



HEAL Foundation – TB screening programme partnership

Case Study



The challenge

The HEAL Foundation is a non-governmental organisation operating in India that acts as an intermediary receiving funds from donor organisations in the healthcare industry as part of their CSR projects. It supports the Indian government's goal of eradicating tuberculosis (TB) by providing project management and on-the-ground delivery of TB screening programmes.

The Foundation was looking for ways to improve its oversight of these large TB screening programmes and identified the need for a digital solution that could improve the coordination and collaboration of the TB programme office. It needed a 'digital bridge' to transfer images more rapidly between portable X-ray devices deployed in the heart of the community to cloud-based AI servers, labs, hospitals and the programme office.



Solution

Working as the technology partner for the HEAL Foundation, Bleepa® is deployed linking the portable X-ray device in a mobile health van to the cloud-based AI screening tool supplied by 5C Network – a technology company applying AI to medical imaging. Bleepa® facilitates smoother X-ray and AI based screening to patients as part of active TB case finding in Gorakhpur, Uttar Pradesh. The CSR initiative is funded by Viatris, a global pharmaceutical company.

Once the X-ray is completed, our Feedback Connect software acquires the image directly from the X-ray imaging software and sends it to the Bleepa® cloud. Here it is anonymised for data privacy before sending it to 5C Network's AI tool, which processes and interprets the images and sends a structured report back to the Bleepa® app.

Both the images and reports are accessible in Bleepa® to the team from multiple locations around which they can easily communicate and can refer X-ray positive patients to labs for follow up tests. Auto reports and notifications are sent by Bleepa® which helps the HEAL programme office to review, track and monitor the TB screening programme remotely.

"We are delighted that our partnership with Feedback Medical as our technology partner has reached this significant milestone for our community TB screening programme in Gorakhpur. Its Bleepa® technology gives us a real-time view of AI screened X-ray results of TB positive patients so that we can take prompt follow-up action in a patient's care pathway. In addition, Bleepa® enables us to manage and deliver programme oversight remotely, providing greater support in harder-to-reach communities."

Dr Swadeep Srivastav
Founder Chairman, HEAL Foundation

Conclusion

Bleepa® removes the barrier of digital connectivity, linking to any third-party AI server and X-ray imaging software, creating the digital bridge bringing all stakeholders together for a real-time view, greater oversight and collaboration. To date 3,384 patients test results have gone through Bleepa® and of those 749 have tested positive for TB.

With Feedback's field-based diagnostic and pathway capabilities and HEAL Foundation's pioneering, on-the ground approach, the collective aim is to deliver community-based TB screening projects, funded initially by third-party donors, to support the Indian government's goal of eradicating tuberculosis.

The focus is to bring a 21st century screening service to every community in India, even to the most remote of communities, by developing and driving a digital model that is able to scale at pace and build the case for increasing the role of technology to deliver TB screening in India, which has a population of over one billion.

The project with HEAL Foundation is expected to scale rapidly, with the aim of reaching 8-10k screenings within a few months.

About the organisations

HEAL Foundation, as a non-governmental organisation, is the intermediary that receives funds from donor organisations, such as Viatris, for their CSR projects. The HEAL Foundation provides project management and on-the-ground delivery of the TB screening projects - with Feedback's local subsidiary, Feedback Medical India PVT Ltd, delivering the end-to-end technology for TB screening and referral pathways.

HEAL Foundation is a not-for-profit organisation registered under the Indian Trust Act. As a trust, it aims to engage key stakeholders of the healthcare industry in India.

Viatris is a global healthcare company uniquely positioned to bridge the traditional divide between generics and brands, combining the best of both, to more holistically address healthcare needs globally.

5C Network is at the forefront of multimodal AI technology applied to medical imaging. Its core product, the Bionic suite, is actively used in clinical practice, with regulatory approval for a wide variety of use cases across India's largest hospital groups and several marquee hospitals. They control the entire end-to-end AI pipeline—from data collection to model deployment—ensuring highly accurate, effective diagnostic solutions that drive improvements in clinical outcomes.



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