



## Program Start

2005

## Key Technical Areas

HIV Prevention, Care, and Treatment  
Laboratory Systems Strengthening  
Malaria Diagnosis and Management  
Monitoring and Evaluation  
Nursing and Midwifery  
Research

## Current Funders

Centers for Disease Control and Prevention (CDC)  
Health Resources and Services Administration (HRSA)  
National Institutes of Health (NIH)  
President's Malaria Initiative (PMI)  
United States Agency for International Development (USAID)

## Current Projects

### ● **Technical Assistance for the Transition of Comprehensive HIV/AIDS Programs and Medical Education to Ethiopia**

ICAP provides technical assistance to build the capacity of Ethiopia's Federal Ministry of Health (FMOH), regional health bureaus, and universities to implement, monitor, and sustain the delivery of high-quality adult and pediatric HIV prevention, care and treatment. ICAP is supporting the capacity of regional health bureaus to provide a full range of HIV services, including counseling and testing, prevention of mother-to-child transmission (PMTCT), adult and pediatric care, treatment and support, tuberculosis (TB)/HIV integration, laboratory support, prevention of sexually-transmitted infections, blood safety, infection prevention, support for strategic information systems, health systems strengthening, and transition of responsibilities to local partners. ICAP is also building the capacity of universities to provide pre-service medical education and in-service training.

ICAP provides site-level support to hospitals and health centers providing HIV services in Benishangul-Gumuz, Gambella, Afar, and the Somali region. In addition, ICAP supports regional health bureaus and regional reference laboratories to strengthen and expand ARV laboratory monitoring, early infant diagnosis, and quality assurance for HIV and related laboratory tests. ICAP also collaborates with the Ethiopian Public Health Institute (EPHI) to build regional capacity for WHO-AFRO accreditation, training and equipment maintenance. *(funded by PEPFAR through the CDC)*

### ● **Malaria Laboratory Diagnosis and Monitoring**

ICAP provides technical assistance to the FMOH, EPHI, and regional reference laboratories to support malaria laboratory diagnosis and monitoring activities. ICAP also works at the facility-level in regions to strengthen malaria diagnostic capacities of health facility laboratories and provides technical, strategic, managerial, and operational support to regional health bureaus, regional reference laboratories, EPHI, and the FMOH. *(funded by the President's Malaria Initiative through USAID)*

# Ethiopia

- **General Nursing & Nursing Education Partnership Initiative (NEPI)**

ICAP collaborates with the Ministry of Health to improve nursing care standards at health facilities and to improve the production, quality, and relevance of nurses and midwives to address essential population-based needs, including HIV and other life-threatening conditions in Ethiopia. ICAP builds the capacity of nursing leaders to support high-impact quality improvement initiatives and provides supportive supervision at hospitals in Oromia, Dire Dawa, Ethiopian Somali, and Harari regions.

Through NEPI, ICAP works to strengthen in-country nursing and midwifery educational institutions and ensure the production of sufficient numbers of well-trained, clinically-competent nurses and midwives. ICAP partners with Addis Ababa University, Arba Minch College of Health Sciences, and the University of Gondar. *(funded by PEPFAR through HRSA)*



- **Multi-Level Determinants of Late ART Initiation in Sub-Saharan Africa (LSTART)**

ICAP collaborates with CUNY School of Public Health, the HIV Center for Clinical and Behavioral Studies at Columbia University, and the Oromia Regional Bureau of Health on a study to determine the multi-level factors associated with late antiretroviral therapy (ART) initiation in areas of sub-Saharan Africa and Ethiopia where ART is being scaled-up rapidly. ICAP is working to develop general and practical recommendations for clinical-level interventions that would result in earlier ART initiation. *(funded by the NIH)*

## Recently Completed Projects

### **Evaluating the Efficacy of Artemether-Lumefantrine Compared to Artemether-Lumefantrine Plus Primaquine and Chloroquine Compared to Chloroquine Plus Primaquine for Malaria (2014)**

With this two-year study, ICAP evaluated the therapeutic effectiveness of drugs currently used in Ethiopia against malaria, artemether-lumefantrine and chloroquine. The research assessed the safety and efficacy of primaquine when used in combination with the existing treatment protocol. The research helped determine the number of recurrent malaria episodes in patients who receive primaquine compared to those who do not. *(funded by Menzies School of Health Research)*

### **Technical Assistance for HIV Prevention, Care, and Treatment (2011 - 2015)**

ICAP provided technical support at the national and regional level to implement and monitor adult and pediatric HIV prevention, care and treatment services, including blood safety, infection prevention, and strategic information systems. ICAP also supported hospitals and health centers providing HIV care. Working with regional reference laboratories, ICAP strengthened antiretroviral therapy monitoring, early infant diagnosis and quality assurance for HIV, and related laboratory tests. *(funded by PEPFAR through the CDC)*

### **A Combination Intervention Package for Isoniazid Prevention Therapy in Ethiopia (ENRICH) (2012 - 2016)**

ICAP conducted an innovative cluster randomized trial aimed at rigorously evaluating the effectiveness of a combination intervention package for the provision of isoniazid prevention therapy (IPT) for tuberculosis in HIV care and treatment programs in Ethiopia, as compared to the current standard of care. The goal was to determine an effective strategy to increase IPT initiation, adherence, and completion among people living with HIV. *(funded by NIAID)*

#### **ICAP IN ETHIOPIA**

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