



Implementation Roadmap:

Inventory Management implementation at
Secondary Facilities of Khyber Pakhtunkhwa

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USAID GLOBAL HEALTH SUPPLY CHAIN PROGRAM

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Background

Graduating Khyber Pakhtunkhwa healthcare to next level, Honorable Minister and Secretary Health have decided to digitize Secondary Healthcare medicines' stores with the support of USAID funded, Global Health Supply Chain Program, Procurement and Supply Management (GHSC-PSM) project, implemented by Chemonics International Inc. GHSC-PSM project had already successfully implemented inventory management application at four pilot districts of Khyber Pakhtunkhwa: Charsadda, Lakki Marwat, Mohmand and Swat. Inventory Management application includes but not limited to batchwise stock visibility, warehouse management, stock alerts / notifications, stock issuance to facilities / wards and real time analytics and dashboards for evidence-based decision making.



With reference to the meetings held with the Health Minister, KP and Secretary Health on Sep 17 and 25, 2019, respectively, GHSC-PSM was requested to provide technical assistance to the Department of Health, Khyber Pakhtunkhwa for devising province-wide inventory management plan accounting for the secondary healthcare inventory (medicines) digitization including software, hardware and capacity building.

Proposed Implementation Plan

For province-wide inventory management implementation, phased wise approach is proposed.

Phase-I: In first phase, inventory management application will be implemented at 29 district stores and 227 secondary health facilities, including Newly Merged Districts (NMD). KP citizens will be able to check medicines' stock at any specific secondary health facility and can register a grievance, using webpage or mobile app, in case non-availability of essential medicine at any secondary health facility. Webpage and App will also provide functionality to view the status of the grievance for complainer.

Considering, high number of inventory transactions at medicine stores, barcode reader is proposed at each Secondary Healthcare medicines' store which is the most viable and efficient method for fast transaction recording (medicines receive and issue). For capacity building and training. First phase will be implemented in one calendar year after PCI and financial approvals.

Phase-II: In second phase, secondary healthcare wards will be digitized with electronic services and medicines record (ESMR). In this phase, each ward will be able to record medicines' consumption specific to a disease. ESMR data will provide the actual base for scientific forecasting and quantification. And same data will also be used for strategy development, planning and optimized procurement. After the successful implementation of phase-I, phase-II will be implemented in one year.

GHSC-PSM will provide technical assistance for Inventory Management software, its deployment, master trainers training and implementation

Inventory Management		Months																							
Phases	Activity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
I. Secondary Health Facilities & District Stores	Hardware Installation																								
	Master Trainers Training																								
	Master Data Loading																								
	User creation																								
	Implementation																								

