

Institution: Kenyatta National Hospital
Nairobi, Kenya
<http://www.knh.or.ke/>

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LAB RESOURCES

Please describe the laboratory facilities available in your research institute, including the items listed below (if applicable):

Lab space and equipment (general): Available

BSL-2 lab space and equipment: Available

BSL-3 lab space and equipment: Available

Flow cytometry equipment: Available

Please list the research groups in your institute, including the size and areas of expertise for each group:

- HIV and Infectious Diseases Research Group (20)
- Maternal and Child Health (10)
- ICRC

BIOLOGICAL SPECIMEN REPOSITORY

Please describe the biological specimens stored at your institute:

- Serum and genital swabs
- Human tissue

Does your institute have a database of stored samples: Yes



Please provide details on methods for biological specimen storage at your institute (e.g., are Standardized Operating Procedures used?):

- SOPs are used for one specific study. Otherwise, we have multiple small research labs each doing different things.

Please describe the equipment/facilities available for sample storage at your institute, including items listed below (if applicable):

<i>-80C freezers</i>	Available (2)
<i>Nitrogen storage tanks</i>	Available (2)
<i>Dry ice availability</i>	Yes
<i>Use of a nitrogen generator</i>	No

TRAINING AND EDUCATION

Please describe the training initiatives your institution has in place for individuals prior to working in clinical studies?

- GCLP/GCP
- Human Subjects Protection

Please describe the training initiatives your institution has in place for individuals prior to working in the laboratory?

- GCLP/GCP
- Human Subjects Protection

What assays/techniques do you excel in at your institute?

- Serology, chemistry, Hep B, Herpes, ELISA

What training could you provide to visiting scientists?

- Ethics and Human Subjects Protection
- Mentorship

What rank are the majority of your trainees? (e.g., approximate numbers of undergraduate students, Masters, PhD, post-doc, MDs)

- Undergraduate-600
- Postgraduate-100

Do you offer training classes/courses for any of the following?

<i>Grant Writing</i>	Yes
<i>Manuscript/abstract writing</i>	Yes
<i>Computer skills, excel, prism, endnote, word, powerpoint</i>	
<i>Presentation skills</i>	
<i>Epidemiology</i>	Yes
<i>Biostatistics</i>	

Does your institute receive funds to support training initiatives? Yes

Please provide details about the funds your institute receive to support training initiatives.

- CDC
- University of Nairobi-NIH grants

Does your institution send trainees abroad for additional training? Yes

Please indicate the number of trainees sent abroad per year, the source of funding, the location of training, and the type of training received.

- Approximately one per year through Fogarty, AITRP
- Funding from the Government of Kenya, USG, JAICA, Government of Israel

What Masters and/or Doctoral programs does your institution offer?

- In medical subspecialties the institutions offers a very wide range of doctoral degrees, including a Masters program in public health, but none in epidemiology.

COLLABORATIONS

Please list and briefly describe your current collaboration with any African institutions for either research or training purposes.

- University of Nairobi School of Public Health
- Cancer Institute, South Africa for training

Please list and briefly describe your institution's collaborations and/or partnerships with entities outside of Africa (e.g., organizations and networks in the USA, Europe, etc. – including CFARS, NIH clinical trials networks, HPTN, HVTN, AMC, IeDEA, USAID, PEPFAR, etc.):

- USAID, PEPFAR
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CLINICAL COHORTS

Do you have access to existing clinical cohorts in Africa or USA? Yes

Please describe each existing clinical cohort that you have access to, including specifics like “HIV-TB infected HAART naïve adults”, sample size, sample type, sex, age, and whether clinical samples are currently being collected and/or stored (specify which samples).

- HIV discordant couples (500 couples)
- Sex workers (300)

Are you planning to establish any new clinical cohorts over the next 5 years?

Yes

Please describe the clinical cohorts that you are planning to establish, including specifics such as “HIV-TB infected HAART naïve adults”, sample type, sex, and age.

- HAART-naïve adults

DATA MANAGEMENT

Please describe the DATA MANAGEMENT FACILITIES available in research institute, including the items listed below (if applicable):

Data management expertise, including staff complement (general):

- Data managers and clerks

On-site database design, implementation and trouble-shooting:

- Available

Details of off-site support (by whom):

- University of Nairobi

BIostatistical SUPPORT

Please describe the BIostatistical SUPPORT available in your research institute, including the items listed below (if applicable):

Biostatistical expertise, including staff complement/composition of PhD and Masters level biostatisticians:

- Available

Specific areas of biostatistical expertise/excellence:

- Quantitative and Qualitative analysis

Details of off-site support (by whom):

- University of Nairobi
- Occasional from the University of Washington