

DEPARTMENT OF MEDICAL MICROBIOLOGY

PARASITOLOGY & ENTOMOLOGY

MBChB III (HMM 300) LECTURE AND PRACTICAL SCHEDULE 2022-2023

WEDNESDAYS 09.00 – 17.00 HRS

Date	Time	Lecture topic	Lecturer
5-Oct-22		Introduction	Dr. Njanaake HK
	09.00 - 11.00	Introduction to Parasitology, classification & medical importance of parasites Nematodes – Introduction, classification, general characteristics	
	Intestinal nematodes		
	11.00 - 13.00	Ascaris lumbricoides	Prof. Jaoko WG
	14.00 -17.00	Trichuris trichiura, Enetrobius vermicularis	Dr. Otido JM
12-Oct-22	09.00 - 17.00	PRACTICAL Parasitological laboratory techniques & Intestinal nematodes 1	All technical staff and Parasitology Lecturers
19-Oct-22	09.00 - 11.00	Trichinella spiralis	Dr. Omosa-Manyonyi
	11.00 - 13.00	Toxocara spp	Dr. Omosa-Manyonyi
	14.00-17.00	Capillaria spp	Dr Ndombi S
26-Oct-22	09.00 - 12.00	Ancylostoma spp, Necator spp. (Hookworms)	Dr. Njanaake HK
	12.00 - 13.00	Cutaneous larva migrans	Dr. Njanaake HK
	14.00-17.00	Strongyloides spp and Angiostrongylus spp	Dr Otido JM
2-Nov-22	09.00 - 17.00	PRACTICAL - Intestinal nematodes 2	All technical staff and Parasitology Lecturers
Tissue nematodes			
9-Nov-22	09.00 - 10.00	Tissue nematodes: Introduction, classification, general characteristics	Prof. Jaoko WG
	10.00 - 13.00	Filarial nematodes I – Wuchereria bancrofti, Brugia malayi, Brugia timori	Prof. Jaoko WG
	14.00 -17.00	Filarial nematodes II – Onchocerca	Dr Ndombi S

		volvulus, Loa loa	
16-Nov-22	09.00 - 13.00	Filarial nematodes III – Mansonella species	Dr. Omosa-Manyonyi
	14.00 - 15.30	Dracunculus medinensis	Dr Otido JM
	15.30 - 17.00	Revision – Nematodes	Dr Otido JM
23-Nov-22	09.00 - 17.00	PRACTICAL –Tissue nematodes	All technical staff and Parasitology Lecturers
		Cestodes	
30-Nov-22	09.00 - 10.00	Cestodes: Introduction, General characteristics, classification	Dr. Omosa-Manyonyi
	10.00 - 13.00	Cyclophyllidean cestodes – Taenia saginata, T. solium	Dr. Omosa-Manyonyi
	14.00 -17.00	Cyclophyllidean cestodes - Hymenolepis nana, Hymenolepis diminuta	Dr Ndombi S
7-Dec-22	09.00 – 11.00	Cyclophyllidean cestodes - Dipylidium caninum	Dr Ndombi S
	11.00 – 13.00	Coenurosis	Dr. Omosa-Manyonyi
	14.00 -17.00	Cyclophyllidean cestodes – Echinococcus granulosus, E. oligarthrus	Dr Otido JM
14-Dec-22	09.00 – 11.00	Cestodes IV: Cyclophyllidean cestodes – Echinococcus multilocularis, E. vogeli	Dr. Njanaake HK
	11.00 – 13.00	Pseudophyllidean cestodes – Diphyllolobothrium latum	Dr. Omosa-Manyonyi
	14.00 - 16.00	Pseudophyllidean cestodes – Spirometra spp.	Prof. Jaoko WG
	16.00 - 17.00	Revision - Cestodes	Prof. Jaoko WG
11-Jan-23	09.00 - 17.00	PRACTICAL - Cestodes	All technical staff and Parasitology Lecturers
		Trematodes	
18-Jan-23	09.00 - 10.00	Trematodes: Classification, General characteristics	Prof. Jaoko WG
	10.00 - 13.00	Intestinal Schistosomiasis: – S. mansoni, S. japonicum, S. intercalatum, S. mckongi	Prof. Jaoko WG

	14.00 -17.00	Urinary Schistosomiasis – <i>S. haematobium</i>	Dr Ndombi S
25-Jan-23	09.00 - 11.00	Control of Schistosomiasis	Dr. Njanaake HK
	11.00 - 13.00	Hermaphroditic flukes I: Biliary flukes – <i>Fasciola hepatica</i> , <i>F.gigantica</i>	Dr Otido JM
	14.00 -17.00	Hermaphroditic flukes II: Biliary flukes – <i>Clonorchis sinensis</i> , <i>Opisthorcis</i> spp.	Dr Ndombi S
1-Feb-23	09.00 - 11.00	Hermaphroditic flukes III: Intestinal flukes – <i>Heterophyes heterophyes</i> , <i>Metagonimus yokogawai</i> sp.	Dr Otido JM
	11.00 - 13.00	Hermaphroditic flukes IV: Intestinal flukes – <i>Fasciolopsis buski</i> , <i>Gastrodiscoides hominis</i>	Dr Otido JM
	14.00 -16.00	Hermaphroditic flukes V: Lung flukes – <i>Paragonimus</i> spp	Dr. Njanaake HK
	16.00 -17.00	Revision – Trematodes	Dr. Njanaake HK
8-Feb-23	09.00 - 17.00	PRACTICAL - Trematodes	All technical staff and Parasitology Lecturers
15-Feb-23	9.00 - 13.00	Continuous assessment tests 1 & 2	Dr. Omosa-Manyonyi
	Protozoa - Amoebae		
	14.00 - 15.00	Introduction to Protozoology - Classification & General characteristics	Prof. Jaoko WG
	15.00 - 17.00	Amoebae - <i>Entamoeba histolytica</i>	Prof. Jaoko WG
22-Feb-23	09.00 - 13.00	<i>Coli</i> , <i>E. polecki</i> , <i>Endolimax nana</i> , <i>Iodamoeba butschlii</i> , <i>Dientamoeba fragilis</i>	Dr Ndombi S
	14.00 – 17.00	Atypical amoebae – <i>Naegleria fowleri</i> , <i>Acanthamoeba</i> spp.	Dr. Njanaake HK
1-Mar-23	09.00 - 17.00	PRACTICAL – Protozoa 1	All technical staff and Parasitology Lecturers
Protozoa - Flagellates			
8-Mar-23	9.00 - 11.00	<i>Giardia lamblia</i>	Dr Otido JM
	11.00 - 13.00	<i>Trichomonas vaginalis</i>	Dr. Omosa-Manyonyi
	14.00 -17.00	<i>Leishmania</i> sp. I: Visceral leishmaniasis, PKDL	Dr Ndombi S
15-Mar-23	09.00 - 11.00	<i>Leishmania</i> sp. II: Cutaneous and Mucocutaneous leishmaniasis	Dr Otido JM
	11.00 - 13.00	Trypanosomiasis I: African Trypanosomes	Dr. Omosa-Manyonyi
	14.00 -17.00	Trypanosomiasis II: American Trypanosomes	Dr. Njanaake HK
22-Mar-23	09.00 - 17.00	PRACTICAL – Protozoa 2	All technical staff and

			Parasitology Lecturers
	Protozoa - Ciliates		
29-Mar-23	09.00 – 11.00	Ciliate protozoa: Balantidium coli	Dr Ndombi S
	Non-motile protozoa		
	11.00 - 13.00	Cryptosporidium parvum	Dr Otido J
	14.00 -17.00	Toxoplasma gondii	Dr. Omosa-Manyonyi
5-Apr-23	09.00 - 13.00	Isospora belli, Blastocystis hominis, Sarcocystis spp.	Dr Ndombi S
	14.00 - 17.00	Pneumocystis jirovecii, Microsporidia	Dr Otido JM
19-Apr-23	09.00 - 17.00	PRACTICAL – Protozoa 2	All technical staff and Parasitology Lecturers
26-Apr-23	09.00 - 13.00	Plasmodia: Species, General characteristics & Classification, epidemiology, life cycle	Dr. Njanaake HK
	14.00 - 17.00	Malaria II: Clinical presentation, Complications, Lab diagnosis	Prof. Jaoko WG
3-May-23	09.00 – 11.30	Malaria III: Treatment, prevention and control	Prof. Jaoko WG
	11.30 - 13.00	Babesia spp.	Dr Ndombi S
	14.00 -17.00	Revision – Motile protozoa, Non-motile protozoa	Dr. Njanaake HK
10-May-23	09.00 - 17.00	PRACTICAL – Protozoa 3	All technical staff and Parasitology Lecturers
	Entomology		
17-May-23	09.00 - 10.00	Entomology I: Introduction to Medical Entomology	Dr. Mukoko D
	10.00 - 13.00	Entomology II: Medical importance of arthropods: Mosquitoes, Phlebotomussp, Simulium, Culicoides, Glossina, Reduviid bugs, Chrysops, Musca domestica, Coakroaches	Dr. Mukoko D
	14.00 -17.00	Entomology III: Medical importance of arthropods: Ticks, Fleas, Lice, Mites, Flies	Dr. Mukoko D
24-May-23	09.00 - 11.00	Myiasis; Tungiasis	Dr. Njanaake HK
	11.00 - 13.00	Pediculosis; Scabies	Prof. Jaoko WG
	14.00 - 17.00	Control of arthropods	Dr. Mukoko D

31-May-23	09.00 - 17.00	PRACTICAL - Entomology	All technical staff and Parasitology Lecturers
7-Jun-23	09.00 - 13.00	Continuous assessment tests 2 & 3	Dr. Omosa-Manyonyi
	14.00 - 17.00	Revision - Parasitology, Entomology	All technical staff and Parasitology Lecturers
14-Jun-23	09.00 - 17.00	Revision - Parasitology, Entomology	All technical staff and Parasitology Lecturers
19-Jun-23	END YEAR EXAMS		

Course coordinator: Dr. G Omosa-Manyonyi

Approved for circulation:

Dr Marianne W. Mureithi

Chairman Department of Medical Microbiology & Immunology



14 September 2022