSERVED POPULATIONS

Deliver eye care to underserved populations and older adults by meeting patients where they are. Our mobile models ensure early detection, timely treatment, and improved follow-through, preventing avoidable vision loss.

REMOTE SCREENING: EARLY DETECTION OF EYE DISEASE

Close the CMS-identified care gap in diabetic eye screening by integrating remote imaging into primary care, enabling early detection and treatment of asymptomatic diabetic retinopathy before vision loss occurs.

Diabetic Retinopathy Screening Cameras (DRS)

iCare DRS



40+ diabetic retinopathy screening cameras are deployed in primary care and endocrine offices to address the 50%+ CMS care gap for diabetic eye screening.

Secure image transmission with 24 to 48-hour expert interpretation.

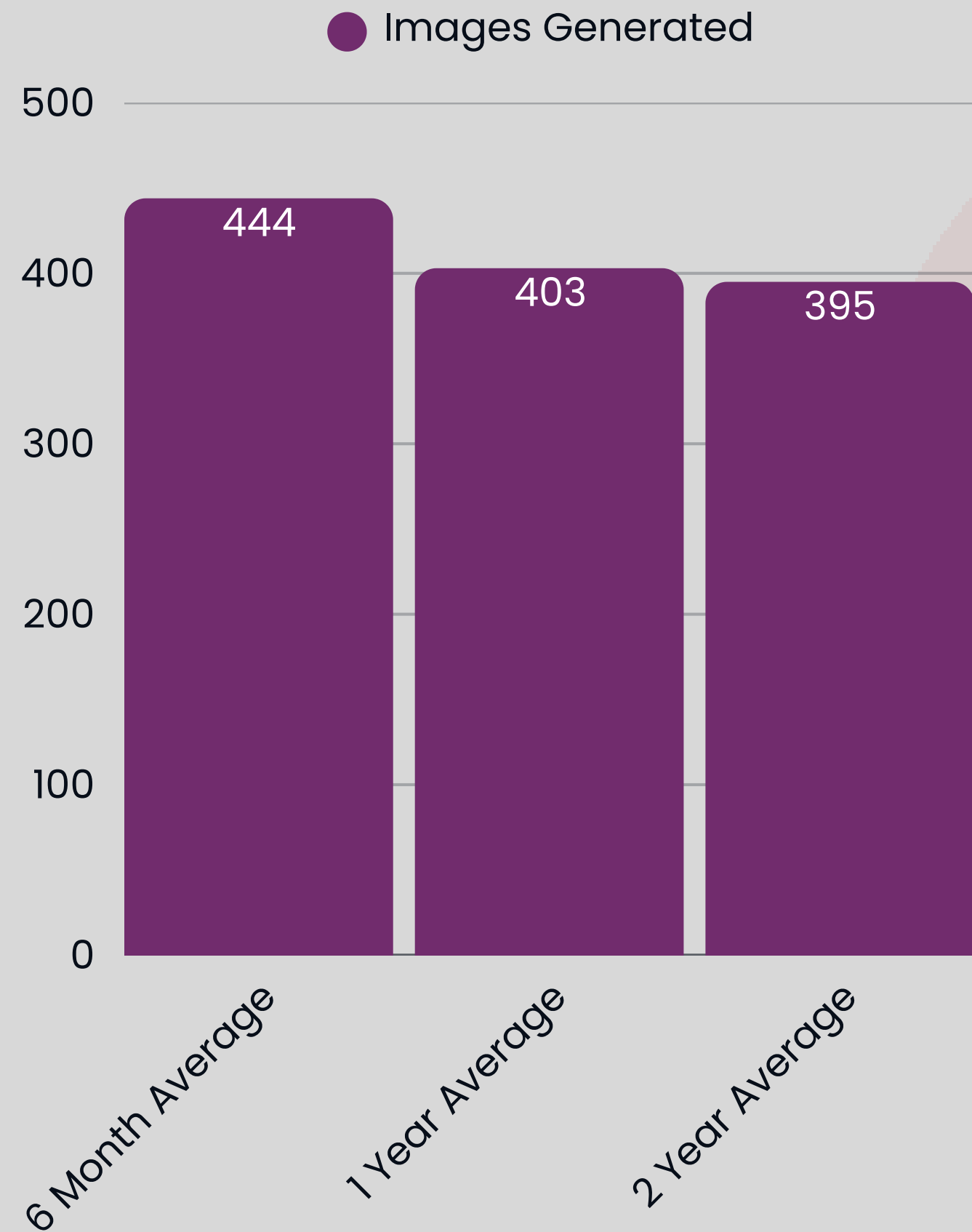
All cameras were audited in 2025, allowing for reallocation of several devices and expansion to UPMC Western Maryland.

These camera placements reduce unnecessary in-person exams, decrease the burden on patients without retinopathy and free specialists to focus on patients needing treatment.

iCare DRS Plus



DRS Optimization Progress & Next Steps



Qualitative interviews of all partner site stakeholders are in progress, as is the development of a preliminary report based on the device audit.

Training Materials: updated

Training Sessions: most sites re-trained

Sharing a monthly report (as of Q2) with stakeholders has already positively impacted metrics.

CORAP has entered collaborations with relevant University of Pittsburgh departments to onboard student researchers interested in analyzing DRS metrics to produce research projects and deliverables.

Diabetic Retinopathy Screening Events

Alliance Church Health Fair

March 16, 2025

CORAP used their iCare DRS Plus to screen older adults at the Spring health fair hosted by UPMC Magee Women's Hospital, resulting in several New Patient referrals to UPMC Ophthalmology.

PA Eye Day 2025

April 26, 2025 - Annual

State-wide screening event targeting diabetic retinopathy patients with open care gaps for retinal imaging. Partnered with UPMC Health Plan, Sheep Inc Health Center and 9th Street Clinic - McKeesport.

East Liberty Diabetic Retinopathy Clinics

May 21, 2025 - Quarterly / Next Clinic: September 30

CORAP technicians transport and operate additional retinal imaging cameras to East Liberty Health Center to augment their patient capacity for quarterly diabetic retinopathy screening events on-site.

Patient Navigation

CORAP supports uninsured patients in need of specialist follow-ups to secure coverage and/or financial aid for their medical bills.

~35 patients currently rely on CORAP, namely Dr. Valeria Villabona Martinez, to track and maintain their coverage processes in collaboration with partner site social workers and the Pennsylvania Health Access Network.

As CORAP's mobile clinic initiative increases in scale, the deficits in patient navigation services for underserved patients seeking coverage for vision services further reveal themselves; to mitigate financial barriers to care, CORAP seeks additional partnerships and earnest, sustainable collaboration with UPMC Health Plan.



Thank you, Dr. Villabona-Martinez!

Additional Topics: ask us about them!

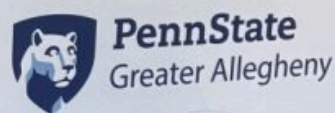
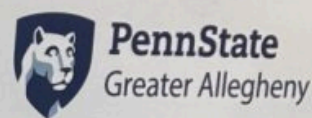
- Ophthalmic device approvals and clinical trials
- Expanding eyeVan target demographics
- Compliance and billing protocol development (or lack thereof) for mobile vision clinic services
- Refinement of eyeVan clinic protocols: scheduling, clinic workflows, and follow-ups
- Ophthalmic device integration into Emergency Departments and Primary Care locations
- Integrating full-service, on-site ophthalmology telehealth suites in Primary Care locations

CORAP is a small team managing several massive, interconnected project scopes reliant on cross-team collaborations with various internal and external stakeholders to complete sub-projects.

For the sake of time, we focused on our flagship initiatives but are always open to further discussion!



THANK YOU!



UPMC
LIFE CHANGING MEDICINE



Relevant Links

- [eyeVan Events 2025](#)
- [Q4 2024 Stakeholder Report](#)
- [Q1 2025 Stakeholder Report](#)
- [Q2 2025 Stakeholder Report](#)