**FOM 2113 HEAD AND NECK 5 Weeks**

Course description:

The head and neck course takes a student through the complex anatomical regions of the head and the neck. Through a detailed study of the structures and the related functions of these areas students are equipped with the knowledge to identify the many dangerous and life threatening conditions associated with this region of the body. Over the course of the five weeks the student get build on the

knowledge they previously gained in their study of the thorax as part of the cardio-respiratory and

digestion and metabolism courses. The student will in addition do in depth regional dissection and have clinical exposure visits to appreciate the various structures in the region. Through all this the student will have an opportunity to develop a deeper understanding of the various special sense organs and the related important body structures of the region. This knowledge in turns is used as a foundation for subsequent courses like neurolocomotor and clinical courses.

Course Objectives Knowledge Anatomy:

1. To describe the anatomy and development of the Head and Neck regions

2. To describe the radiological anatomy of the Head and Neck

Physiology/Biochemistry:

1. To explain the physiological and Biochemical basis of functions of the higher functions of the special sense organs in the head and neck region

2. To describe the techniques used in investigating the Head and Neck and describe their normal findings

Behaviorial objectives

1. To appreciate the different emergency scenarios arising from the complex nature of the head and neck region

Skills objectives

1. Enhance the students ability to work in teams in both electronic and face to face interactions

Expected outcomes

Knowledge:

The course must produce a health worker who has essential knowledge necessary for medical practice, including knowledge of:

• Biomedical sciences as a foundation for clinical medicine in the head and neck region

• Psychological, social, environmental, spiritual and cultural factors that contribute to illness and disease of individuals, families and communities for patients with head and neck disease.

• Principles of health promotion and disease prevention in relation to head and neck disease

• A clinical reasoning process that leads to problem solving of head and neck conditions

• Pathophysiology of common problems encountered in medical practice in the head and neck area

• How to make a comprehensive assessment based on illness and disease in the head and neck region

Skills:

The course must produce health workers who have essential communications skills that are required for medical practice, including the following:

• Language skills

• Computer skills

• Interviewing skills

• Writing skills

• Team work

Attitudinal /Behaviour outcomes

The course must produce a health worker who has an appropriate attitude for medical practice, that include:

• Commitment to the person rather than disease or special technique

• Awareness of the subjective aspects of medicine, that is, sensitivity to feelings, thoughts, concerns and expectations of patients and also awareness of own values, attitudes and feelings

• Positive approach towards primary health care and community-based education and service

• Understanding the doctors’ responsibilities towards his colleagues and other members of the health care team

Course outline:

Anatomy: Embryology, Histology, Gross anatomy of the Head and Neck region, intracranial cavity and its contents and the CSF.

Physiology and Biochemistry of the Head and Neck regions and functions of the different special sense organs (eyes, ears, nose, mouth) found in the head and neck regions

Investigative Procedures of the Head and Neck region

Delivery methods

1. Tutorials

2. Self directed learning sessions

3. clinical exposure

4. small group discussions

5. online class assignments

6. Online discussion topics

7. Dissections

Methods of assessment

1. Weekly tutorial assessment

2. Four (4) weekly online MCQ tests

3. Two group assignments

4. End of course progressive exam

5. Summative exam (written, steeple chase, oral exam)

6. Student project

Course duration: 5 weeks

Teaching staff

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| No | Teacher | Qualification | department | Employer |
| 1 | Tugumisirize J | Phd | Psychiatry | MUK |
| 2 | Munabi ian | Msc, MHPE | Anatomy | MUK |
| 3 | H.E. Ebuk Moses | MSc | Physiology | MUK |
| 4 | Kirowa Haruna | Msc | Anatomy | MUk |
| 5 | Ntulume Davies | Msc | Physiology | MUK |
| 6 | Lajju Allan | Msc | Physiology | MUK |
| 7 | Kukiriza John | MSc | - | - |
| 8 | Prof Sam Luboga | Msc Phd | Anatomy | Muk |

Resources

1. The dissection room

2. Online material made available in the online component of the course

3. Specialization units and ward like the ENT, ophthalmology and psychiatric wards

4. Images of the head and neck regions from the radiology department

5. Student visits to the Accident and emergency wards

6. Physiology lab for practical’s

7. Clinical exposure

8. Other resources like the library, internet access in the college computer labs and hot spots. Requirements: 5 Weeks, 75 CH