**FOM 3112 Digestion, Nutrition And Metabolic Disorders 5 Weeks**

Course description:

This course introduces students to the pathogenesis, pathology, clinical features and epidemiology of digestive, nutritional and metabolic disorders. It also enables them to understand the clinical pharmacology of the drugs used in treating these disorders and finally the role of the respective investigative procedures.

Course Objectives:

1. To discuss the pathology and epidemiology of digestive, nutritional and metabolic disorders.

2. To discuss the clinical pharmacology of the drugs used in treating digestive, nutritional and metabolic disorders.

3. To describe the role of investigative procedures in the management of digestive, nutritional and metabolic disorders.

Content Outline/ Content:

• Pathology/epidemiology: congenital, traumatic, inflammatory, infectious, parasitic, immunological, toxicological, neoplastic disorders of the gastrointestinal system.

• Dental caries; Fluorosis, systemic manifestations of dental related problems

• Peptic ulceration

• Hernia

• Physical, neurological. Psychological and psychiatric manifestation of nutritional; and metabolic disorders.

• Disorders of bilirubin and uric acid metabolism

• Liver cirrhosis

• Disorders of CHO, Lipid AA, Vitamin and mineral metabolism

• Adaptive changes in metabolism

• Pharmacology: anti-ulcer, laxatives/purgatives, anti-diarrhea agents, motility enhancing agents, pharmaco kinetics and pharmacodynamics changesassociated with digestive system disorders

• Investigative procedures:stool, urine and blood examination, radiology biopsies

Expected outcomes

By the end of this course students are expected to have been exposed to and appreciated the pathology and epidemiology of the digestive, nutritional and metabolic disorders, the clinical pharmacology of the drugs used to treat them and the common investigative procedures used for their diagnosis.

Duration of the course: 5 weeks, 75 CH Delivery methods:

Tutorials, Problem based learning, Self directed learning, Clinical exposure, Skills training, Practicals

Morbid Pathology

The methods of assessment

Structured questions, Multiple choice questions, Short answer questions, Stipple chase practical examinations, Practical gross and microscopy examinations

Contact hours/ credit units: 75CH= 3CU Resources available to assist in teaching:

Library, Book bank, Laboratory, Museums for pathology pots, Postmortem examination, Microscopes

Infrastructure available:

Lecture rooms, Library space, Laboratories, Office space, Mortuary

Teaching Staff

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| NAME | QUALIFICATIONS | EMPLOYER(MOH/MAK) | FULL TIME/PARTTIME |
| Emmanuel Othieno | MBChB, M.MED | MOH | PART TIME |
| Dan Wamala | MBChB, M.MED | MOH | PART TIME |
| Henry Kajumbula | MBChB, M.MED | MAK | FULL TIME |
| Robert Lukande | MBChB, M.MED | MAK | FULL TIME |

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| Florence Najjuka | MBChB, M.Sc | MAK | FULL TIME |
| Elizabeth Sentongo | MBChB, M.Sc | MAK | FULL TIME |
| Hakim Sendagire | MBChB, M.Sc, PhD | MAK | FULL TIME |
| Beatrice Achan | BDS | MAK | FULL TIME |
| Paul Waako | MBChB, MSC, PhD | MAK | FULL TIME |
| Celestino Obua | MD, MSc, PhD | MAK | FULL TIME |
| Dan Kibuule | B. Pharm, MSc. | MAK | FULL TIME |
| Jackson Mukonzo | B. Pharm, MSc. | MAK | FULL TIME |
| Ronald Kiguba | B. Pharm, MSc. | MAK | FULL TIME |
| Hindum Lanyero | BDS | MAK | FULL TIME |
| Godfrey Bbosa | B. Vet Medicine, M.Sc | MAK | FULL TIME |
| Norah Mwebaza | MBChB, MSc | MAK | FULL TIME |
| Martin Kalyemenya | MBChB, M.MEDDip For. Path | MOH | PART TIME |
| Joseph Turyabahika | MBChB, M.MED | MAK | FULL TIME |
| Nsereko- Mukasa | MBChB, M.MEDDip For. Path | MOH | PART TIME |
| Sylvester Onzivua | MBChB, M.MED, Dip For. Path | MOH | PART TIME |