|  |  |  |
| --- | --- | --- |
| **FOM 3111** | **Cardio Vascular And Respiratory System Disorders** |  |

Course description:

Infectious and non-infectious diseases of the cardiovascular and respiratory systems are explored. The major infectious etiologic agents are discussed. The evolution of the disorders is explained and the gross and histopathological changes described. Clinical pharmacology of drugs used in the management of the disorders is outlined.

Expected outcomes: The students will:

I. Explain the epidemiology and pathogenesis of cardiovascular and respiratory disorders

II. Discuss the role of laboratory and imaging investigative procedures in management of cardiovascular and respiratory disorders

III. Demonstrate specified laboratory investigative procedures for cardiovascular and respiratory disorders

IV. Describe the clinical pharmacology of drugs acting on the cardiovascular and respiratory systems

Course Objectives

1. Explain the epidemiology and pathogenesis of cardiovascular and respiratory disorders

2. Discuss the role of laboratory and imaging investigative procedures in management of cardiovascular and respiratory disorders

3. Demonstrate specified laboratory investigative procedures for cardiovascular and respiratory disorders

4. Describe the clinical pharmacology of drugs acting on the cardiovascular and respiratory systems

Delivery method:

The course is delivered through:

Overview lectures, Self directed learning, Tutorials, Laboratory practicals, Clinical exposures

Wrap-up seminars

Duration: 5 weeks CH - 75

Available Resources:

Teaching laboratory with fitted benches: 1800M2, Clinical laboratories in the department of Medical

Microbiology and Pathology, Mulago Hospital wards and clinics, Office space, 50 Microscopes

Available staff

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Qualifications** | **Employer** |  |
| Ass Prof. Joseph Olobo | PhD, B. Vet Medicine | Makerere Univ | Full time |
| Ass Prof. Kaddu-Mulindwa | PhD, B. Vet Medicine | Makerere Univ | Full time |
| Prof. G. Bimenya | PhD, M.Sc, B.Sc. | Makerere Univ | Full time |

|  |  |  |  |
| --- | --- | --- | --- |
| Ass Prof. Henry Wabinga | M.D., M. Med, MBChB | Makerere Univ | Full time |
| Ass. Prof Wilson Byarugaba | PhD, M.Sc, | Makerere Univ | Part time |
| Prof. Ogwal Okeng | PhD, M.Sc, MBChB | Makerere Univ | Full time |
| Ass. Prof. C. Obua | PhD, M.Sc, MBChB | Makerere Univ | Full time |
| Ass. Prof. Paul Waako | PhD, M.Sc, MBChB | Makerere Univ | Full time |
| Dr. Moses Joloba | PhD, M.Sc, MBChB | Makerere Univ | Full time |
| Dr. Najjuka C.F | M. Med, M.Sc, MBChB | Makerere Univ | Full time |
| Dr. Freddie Bwanga | M. Med, MBChB | Makerere Univ | Full time |
| Dr. Benon Asiimwe | PhD, M.Sc, B. Vet Med | Makerere Univ | Full time |
| Dr. David Kateete | M.Sc, B. Vet Med | Makerere Univ | Full time |
| Dr. Kajumbula H M | M. Med, MBChB | Makerere Univ | Full time |
| Dr. Beatrice Acan | BDS | Makerere Univ | Full time |
| Dr. Michael Odida | M. Med, MBChB | Makerere Univ | Full time |
| Dr. Dan Wamala | M. Med, MBChB | Ministry of Health | Part time |
| Dr. Martin Kalyemenya | M. Med, MBChB | Ministry of Health | Part time |
| Dr. Nsereko Mukasa | M. Med, MBChB | Ministry of Health | Part time |
| Dr. Male Mutumba | M. Med, MBChB | Ministry of Health | Part time |
| Dr. Emmanuel Othieno | M. Med, MBChB | Ministry of Health | Part time |
| Dr. Sylvester Onzivua | M. Med, MBChB | Ministry of Health | Part time |
| Dr. Lynette Tumwine | M. Med, MBChB | Makerere Univ | Full time |
| Dr. Hawa Nalwoga | M. Med, MBChB | Ministry of Health | Part time |
| Dr. Sam Kalungi | M. Med, MBChB | Ministry of Health | Part time |
| Dr. David Lukande | M. Med, MBChB | Makerere Univ | Full time |
| Dr. Suzan Nabadda | M. Med, MBChB | Ministry of Health | Part time |
| Dr. Bossa | M.Sc, B. Vet Medicine | Makerere Univ | Full time |
| Dr. Norah Mwebaze | MSc, MBChB | Makerere Univ | Full time |
| Mr. Dan Kibuule | M.Sc, B.pharm | Makerere Univ | Full time |
| Dr. Sarah Nanzigu | M.Sc, MBChB | Makerere Univ | Full time |
| Mr. Waiswa Muzawalu | M.Sc. BBLT, Dip Med Lab  Tech | Makerere Univ | Full time |
| Mr. Dan Ssempala | Dip Lab Technology | Makerere Univ | Full time |
| Mr. Osuwat | M.Sc. BBLT | Makerere Univ | Full time |