

San Gabriel and Pomona Valleys Retinal Telehealth Program

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Overview of Approach

➤ **Challenge:**

- 9-12 month wait for annual eye exam
- Limited infrastructure and resources

➤ **Approach:**

- Leverage an existing community partnership and telehealth technology to increase access to early detection and treatment of sight-threatening diabetic retinopathy

Resources / Process Requirements

Staffing / Coordination

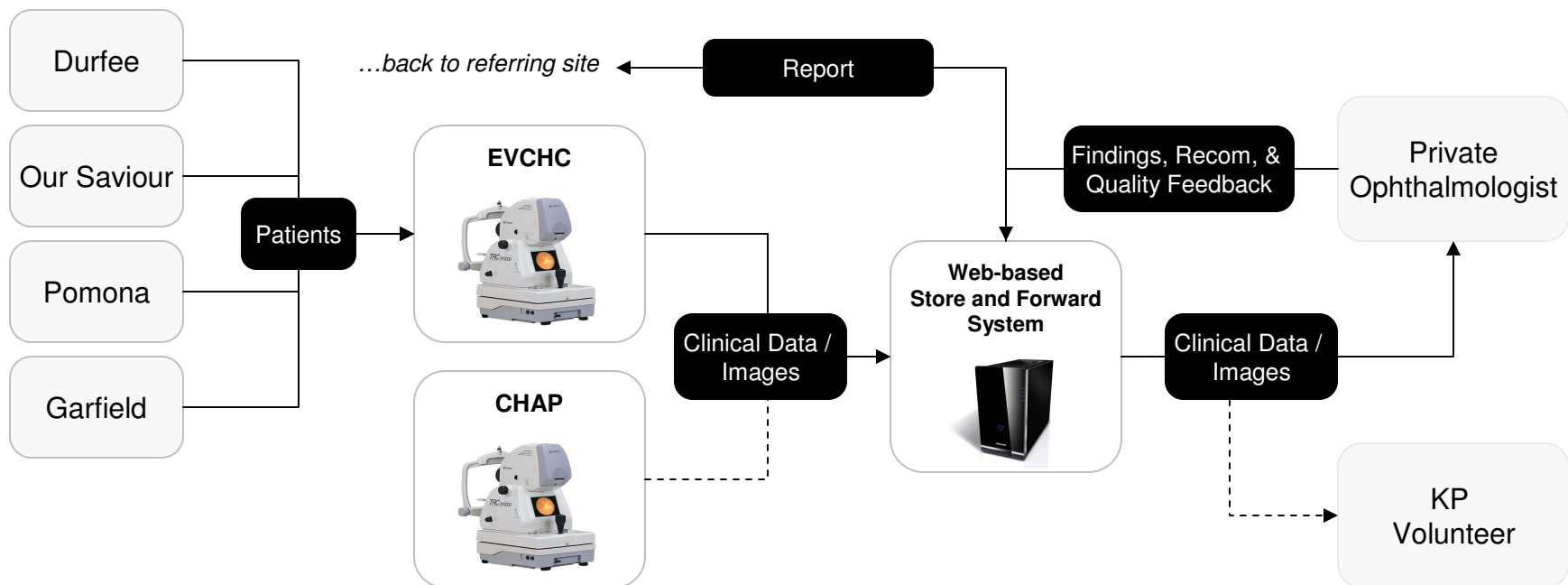
- Transportation
- Site referrals
- Image capture
- Operational QI

Technology

- Retinal Camera
- Image/Consult Mgmt. System
- Structured Feedback

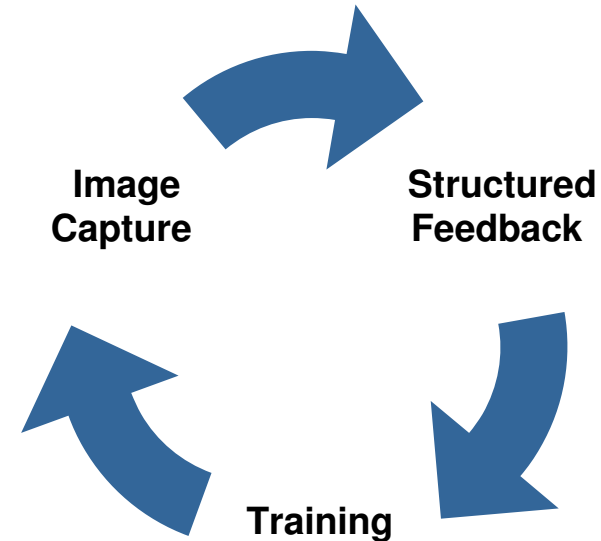
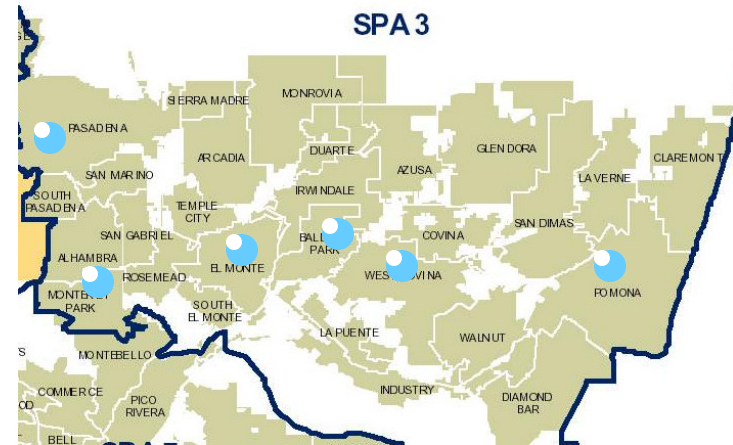
Eye Care Specialists

- Interpretation
- Access to expedited referral



Critical Success Factors

- History of collaboration
- Shared resources
- Funding for technology and project support
- Structured mechanism for monitoring image quality and providing training / support for new and existing staff



Outcomes

- 5 sites actively coordinating to provide retinal telehealth services for indigent population
- Interpretation of retinal images for over 2000 patients
- < 4% of images considered inadequate for interpretation
- Some appointments obtained for expedited referrals in as little as 4 weeks

Challenges / Lessons Learned

- Turnover impacts demand for training and support; operational QI and support are important factors to anticipate
- Early detection does not ensure patient compliance
- Does not replace a comprehensive eye exam

Questions?

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