DIGITAL HEALTH ACTIVITY
OVERVIEW

Photo Caption: A DHA-trained pharmacist fills out orders using Dagu 2.0, a software for inventory control. Tikur Anbessa Specialized Hospital, Addis Ababa, January 2020. Photo credit: Mezo Productions.

The Digital Health Activity (DHA) works with the Government of Ethiopia (GOE) to build sustainable, resilient, and interoperable health information systems (HIS) that ensure the entire health sector has the data, analytics, and skills necessary to improve the health and well-being of all Ethiopians. Together with the GOE and other partners, the DHA is helping the country achieve its Information Revolution Roadmap, a critical component of the Health Sector Transformation Plan. DHA supports the Federal Ministry of Health and works closely with Regional Health Bureaus (RHB) to achieve transformational impact toward a sustainable, nationally owned and driven, electronic HIS in Ethiopia.

The DHA is co-creating nationally owned solutions to digitize, integrate, and scale up priority HIS at all levels of the Ethiopian health sector. DHA is supporting the maintenance and scaling up of existing HIS, including:

- Electronic Community Health Information Systems (eCHIS)
- Electronic Regulatory Information Systems (eRIS)
- Master Facility Registry (MFR)
- DHIS2 (the country's health management information system) and electronic medical records (EMRs)
- Human resource information systems (HRIS)

The Activity will also continue working with Ethiopia's Pharmaceuticals Fund and Supply Agency to support systems for effective supply chain management at both facility and national levels.

DATA USE

Working with leaders at all levels of the health system, the DHA is supporting the development of a culture that uses data to inform health planning, performance management, and delivery decisions. DHA is build the capacity of decision makers and service providers to make decisions based on evidence. Moreover, DHA is support the implementation of the Information Revolution Road Map through support for the creation of model digital woredas and hospitals.

GOVERNANCE AND CAPACITY BUILDING

DHA is supporting the health system to establish and operationalize proper HIS governance at all levels. This includes supporting the development and approval of overarching and sub-system level governance policies, guidelines, protocols, and standard operating procedures.

DHA is working with local universities to sustainably support pre-service and in-service training programs and establish centers of excellence and academies for different digital health tools and data use within the universities.

COVID-19

The DHA team also supports the fight against the COVID-19 pandemic in Ethiopia. Systems supported include:

- A dashboard for decision makers
- DHIS2-based COVID-19 surveillance and tracking system
- Critical item supply chain management
- Information call center
- Geospatial analysis of positive cases and hotspots
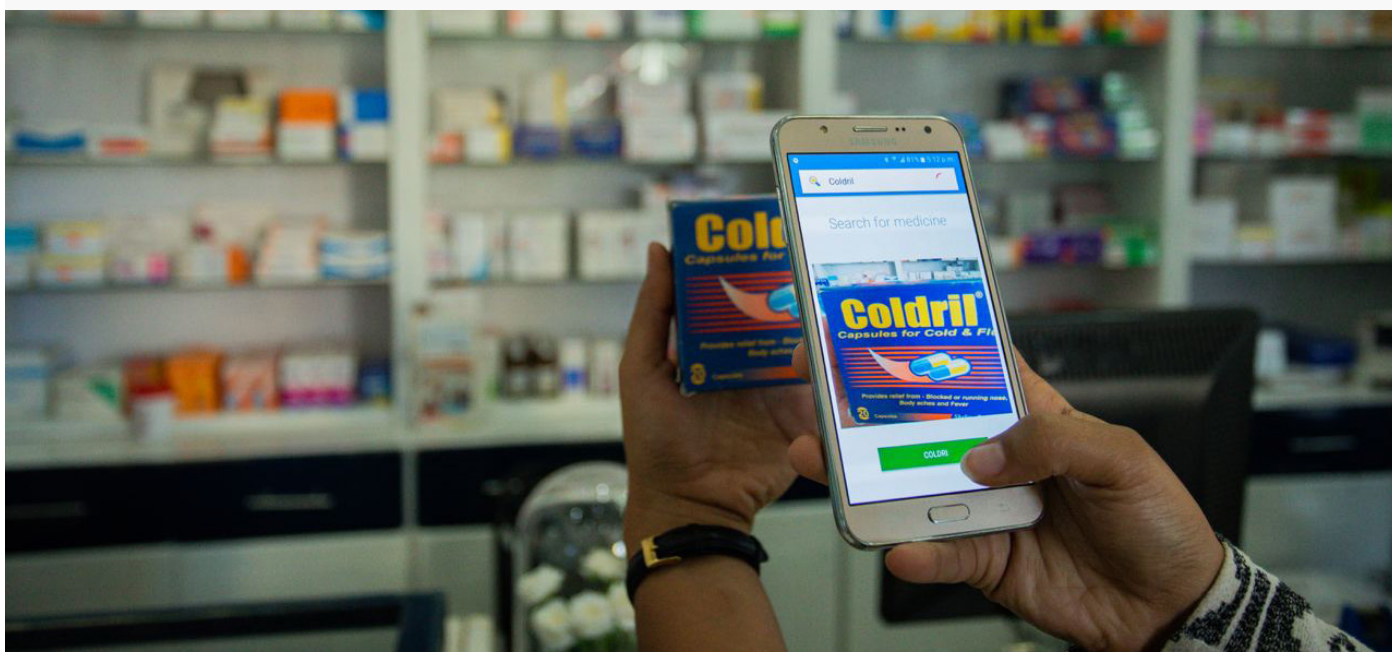- An e-learning platform for health professionals to help fight the virus

Photo Caption: DHA staff using the iVerify application to track and trace health commodities. Ruth Pharmacy, Addis Ababa, February 2020. Photo credit: Mezo Productions.

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