The iNTP has introduced new diagnostic and digital health innovations in 11 high TB burden countries to:

- Demonstrate feasibility of using these tools and guide wider scale-up
- Increase access to testing, treatment and prevention of TB and drug-resistant TB including in peripheral settings and for hard-to-reach populations

**Bangladesh, Cambodia, DRC, Kenya, Nigeria, Philippines, Uganda, Vietnam, Zimbabwe**

- 15-38 Molbio Truenat systems with reagents in each country + comprehensive warranties
- Testing started across countries in November 2021-August 2022
- Stop TB/USAID/GLI **Practical Guidance** and **Training Modules** support implementation
- **Webinar for global stakeholders** and **case studies** on early experience

**Bangladesh, DRC, Kenya, Nigeria, Philippines, Uganda, Vietnam**

- 5-14 Fujifilm Xair or Delft Light ultra-portable digital X-ray systems with computer-aided TB detection (CAD) software in each country
- Some countries are using ultra-portable X-ray together with Truenat
- Stop TB/USAID **Practical Guidance**, **Training Modules** and experience-sharing **webinars**

**Bangladesh**

- Targeted next-generation sequencing was launched at icddr,b under research conditions using Illumina MiniSeq instrument with Genoscreen Deeplex Myc-TB assay
- Data were provided to WHO as part of evidence base for 2023 policy development on use of sequencing for guiding treatment of drug-resistant TB

**Bangladesh, DRC, Ethiopia, Kenya, Nigeria, Philippines, Tanzania, Uganda**

- Diagnostics connectivity solutions have been developed or strengthened in 5 countries for connection of networks of Truenat and other rapid molecular tests
- Treatment adherence technologies using medication sleeves or video-supported therapy using Everwell or locally developed solutions were rolled out in 5 countries

**Bangladesh, DRC, Kenya, Nigeria, Philippines, Vietnam**

- QIAGEN QFT-Plus IGRAs were introduced in 3 countries to test for TB infection
- TB preventive therapy using the 3HR regimen was implemented in 6 countries including with a focus on household contacts, a target group that until now has largely been untreated in most countries

For more info, visit: [https://www.stoptb.org/accelerate-tb-innovations/introducing-new-tools-project](https://www.stoptb.org/accelerate-tb-innovations/introducing-new-tools-project)