GHESKIO’s Mission: Development of public health models

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GHESKIO: “The Haiti research-based model of international public health collaboration”

- **Mission:** Service, Training, and translational research.
- First institution in the world dedicated to the fight against HIV/AIDS
- The initial focus was on AIDS and Tuberculosis.
- The mission has expanded to include **global health interventions** aimed at vulnerable populations.
- Technical arm of the Ministry of Health (MOH).
- GHESKIO’s research has led to the development of public health models that have been scaled-up nationwide and beyond.

Pape JW et al. The Haiti research-based model of international public health collaboration: The GHESKIO Centers. JAIDS 2014; 65: S5-9
Development of Effective Public Health Models

GHESKIO’s mission: research, services and training. Serves as technical arm of the Ministry of Health (MOH). GHESKIO’s research has led to the development of public health models that have been scaled-up nationwide and beyond. GHESKIO has been recognized of “public utility” by the Haitian government. Effective public health models:

1980: 1st Introduction of oral rehydration therapy; creation of a national program for the control of acute diarrhea


1985: GHESKIO opened the 1st VCT in the Caribbean region; other VCTs followed nationwide

1989: GHESKIO defined the epidemiology and treatment of isosporiasis. (Pape JW et al. NEJM 1989; 320:1044)

1991: GHESKIO opened the 1st STI Unit in Haiti; developed the national guidelines for syndromic treatment.


1999: GHESKIO opened the first MOH–PMTCT site in Haiti and developed a PMTCT model of care

2000: 1st and largest center for care of raped victims; national model developed


2003: GHESKIO AIDS model expanded nationwide with support from GFATM under MOH request

2004: Development of concept of site of excellence with provision of HAART under request of CDC and MOH (PEPFAR)

2007: Creation of 1st dedicated adolescent clinic

2010: Global Health care model developed (Pape JW et al. JAIDS 2014; 65: S5-9)

2011: Development of active contact tracing model for TB based on chronic cough

2012: Cholera prevention and care model developed. (Pape JW and Rouzier V. NEJM 2014; 370;22;2067-2069)


2015: Ongoing search for the development of HIV effective ART care models:

- Same day ART: NIH-funded randomized clinical trial comparing standard and same-day ART initiation
- Rapid Pathway model: strategy to improve patients retention
1982-2003: Development of integrated model of HIV prevention and care

- GHESKIO provides integrated services including:
  - Maternal–child health
  - Family planning/Reproductive health care
  - Nutrition
  - Cancer prevention and treatment
  - Immunizations (including human papilloma virus, cholera)
  - Dental and eye care
  - Primary education and school support
  - Job training opportunities
  - Microfinance programs
  - Vocational programs
  - Chlorine factory

National expansion of the GHESKIO model 1993–2017

31% of all patients receiving ART in Haiti were from the GHESKIO/MOH network

National HIV prevalence

CONCLUSION

- **Research** provides capacity to develop local solutions to problems and develop adapted models for Haiti.

- Expansion and access to HIV prevention, clinical care and treatment services in Haiti as been successful.

- Collaboration and implementing sustainable strategies to end AIDS as a public health problem in Latin America and the Caribbean by 2030.