Project Factsheet

Vision Impact Project Overview

- Four-year project launched in 2022
- Targets 10 of the 47 counties in Kenya
  - 7 currently live: Bomet, Embu, Kajiado, Kiambu, Kwale, Meru, Vihiga, with funding from BMZ and/or CBM.
  - 3 counties awaiting funding but ready to go
- Ambition to scale nationally
- Currently implementing school, community and household screening

Aims to:
- Improve inclusive access to quality eye health services to 5.3 million people
- Strengthen health systems across all levels of health care
- Aligned with Kenyan Ministry of Health’s National Eye Health Strategic Plan, Kenya’s Vision 2030 and the WHO’s vision priorities
- Powered by Peek:
  - Peek signed Data Processing Assurance Agreement with Ministry of Health, which enables national scale potential
  - Data-driven programme from design to real time data analysis

Rapid Assessments:
- RAAB7 survey series across 12 counties (additional counties supported by Fred Hollows Foundation)
- Planning to conduct a school eye health rapid assessment (SEHRA)
- These will enable vital understanding of the eye health need in Kenya

Key Facts on Kenya

- Population: 53 million people across 47 counties
- 7.5 million Kenyans (15%) in need of eye health services
- 1.6 million (21%) currently able to access eye health services (public or private)
- 1 ophthalmologist per 1 million people

Project Partners

- cbm
- Peek Vision
- The Fred Hollows Foundation
- KWALE EYE CENTRE
- Operation Eyesight Universal
- AICHI
- Sabia Eye Hospital

- Screened over 1 million people
- Connected over 150,000 people to eye health they needed
- Trained 708 people to use Peek software
- Connected 453 health facilities, 1,974 schools, and 584 community health units (composed of 5,000 people each) across seven counties
Spotlight on: Bomet

- Situated in the Rift Valley region in Western Kenya
- County population of 875,689
- 129 screeners trained, 146 health facilities connected and 838 schools
- Implementing partner is Tenwek Hospital

“Before we were equipped to use Peek, I would not know the number of people who would turn up for an outreach camp and this had two major consequences. If my medical colleagues attended an outreach with a poor turn out, it would be a wasted day as they left their normal duties at the hospital and would be reluctant to attend another outreach. On the other hand, when there is a high turn out that we are unable to see everyone and are turned away or give up due to long queues yet it might have been their only chance to receive treatment. The community also loses its confidence in the programme.

Since Peek was introduced, I see timely data from the community screeners and know how many patients have been referred. I can plan an outreach with clarity depending on the clinicians and supplies at hand. If need be, we can split the outreaches to allow us give quality services to the patients we are expecting. We are also better prepared because of the extra insights on breakdown of conditions to anticipate in the outreach through Peek. We thank CBM for introducing Peek to our community and for CBM’s generosity ensuring all those who need treatment receive it. It has been a total game-changer.”

Faith Langat - Programme Manager, Tenwek Hospital, Bomet County

Using data to increase patient access

48% 65%

Whilst wider system strengthening and scaling is important, it is equally vital to use data from Peek to make improvements at the county or even village level. An example of this was low numbers seen between screening and referral appointments.

Faith (see right) and team sampled those who did not turn up for their referral from screening. They learned that for many the referral was too far to travel. They adapted the programme so that outreach triage took place within one week in churches and other community centres much closer to the village centres. Patient adherence rose to 65%.
Emmanuel's Story: a shared impact

Emmanuel is a boy from Bomet who dreams of being an engineer. However he was falling behind in school and his teacher noticed he was unable to see the blackboard or read and write properly. With limited financial resources, Emmanuel's mother didn't know what to do to help her son.

A school outreach programme, as part of the Vision Impact Project, screened Emmanuel using Peek and referred him for further testing. There, it was identified that he had cataracts, and he was referred to Tenwek Hospital for free surgery, funded by CBM.

This has been life-changing for Emmanuel, as he explains:

"I can see much better now as I can see things I could not see before the operation. More than ever, I am looking forward to studying harder."

Emmanuel is one of over 150,000 people connected to the care they need since the Vision Impact Project began. There are many millions more across Kenya who do not know where to turn for treatment. Together CBM, Peek and our many partners aim to make people like Emmanuel visible to health systems and able to access the care they need.

“Before embracing use of Peek in our eye health programme in Kenya, we had struggled with getting real time data to assess individual screeners and overall programme performance. We also did not have a systematic mechanism for tracking all referrals to ensure effective delivery of eye health services. With Peek, a click of a button provides us with real time data that has helped us continuously learn and make decisions in a timely manner. Referral tracking has been made much easier and now we are able to support patients in response to their various needs.”
Strengthening the health system

“The Vision Impact Project is a health system strengthening project aimed at improving access to eye health services in Kenya. Using Peek technology we have been able to screen over a million Kenyans in communities and schools. The project provides the required equipment to ensure that those who present themselves at the different levels of care are able to access services. We are also looking into the groups of members of the community who are not able to take up the referral services or take up the services. We understand the barriers they are facing and plan to intervene. The Vision Impact Project, using Peek technology, is thus a very cost effective and worthwhile investment for us here in Kenya. Thank you CBM. Thank you Peek.”

Dr Michael Gichangi
Head of the Ophthalmic Services Unit,
Ministry of Health, Kenya

Peek in Kenya

• Peek’s early activities started in Kenya and we have conducted multiple research projects here, prior to the VIP launch.
• Peek is named in the National Eye Health Care Plan as a key eye health stakeholder and validated mHealth provider.
• We have signed a nationwide data processing assurance agreement. This allows Peek to be used in any county, which will be vital for scaling.
• We are working with MoH to:
  ◦ undertake operational research
  ◦ develop scale up plans for the use of Peek nationwide
If you are interested in learning more about Peek Vision please get in touch: enquiries@peekvision.org

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