SPOT TB

DIGITAL E-CLINIC

End-to-End screening and confirmation of MTB

DETECT...DIAGNOSE...TREAT TB AT FIRST POINT OF CONTACT

- Digital chest x-ray, automated AI based interpretation, PCR based confirmation including DST, all integrated through a digital health platform

- Creation of Real Time Electronic Health Records, tele-health solutions, analytics and data integration allows effective treatment monitoring and active disease management

- Minimal staff expertise and training needs. Customizable to a wide variety of use-cases

A one-stop-shop solution enabling the world’s End TB Goals

CONNECT THE ‘DOTS’ STOP TB
**Indicative Workflow**

**Screening with Digital X-ray System**

- **Option 1**
  - A Floor to Ceiling based HF Radiology System specifically designed for Chest X rays retrofitted into a Mobile truck, along with a CR system. This is the preferred system for the Mobile screening unit.

- **Option 2**
  - A Mobile HF radiology system, which we have recently supplied to WHO, along with the CR system.

- **Option 3 – for high throughput**
  - High Frequency 32 KW Generator (Single Phase)
  - Digital Flat Panel for instant high quality images
  - Floor mounted tube stand with Dual Rail and fixed Bucky stand with Automatic Tracking for chest screening and higher patient throughput and lowered human errors.

**Automatic Interpretation- A typical X-ray Report**

- Qure.ai has built deep learning algorithms for radiology image processing.
- Can detect tuberculosis from a Chest X-ray through analysis of 15 most commonly observed chest X-Ray abnormalities.
- Algorithm trained on datasets containing over 1.5M Chest X-rays.

**Confirmation with the TrueNat™ MTB & RIF PCR**

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