ICAP at Columbia University
Transforming the health of populations through innovation, research, and global collaboration

ICAP’s Approach

ICAP touches every part of the health system wherever it works, addressing challenges in health governance, human resources, health financing, infrastructure, laboratory services, supply chain and pharmacy services, clinical services, and health information. ICAP supports:

- **Large-scale, evidence-based health programs** that improve services for HIV prevention, care, and treatment; tuberculosis; malaria; COVID-19, non-communicable diseases; reproductive health; and maternal and child health. In Eswatini, for example, ICAP has worked hand-in-hand with government partners to scale up HIV care and treatment. Nearly three-quarters of people on HIV treatment in Eswatini receive it at an ICAP-supported health facility.

- **High-quality education and training programs** that build the skills of nurses, doctors, laboratorians, lay health workers, and health managers. ICAP’s Nurse Education Partnership Initiative addressed health worker shortages by strengthening nursing and midwifery education in six sub-Saharan African countries.

- **Research** that guides the development, implementation, and evaluation of health programs around the world. ICAP is conducting nearly 70 research studies across sub-Saharan Africa focused on answering key questions regarding implementation and scale-up of health interventions, such as patient-tracking systems to monitor and evaluate the outcomes of HIV prevention, care, and treatment programs; evaluations to identify optimal HIV prevention, care, and treatment models, including adherence and approaches to the prevention of mother-to-child transmission; management of tuberculosis, malaria, and HIV co-infections; and microbicides for the prevention of HIV transmission.

- **Surveys, measurement, and impact assessment** used to improve the quality of health services and health outcomes. ICAP leads Population-Based HIV Impact Assessments (PHIAs) in 15 countries, spanning sub-Saharan Africa and Haiti. The surveys, funded by the President’s Emergency Plan for AIDS Relief (PEPFAR) through the US Centers for Disease Control and Prevention (CDC), provide critical data on HIV incidence, prevalence, and viral load suppression to support evidence-based policy, programming, and funding decisions among donors and endemic countries.

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ICAP by the numbers
As a result of ICAP’s support:

- **40.5M** People have been tested for HIV, including 9.34M pregnant women
- **5.59M** People living with HIV have been screened for TB
- **2.64M** People have received HIV care at ICAP-supported health facilities
- **>194K** Health workers trained
- **>2.1K** Laboratories supported

Current as of 2020

ICAP’s Impact

ICAP works at every level of the health system, collaborating with national governments, district health management teams, and individual health facilities—and partnering with educational institutions and NGOs—to strengthen the health system. ICAP helps local partners tackle pressing health threats by providing:

Technical Assistance

- Leveraging its experienced staff, ICAP delivers tailored technical assistance to in-country partners, working with them to apply the latest knowledge and evidence-based practices to improve health outcomes. This includes national policy development, supportive supervision, clinical mentorship, and quality improvement collaboratives.

Implementation Support

- ICAP provides hands-on operational and project support to ministries of health and other partners, supporting planning, budgeting, health service delivery, monitoring and evaluation.

Capacity-Building

- Central to ICAP’s approach is building systemwide, institutional, and individual capacity, to ensure sustainable outcomes. ICAP’s capacity-building approaches include training and mentoring health workers, institutional twinning, and developing and transferring contextually-appropriate systems and process.

Thought and Innovation Leadership

- ICAP is led by a team of distinguished researchers and health professionals who are recognized in-country and globally as subject matter experts. ICAP informs global health policy through its peer-reviewed publications and its participation in the world’s preeminent health bodies, from the World Health Organization to the National Institutes of Health. ICAP’s country-based staff combine technical expertise with unsurpassed experience implementing programs, combining best practices with in-depth knowledge of the local context in order to develop effective state-of-the-art programs.