



Makerere University
Infectious Diseases Institute
Training Programme



HIV/AIDS TRAINING PROGRAMME

MARCH 2007

Background

The Infectious Diseases Institute (IDI) is a regional centre of excellence for HIV/AIDS treatment, training, and research in sub-Saharan Africa. As part of the Makerere University Faculty of Medicine, the institute provides quality care for people living with HIV/AIDS, trains health care workers from all over sub-Saharan Africa in HIV/AIDS care, and conducts research to develop models for HIV/AIDS prevention and treatment on the African continent.

Mission

To build capacity in Africa for the delivery of sustainable, high-quality care and prevention of HIV/AIDS and other infectious diseases through training and research.

Goal of IDI

Sustainable improved quality of care and increased level of service for HIV/AIDS and related infectious disease patients in Uganda and sub-Saharan Africa.

This overall goal will be achieved by reaching the following sub-goals:

Improved capacity of health care services to offer high-quality care through

- Enhancing skills of health care workers
- Strengthening health systems

Improved capacity of academic medical institutions through

- Strengthening faculty and facilities for training and research
- Improving governance and management systems

These goals will be measured using the following outcomes:

- Year-on-year improvement in quality of care and increased level of service among providers and institutions involved in programs
- Specific metrics, targets, and monitoring and evaluation (M&E) systems (to be designed by the end of 2008, including baseline surveys and evaluative instruments)

In order to achieve these goals, IDI has established three major program areas:

Prevention, care, and treatment for 10,000 people living with HIV/AIDS (PHA)

Training

Research

HIV/AIDS Training Programme

The HIV/AIDS training programme is one of three training efforts at IDI: (1) the Joint Uganda Malaria Training Programme funded by ExxonMobile, with additional support from the President's Malaria Initiative; (2) a comprehensive laboratory training programme in HIV/AIDS laboratory management funded by BD; and (3) the HIV/AIDS training programme funded by Pfizer Inc and supported by the Ministry of Health and many development partners (e.g., GFATM, PEPFAR, and private public partnerships).

The HIV/AIDS training programme started in 2002 and initially focused on the training of physicians in antiretroviral therapy (ART). Many of the IDI-trained physicians in turn trained health care workers in the district in the first phase of the roll out of ART in Uganda.

Today the training programme responds to changes in training needs as identified by a national training needs assessment (TNA) that was conducted in 2006. The results of this TNA documented a shift of providers from doctors to allied health care workers in the provision of HIV/Care and ART. It also recognised that the programme needs to respond to many unmet training needs in rural areas. Therefore, IDI now offers a number of short and longer courses for allied health care workers and for doctors. These courses will provide ART and HIV programmes with the capacity to roll out ART into rural areas and support even lower cadres of staff in monitoring effective HIV care.

A. Core Course

The purpose of the Core Course is to equip doctors and other senior health professionals with the knowledge and skill to provide comprehensive HIV services, including antiretroviral therapy (ART).

It is an in-depth study of HIV-related issues over a 3-week period. Teaching methods include lectures, journal club discussions, case presentations, and clinical mentoring sessions that allow hands-on experience at the start of ART and monitoring of patients.

The Core Course curriculum covers a wide range of topics, including, but not limited to:

- Epidemiology, transmission, and control of HIV infection
- HIV biology and natural history of HIV in adults and children
- Clinical manifestations of HIV/AIDS and the diagnosis of opportunistic infections
- Diagnosis and monitoring of HIV disease in adults and children
- Antiretroviral therapy, including starting ART, monitoring patients on ART, toxicities, and switching therapies
- Importance of adherence for effective ART management
- HIV prevention, especially for prevention with positives
- Infection control in the health care setting
- Palliative care
- Counselling and psychosocial support for adults and children
- Approaches to comprehensive HIV care in different settings
- Basics of reporting, documentation, and data management
- ART program management
- Basic epidemiology and statistics

Trainees will be exposed to medical research through journal clubs and will learn how to effectively use Internet resources to do literature searches. An electronic library with access to recent electronic journals and articles will give students access to up-to-date information in HIV related fields.

Students who are not proficient computer users will have the opportunity to learn basic computer skills in a fully equipped computer laboratory.

Prerequisite

This course is suitable for qualified registered medical officers, preferably working in an HIV/AIDS care setting. Senior clinical officers who have experience in ART and HIV care and are in charge of ART teams can be admitted to the course.

Learning Objectives: Core Course

By the end of the 3-week Core Course, the trainee will be able to demonstrate advanced knowledge of HIV care and ART that will enable him/her to

- Assess patients and diagnose and manage opportunistic infections
- Provide appropriate ART
- Know when to start and switch ART
- Achieve the highest possible level of adherence
- Take into account toxicities and drug interactions
- Understand long-term consequences and sustainable ART
- Identify components of comprehensive HIV care
- Assess clinical settings and recommend appropriate strategies for setting up effective ART services in a resource-limited setting
- Synthesise HIV care and prevention services in an effective manner
- Produce appropriate management plans for patients on ART
- Supervise junior staff in ART clinics
- Train other health care workers in comprehensive HIV care and ART
- Appraise HIV-related research and publication and apply research in the clinic setting
- Measure successful ART treatment

In order to achieve these learning objectives, the student will

- Participate in at least 90% of all Core Course activities
- Pass the posttest with a score of least 60%
- Participate in 6 clinical attachments to an ART clinic, and complete a full clinical checklist
- Present at least one clinical case from a journal during the Core Course
- Be part of a working group that will present a project proposal on ART management

Assessment

All students have to undergo a pretest and a preclinical exam. These will be repeated at the end of the course to assess improvement. Clinical assessments are done using a standardised format. The written examination contains questions from the Global AIDS Learning & Evaluation Network (GALEN) examination, making it an internationally competitive course. This will allow students to prepare for the GALEN certification exam if they would wish to take it later.

B-1: Modular Courses

All Core Course trainees are offered a modular course in week 4. Each 1-week course is intended to lead to a more in-depth knowledge of a specific area related to HIV/AIDS care and prevention.

Application for Modular Courses

Applicants can apply for any modular course together with the application of the Core Course. In turn, students may wish to first do a core course and at a later time apply for any of the modular courses.

Applicants must have successfully completed the Core Course or a 4-week doctor's training course at IDI between 2002-2005, or an equivalent course at another training institution (certificate or testimonial required).

Courses B-5 and B-6 do not require the Core Course, but trainees must have completed at least one of the multidisciplinary courses under group C.

Five modular courses are offered:

B-2: Setting Up Antiretroviral Treatment Programmes

This 1-week module will teach senior health service providers more about creating and establishing ART programmes, and about monitoring and evaluation (M&E) tools.

Learning Objectives: Setting Up Antiretroviral Treatment Programmes

At the end of this module, the trainee will be able to demonstrate advanced knowledge of HIV care and antiretroviral therapy (ART) that will enable him/her to

- Do a situational analysis in any given situation where an ART programme needs to be established
- Develop a logical framework for a programme intended for implementation
- Develop a comprehensive project plan for the introduction or further development of an ART programme either at health-facility or community level
- Develop an M&E plan with appropriate indicators
- Understand the basic features of a budget and how to develop a budgetary framework for an ART programme
- Develop a project plan that can attract funding

In order to achieve these learning objectives the student will

1. Have completed the Core Course (or an equivalent of the Core Course) that covers all theoretical knowledge on ART. (Must have passed a posttest with a score of at least 60%).
2. Participate in a group exercise for project development that will entail
 - Basic tools for a situational analysis or a needs assessment
 - A logical framework for the project development

- An M&E plan with indicators monitoring input, process, and outcome indicators, and where appropriate, impact indicators
- A budget for the intended project
- Completion of a basic assessment of one ART programme that highlights strengths and weaknesses of a specific approach
- Present a project plan at the end of the module that includes
 - Problem statement or rationale for the intervention
 - Scientific evidence for the chosen intervention
 - Some background information
 - clearly defined logical framework
 - Goal of the intervention
 - Specific objectives
 - Activities
 - Basic budget

B-3: Research in HIV Care

This module is for doctors and other health professionals interested in clinical and operational research. It will assist in better understanding research in the field of HIV care and learning how to conduct operational and clinical research.

Learning Objectives: Research in HIV Care

At the end of this module, the trainee will be able to demonstrate a basic understanding of HIV-related research. In particular, the trainee will be able to

- Demonstrate a basic understanding of the formulation of research questions
- Create study designs that will answer specific research questions
- Understand statistical tests and their interpretation
- Critically appraise published research results and recognise limitations of studies
- Understand the ethical implications of HIV-related research
- Design a basic research proposal that will include
 - Clearly formulated HIV-related research question
 - Collection of background information on the specific research question
 - Specific study that will answer the research question
 - Inclusion and exclusion criteria for such a study
 - Appropriate sample sizes for such a study
 - Data management instruments and considerations
 - Necessary resources to undertake such a study

In order to achieve these learning objectives, the student will

1. Have completed the Core Course (or an equivalent of the Core Course) that covers all theoretical knowledge on ART. (Must have passed a posttest with a score of at least 60%).
2. Participate in a group exercise for development of a concept paper for a research proposal that will include
 - Clearly formulated research question
 - Background information and other studies that will inform the question
 - Description of the study design
 - Target group, inclusion/exclusion criteria
 - Sample size information
 - Data-gathering tools and information on data management
 - Basic budget for such a study
 - Ethical considerations

- Visit to at least one research site to assess how this specific study is undertaken
3. Present the concept paper at the end of the module in a PowerPoint presentation (15 minutes)

B-4: HIV Care and ART for Children

This 1-week module is offered in collaboration with the Baylor College of Medicine and the Paediatric Infectious Diseases Clinic at Mulago Hospital. The module provides medical officers with in-depth information on treating and caring for children living with HIV.

This course will be offered only in collaboration with the Paediatric Infectious Diseases Clinic and Baylor College of Medicine and is subject to availability of training slots.

Prerequisite

Trainees must have completed the Core Course (or an equivalent of the Core Course) that covers all theoretical knowledge on ART. (Must have passed a posttest with a score of at least 60%).

Learning Objectives: HIV Care and ART for Children

At the end of this module, the trainee will be able to demonstrate advanced knowledge of HIV care and antiretroviral therapy (ART) that will enable him/her to

- Assess children living with HIV
- Diagnose and manage opportunistic infections in children
- Provide appropriate ART for children
- Discuss when and how to start and switch ART for children
- Achieve the highest possible level of adherence in children
- Discuss toxicities and drug interactions with ART in children
- Explain pertinent issues in care for adolescents living with HIV
- Understand long-term consequences and sustainable ART
- Integrate prevention and care activities for children, adolescents, and pregnant mothers

In order to achieve these learning objectives, the student will

- Develop a comprehensive treatment plan that will consider the medical, social, economic, and spiritual needs of a child, his/her family, and the community in a sustainable manner.
- Demonstrate clinical skills as assessed by a mentor
- Discuss a relevant journal in the area of ART for children or the prevention of HIV in children
- Pass a posttest with a score of at least 60%
- Actively participate in at least 90% of all course programmes

Eligibility for this module

Any of the following professional groups may participate:

- Medical officers or physicians working with children
- Paediatricians working with children living with HIV
- Obstetricians or gynaecologists working with people living with HIV/AIDS
- Senior clinical officers or nurses who lead ART teams in their respective areas

Trainees must have successfully completed within the past 4 years the Core Course at IDI or done an equivalent course of at least 3 weeks' duration or an e-learning module that covers all basic aspects of HIV/AIDS care and prevention.

B-5: Training of Trainers

All IDI alumni are involved in training other health care workers. This module looks at building capacity among health care workers to train others using effective communication and educational tools.

Learning Objectives: Training of Trainers

The primary aim of this course is to equip participants with knowledge and skills about teaching and planning training programmes within a health care context.

This Skills-Building Course will address issues concerned with teaching and not the actual subject matter of HIV/AIDS. At the end of the course, the trainee will be able to

- Apply the main principles of adult education to a training course
- Describe and utilise different methods of teaching
- Write a timetable and plan a course effectively
- Plan and evaluate a lesson effectively
- Demonstrate competence in a chosen teaching method
- Outline the key steps involved in conducting a training needs assessment, developing a curriculum and training materials, and evaluating training programmes
- Identify his/her own key skills and abilities and areas where development is needed, and suggest strategies to achieve these goals

B-6: ART Clinic Management for Nurses and Clinical Officers

This module is for senior nursing officers and other health professionals in charge of running ART clinics. It will provide up-to-date information on nursing issues in ART and HIV care and will also cover management aspects.

Prerequisite

Applicants must be nurses who have completed at least a nurse's/clinical officer's multidisciplinary course in HIV and ART and who are actively involved in delivering clinical care.

Learning Objectives: ART Clinic Management for Nurses and Clinical Officers

At the end of this module, the trainee will be able to

- Demonstrate basic knowledge of HIV care and ART
- Explain the role of nurses, doctors, counsellors, and other health care workers in ART and HIV care
- Outline requirements for the setup of an ART clinic
- Appraise a clinical setting for HIV care
- Produce a management plan for a functional ART clinic
- Develop a human resource plan for ART and HIV care
- Develop a Continuing Medical Education (CME) session for nurses at the clinic

In order to achieve these learning objectives, the student will

- Have completed at least a topical training course that covers all theoretical knowledge about ART and passed the posttest with a score of at least 60%
- Pass the posttest with a score of at least 60%
- Participate in at least one clinic visit that will assess the setup and management of a clinic
- Participate in at least one nurse-led clinic session
- Participate in one of the following projects
 - Develop a clinic management plan
 - Develop a CME unit for nurses
 - Describe a patient management plan for nurse-led consultation

C-1. ART Training for Nurses and Clinical Officers

This is a basic course on ART and HIV care for nurses and clinical officers starting to work in the field of HIV care. Trainees will learn how to manage and care for patients on ART and those with different opportunistic infections. The class is a blend of health care workers from different professional backgrounds, hence promoting multidisciplinary teamwork. Trainees also learn the importance of working together and also appreciate each others' experiences.

Prerequisite

This course is suitable for qualified registered nurses and clinical officers who are starting to work in an HIV/AIDS care setting.

Learning Objectives: ART Training for Nurses and Clinical Officers

At the end of this course, a multidisciplinary group of health care workers will be able to

- Describe HIV/AIDS infection, prevention, and disease progression
- Demonstrate ability to be part of a team providing ART and comprehensive HIV care that will enable them to offer quality care services to their communities
- Demonstrate ability to assess a client for eligibility to start on ART
- Demonstrate ability to monitor a patient on ART
- Discuss ARV drug interactions, toxicities, and resistance
- Describe different models of HIV care and ART
- Recognise the importance of counselling and adherence services

In order to achieve these learning objectives, the student will

- Participate in at least 90% of all class activities
- Pass the posttest with a score of at least 60%
- Participate in clinical attachments to an ART clinic, and complete a full clinical checklist
- Be part of a working group that will present a project proposal on ART management

C-2/AA Course: ART Prescribing and Monitoring for Nurses and Clinical Officers

In addition to the existing courses and in response to the training needs assessment, IDI will soon offer a course for nurses and clinical officers in ART prescribing and monitoring. In most countries ART prescribing should be done by medical officers. But, in reality, nurses and clinical officers often face the challenge of prescribing ART.

This 2-week course will build on Course C-1. It is expected to will be available in 2008.

Clinical Sites and Placements

Practical clinical experiences comprise about 30% of the course, and the IDI training program relies on the assistance of several partners to provide clinical/practical experiences.

Guidelines for Clinical Placements

During any clinical course offered at IDI, students are given clinical placements that are organised as follows:

Understanding the organisation:

- What is the mission of the organisation
- Who are the beneficiaries?
- How is the care project funded?
- Who are the main care providers?
- What services are offered and how are they organised?

Trainees are placed with a clinician who will **actively** involve trainees in patient management. This may involve routine outpatient management. Where possible, interesting cases will be identified beforehand, presented to trainees and then discussed with the group. During clinical placements, a clinical mentor will assist trainees in learning to do the following:

- World Health Organization (WHO) staging
- Diagnose and manage relevant opportunistic infections
- Go through the process of initiating patients for antiretroviral therapy (medical preparation, pre-ART counselling, disclosure, treatment support)
- Go through the routine processes of monitoring patients on ART
- See patients who present with treatment failure
- See patients who do well on ART
- See patients with toxicities, and, in particular, recognise the following problems
 - Mitochondrial toxicities
 - Lactic acidosis, neuropathy, lipoatrophy
 - Haematological reactions
 - Anaemia
 - Skin manifestations
- See patients who may be failing on ART and learn
 - How to identify treatment failure in clinical care
 - How to verify treatment failure
 - When to switch ART from first- to second-line treatment

Trainees need to appreciate family, social, and economic aspects of patients' lives and how these affect their case management. Prevention efforts should be emphasised at every stage.

The following competencies will be assessed in clinical exams:

Clinical Skills
<ul style="list-style-type: none"> • Performs an assessment appropriate for patient's reason for visit (knowledge of current complaint)
<ul style="list-style-type: none"> • Takes patient history (medical, social/family) relevant to current complaint(s)
<ul style="list-style-type: none"> • Conducts a relevant physical examination accurately in line with presenting complaint, symptoms, and history
<ul style="list-style-type: none"> • Develops an accurate, most-likely diagnosis and differential diagnosis
<ul style="list-style-type: none"> • Develops an accurate WHO staging of patient's illness
Patient Management Skills
<ul style="list-style-type: none"> • Recommends appropriate lab tests in light of presenting complaint, cost, availability, and so on
<ul style="list-style-type: none"> • Performs all procedures competently and safely, with regard to patient comfort and anxiety
<ul style="list-style-type: none"> • Recommends drug treatment in line with diagnosis
<ul style="list-style-type: none"> • Gives appropriate and focused patient advice
<ul style="list-style-type: none"> • Involves the patient in the development of a focused management plan
<ul style="list-style-type: none"> • Develops appropriate follow-up plan
Professional Interpersonal
<ul style="list-style-type: none"> • Establishes appropriate rapport with patient
<ul style="list-style-type: none"> • Demonstrates an attitude of professionalism and confidence, which includes treating patient with empathy, dignity, and respect
<ul style="list-style-type: none"> • Listens to patient and identifies any other concerns he/she may have
<ul style="list-style-type: none"> • Shows appropriate nonverbal communication (e.g., eye contact, facial expressions)
<ul style="list-style-type: none"> • Provides accurate, thorough, logical, and concise written documentation
<ul style="list-style-type: none"> • Performs all tasks or procedures in a timely manner

Guidelines for a Clinic Visit

In addition to clinical placements that focus on patients, clinic visits are organised in order to expose trainees to programs and special setups of ART programmes.

These visits will contribute to the following learning objectives:

- Describe different models of HIV care and ART and understand their advantages and disadvantages
- Discuss advantages and disadvantages of facility- and community-based care
- Recognise opportunities and limitations of ART delivery in different approaches to HIV care
- Recognise how models of care affect patient care and follow-up
- Practise different approaches to counselling services
- Explain the importance people living with HIV/AIDS (PLWHA) involvement in ART programmes
- Explain counselling processes and settings
- Analyse HIV-related support clinical services
- Outline how laboratories can be set up for HIV testing and ART care
- Create a conducive environment for clinical care of PLWHA
- Recognise the importance of community involvement in HIV care
- Integrate home-based care in ART management
- Apply palliative care and understand its importance in HIV and ART management
- Explain how an ART clinic can be organised
- Discuss how different models of care affect confidentiality, and issues related to stigma and discrimination
- Recognise the importance of data collection and reporting

To ensure a wide range of exposure to clinical management of HIV/AIDS and effective use of ARVs, trainees rotate through different clinical settings and community organisations. These include:

Partner Organisations for Clinical Placements

AIDS Information Centre (AIC)

AIC is a registered nongovernmental organisation (NGO) that offers free voluntary counselling and testing (VCT) services to the public and runs a laboratory. Trainees gain a general understanding of VCT and specifically learn

- Essential elements of pre- and post-test counselling
- Test algorithms in HIV testing
- Strategies to ensure client confidentiality
- Linkages to referral HIV/AIDS clinics
- Maximizing client return rates for test results

Joint Clinical Research Centre (JCRC)

JCRC is a leading research institute in Uganda and offers trainees exposure to ARV administration. JCRC provides treatment for adult and paediatric HIV/AIDS cases. JCRC also is leading the roll out of ART in Uganda with the TREAT programme that provides access to ARVs in 36 sites all over Uganda. Students will visit the central clinic in Kampala for clinical placements and will be mentored by physicians with experience in ART.

Mildmay Centre

The Mildmay Centre is located about 12 km from Kampala. It is an NGO that cares for children and families living with HIV. Mildmay also has a large training programme, including a diploma course certified by the University of Manchester (UK). The clinic treats several thousand children and adults and specialises in palliative care for terminally ill children. Jaja's Home is a day care centre for terminally ill children.

Trainees going to Mildmay will learn more about HIV care for children and family-based approaches to HIV care and ART.

Paediatric Infectious Diseases Clinic (IDC), Mulago Hospital

This clinic is run by Baylor College of Medicine in collaboration with IDI. The clinic cares for more than 3000 children living with HIV and more than 1000 now on ART. The clinic offers 3 days of paediatric services, 1 day/week for adolescents, and 1-day of family-based care. This clinic will provide trainees a better understanding of caring for and treating children living with HIV.

Mwanamugimu Nutrition Ward, Mulago Hospital

This ward at Mulago Hospital cares for children with malnutrition, many of whom are HIV-infected. Students will be exposed to clinical cases and their management and will receive information on nutritional and medical management of such cases.

Adult IDC, Mulago Hospital

The IDI runs this very busy outpatient clinic, which has more than 300 consultations per day. About 10,000 patients are registered there and over 4000 of them receive ARVs. This is an ideal learning ground, and students will have the opportunity to be mentored by experienced HIV physicians during the 3-week course. Students will receive

- Orientation to the general approach to a patient with HIV/AIDS
- Exposure to the treatment of HIV/AIDS-related opportunistic infections
- Experience in patient evaluation and selection of optimal ARV regimens, enhanced understanding of monitoring side effects of such regimens, and compliance issues
- Increased understanding of optimal requirements for delivering an ARV program, including clinical evaluation, pharmaceutical dispensing, and counselling

Medical Wards (Mulago Hospital)

Some 30-50% of patients in medical wards at Mulago are living with HIV/AIDS. Senior doctors will offer trainees an exposure to conditions related to HIV patients who are admitted on the wards.

Makerere University-Johns Hopkins University(MUJHU) Core Lab

The MUJHU laboratory is located within the IDI. It is a College of American Pathologists-certified laboratory and provides clinical services to IDI and many other institutions within the Faculty of Medicine. It is a state-of-the-art laboratory that does all HIV-related tests, including rapid tests, ELISA, Western blots, CD4 counts, and viral loads. This laboratory will expose trainees to practical laboratory diagnosis.

Hospice Uganda

Trainees will spend half a day at Hospice Uganda to learn about programs run by Hospice and about palliative care in general. Specific learning objectives will include

- Orientation to the overall structure and mission of Hospice Uganda
- Enhanced understanding of the essential elements of the palliative care program
- Orientation to the outreach programs
- Increased understanding and knowledge of appropriate pain management strategies.

Nsambya Home Care

Trainees will get a better understanding of home-based care programs. Learning objectives will include

- Increased understanding of the outreach/home-based care program offered through the clinic

- Orientation to the care programs delivered through the clinic
- Exposure to an alternate hospital HIV/AIDS clinical program

TASO (The AIDS Support Organisation)

Trainees will gain a greater understanding of the various social support programs for the effective delivery of comprehensive HIV/AIDS care. Learning objectives will include

- Orientation to the overall structure and mission of TASO
- Enhanced understanding of the essential elements of the counselling program
- Orientation to TASO outreach programs and how such programs can be established in a variety of settings
- Exposure to the peer support program and community organising
- Orientation to the TASO clinic

Prevention of Mother-to-Child Transmission (PMTCT) Clinic (MUJHU)

Trainees will spend at least 2 hours per session at the PMTCT Clinic so as to gain a greater understanding of PMTCT and establishment of a PMTCT program. The specific learning objectives for this session will include the following:

- Orientation to the overall principles of PMTCT
- Enhanced understanding of the essential elements of counselling and testing for a PMTCT program
- Overview of setting up an effective PMTCT program

Meeting these learning objectives will reinforce the PMTCT information presented in the didactic sessions.

Course Assessments

To assess the progress made by trainees at the completion of each session, pre- and post-test examinations will be administered at the beginning and end of the course, respectively. Prior to admission, trainees will be asked to prepare and present cases drawn from their own practice.

In addition, trainees will have the opportunity to self-administer a set of take-home examinations, allowing them to assess their own knowledge. Trainees will also be given a variety of journals from which to choose. They will be given an opportunity to critique and present these journals with the help of a qualified trainer.

Clinical assessment will also be conducted at the end of each training session to assess the students' practical skills in patient care.

A Certificate of Completion will be awarded at the end of the training session to students who have satisfactorily completed all course assignments and requirements.

Logistical Arrangements for the Course

- Courses are conducted in the training rooms at the Infectious Diseases Institute. The IDI offers a conducive training environment, including access to an up-to-date electronic library.
- Participants receive a stipend to help trainees meet their transportation and living costs while in Kampala. IDI realises this might not be enough for some participants, so the trainees or their sponsors will be required to meet any other costs.
- Participants have their lunches served at the St. Luke canteen, which is located at the Protestant church building near the main Mulago Hospital entrance/gate.
- Participants are responsible for their transportation to and from the Institute. IDI will only provide transportation to and from all clinical sites that are outside Mulago complex.
- Participants are advised to use the cloakrooms/convenience rooms adjacent to the main entrance corridor inside the IDI building on the ground floor.
- The Institute will provide all training materials that will be used during the course.
- Foreign trainees must pay for their medical insurance while at the Infectious Diseases Institute at a rate of \$25 USD per week.

Contacts

More information can be obtained from the IDI Web site: www.idi-makerere.ac.ug