

→ Framework for GeneXpert® Systems HIV & TB Integration



MOH Leadership and Coordinated Partner Engagement

	Resources and Needs Assessment	Site Selection	Site Preparation	Phase I Implementation	Laboratory Networks and Systems Strengthening	Monitoring & Evaluation and Dissemination
Activities	Assess existing resources (infrastructure, equipment, HR etc.)	Identifying sites suitable for phase I implementation	Preparing sites to ensure that HIV/TB integration is successful	Implementing HIV/TB integration at district level	Deploying remote access and connectivity	<ul style="list-style-type: none"> Perform routine review and evaluation Implement improvements and recommendations
Objective	Leverage existing resources to cut costs	Prioritizing high HIV/TB burden sites	Setting sites to succeed in integrating HIV/TB	Decentralizing HIV/TB integration up to district level	Increasing visibility on HIV/TB testing programs and testing equipment	Increase program efficiency and patient health outcomes
Cepheid Support*	<ul style="list-style-type: none"> Leverage C360 to aid identification of GeneXpert platforms with excess capacity, unusual error rates and downtimes Identify auxiliary equipment gaps (e.g. Centrifuges) 	<ul style="list-style-type: none"> Detailed install base mapping and checking to aid prioritization of high disease burden facilities (close to both ART & DOTS centers, far from central HIV labs) 	<ul style="list-style-type: none"> Hardware Check: GeneXpert modules status report and facilitate equipment calibration Software check: virology assay software upgrades Connectivity check: equipment transmitting data 	<ul style="list-style-type: none"> Supplying procured reagents and equipment Training of end-users/operators to process both TB and HIV testing Shadowing users during initial runs Servicing equipment as needed 	<ul style="list-style-type: none"> Facilitating installation of Cepheid® C360 Supporting the program to connect all instruments, establish an effective Service & Maintenance mechanism and continuous training program for end-users/operators 	<ul style="list-style-type: none"> Facilitate dissemination of best practices at international and regional conferences Sponsoring symposia and roundtable discussions

* Direct or through an approved local partner

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