

India intensifies TB screening in partnership with Japan

07 April 2021 | News

Fujifilm and Toyota Tsusho form strategic partnerships with Indian Health tech firms Qure.ai and Molbio

In a unique cross-industry collaboration, Indian firm [Qure.ai](#), [Molbio Diagnostics](#), and Japan based companies [Fujifilm Corporation](#) and [Toyota Tsusho](#) have come together for a tuberculosis (TB) detection program named 'Driving to find the missing millions'.

This partnership will help intensify Active Case Finding (ACF) by using an end-to-end TB screening mobile unit. The unit can navigate some of the most inaccessible and remote areas, to ensure last mile health care delivery in regions where millions of TB cases go undiagnosed every year.

Toyota Tsusho will provide its Land Cruiser as WHO PQS E002 Refrigerated Vehicles authorized for the safety temperature controlled delivery of COVID19 and EPI vaccines. The vehicles are fitted with Fujifilm's Xair, an ultra-compact portable X-ray machine.

Xair will be augmented with qXR, Qure.ai's AI tool for automated chest X-ray interpretation. qXR will alert the medical team for suspected TB cases. The SUV will also be equipped with Molbio's novel portable and battery operated Truenat technology for further confirmation of TB and MDR TB in the suspected cases.

With this integrated testing capability, the cost of TB diagnosis can be substantially reduced and end-to-end TB diagnosis which takes days can be done in less than 1 hour. If the person is found to be TB positive, they can be started on TB medication immediately.

Qure's qXR can interpret scans with high levels of accuracy and specificity, making it an ideal tool for mass screenings. Qure's TB solution is integrated with Fujifilm's Xair enabling instantaneous AI report for TB presumptive cases.

Molbio's Truenat is a laboratory independent, point of care real-time PCR platform that provides rapid results, with high levels of accuracy for confirming TB and MDR TB. Truenat has on board memory and data transfer capability.