



**Haydom  
Lutheran  
Hospital**

ELCT Mbulu Diocese

## Job Description for Medical Students

In this document you can find what is expected from you and what you can expect from the hospital. We hope you will have a nice stay in Haydom Lutheran Hospital. Please keep in mind that you are a guest in our hospital with the first priority to learn. We do not expect you to do a lot of work or to make the hospital a better place during your (short) stay, but to gain knowledge and be good company for our staff. Also you can experience if working in a tropical country for a longer time would be suitable for you. If you have any questions regarding this job description or the volunteer agreement (which we expect you to sign), please let us know!

### Responsibility of Haydom Lutheran Hospital

If you come to Haydom, we will first check if you have the Business Visa in your passport or that your working permit (if you stay more than three months) is in process. Then we will:

- introduce you in the doctor's meeting and in Sala to all the staff
- give you a tour so you know the hospital area and the different wards
- make a schedule for your stay in Haydom (at least two weeks in each department and preferably longer) and introduce you to the doctor in charge of the first ward you go to. He or she will take care of the further process. The four departments are:

- Medical/Internal Medicine (including ICU and Tuberculosis ward)
- Surgical/Orthopedics
- Pediatrics
- Gynecology/Maternity

### Attitude of the student

We expect from the students coming to Haydom Lutheran Hospital that:

- they are willing to learn
- they introduce themselves to the doctors and nurses of the ward
- they bring their own equipment like scrubs/white coat and stethoscope
- they show their respect to others by coming on time and discussing holidays or days off in advance with the doctor
- they respect the local culture of the people as it is their hospital, by:
  - Wearing non-provoking and neat clothes (no shorts, sleeveless shirts or flip-flops)
  - Having an open attitude to the local way of working and thinking

- Trying to connect with the patient and not only talking about him or her
  - they contact the hospital or the doctor of the ward on forehand if there are any problems that can be expected (problems in social skills/attitude, knowledge, physical or mental fitness or else)
  - they contact one of the doctors in charge or the expat coordinator if something is going wrong. If they are unhappy with something or someone it is better to try to do something about it, than to postpone.
  - they need a form to be signed for specific tasks or for your overall work, the students will inform a doctor in the beginning of their elective. In that case the doctor knows where to pay attention to and can give a reliable comment on your work.

## Tasks

- Students attend meetings and teachings
  - 7:30 morning meeting
  - After Sala: radiology meeting
  - Teachings are after Sala or announced in the morning meeting
- Students accompany one doctor in the ward to do ward rounds
- Students can assist or watch procedures in the ward or in theatre
- Students are allowed to play an active role in procedures if:
  - they are experienced OR seen the procedure many times
  - AND if a doctor is there to coach and take the final responsibility
- According to the level of the student there are possibilities to:
  - take a history and examination from a new patient
  - have responsibility their own patient(s)
  - request laboratory results or radiological enquiries
  - discuss results with specialists and the radiologist
  - make discharge notes and prescribe medication (under supervision)
- There are possibilities to see and do more, but you might look out for chances:
  - in the afternoons you can join an intern or doctor in the out-patient department
  - Haydom Lutheran Hospital has outreach possibilities
  - there is a palliative team visiting patients at home
  - you can join the specialized nurses for:



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- HIV
  - Diabetes mellitus
  - Mental problems
  - Addiction
- You are expected to give a lecture in the doctors meeting at some time during your stay. Lectures will be every Wednesday morning during the doctors meeting in the administration building. The topic needs to be relevant to health care in Haydom Lutheran Hospital. You will have plenty of time to prepare your lecture in Haydom. For more information see “[Student lectures](#)” and “[Students lectures schedule](#)”. The schedule might change. Check the updated schedule when you are in Haydom or ask the expat coordinator.

## Knowledge

### GENERAL

- You know how to take a history and an physical examination and know which aspects are different or more important in a developing country
- You know how important it is to take in account the knowledge, language, culture and financial possibilities of your patient
- You know how to work together in a constructive way with local staff and colleagues

### INTERNAL MEDICINE

- You can make differential diagnosis and know which diseases are more or less common in Tanzania
- You have gained knowledge (on the ward or by study) about:
  - Diarrhea
  - Pneumonia
  - HIV
  - Tuberculosis
  - Typhoid fever
  - Liver failure
  - Malaria
  - Meningitis
  - The unconscious patient in Tanzania
  - The patient with breathing difficulties in Tanzania
- Specific procedures are:

- ECG
- Lumbar puncture
- Ascites puncture
- Pleural tap
- Bone marrow puncture and pleural drainage (in theatre)

#### SURGICAL

- You can recognize surgical emergencies
- You know what are common surgical diseases in Haydom Lutheran Hospital
- You know the anatomy that is related to common surgical interventions
- You have assisted in major surgery
- You know the precautions that are taken to limit the surgical risks and complications for the patient

#### PEDIATRICS

- You can make differential diagnosis and know which diseases are more or less common in Tanzania
- You have gained knowledge (on the ward or by study) about:
  - Diarrhea
  - Respiratory tract infections
  - Pediatric asthma
  - Malnutrition
  - Tuberculosis in children
  - Priorities in neonates
  - Malaria
  - Hydrocephalus
  - Burns in children
- Specific procedures are:
  - Wound care of burns
  - Lumbar puncture
  - Ascites puncture
  - Ultrasound on the ward (especially head and abdomen)
  - Hydrocephalus drainage (in theatre)

#### GYNAECOLOGY

- You can take a gynecological history and do a gynecological examination
- You can mention common gynecological diseases in Haydom and know why
- You know the physiological stages of a delivery
- You know the main treats to pregnant women and women in labor in Tanzania
- You know how to assess these risks and make a good differential and prioritize
- You know how to prevent and treat complications in labor
- You know about common STI's in Tanzania, how to prevent, diagnose and treat
- You know the anatomy that is related to common surgical interventions
- You have taken part in deliveries and gynecological surgery

### **5. Limitations and discretion**

Students are not allowed to:

- Prescribe medication
- Take days off without notification and permission
- Make pictures of patients without permission and only for personal or teaching purposes
- Put pictures of patients on weblogs or Facebook without strict permission of the patient
- Share names or specific medical information about patients with others outside the hospital

### **6. Health risks**

The hospital cannot be taken responsible for health risks for the student. We will never force you to put yourself at risk of contracting an infection of any kind. It is the responsibility of the student to:

- inform health care staff *immediately* if you had a needle stick injury (PEP kit is available at all times)
- wear gloves if needed
- check on their vaccination status in their own country (hepatitis B, rabies, meningitis, yellow fever, BCG if advised in their own country)

To come in contact with patients with tuberculosis is inevitable in any ward. If you want to reduce your risk to zero to become infected, you should bring your own mouth protection. In the hospital, there is a (non-strict) isolation policy but staff does not wear extra protecting clothes.

We will never force you to work in the tuberculosis ward, take part in surgery, do procedures, draw blood or put cannulas. If you want you can leave these tasks to others. If you want to gain experience, you are very welcome but it is at your own risk.

## Student lectures

We appreciate it very much if students from abroad can give a lecture in their forelast week. It will be a learning opportunity for both the student and our local staff. Student presentations will not be marked, unless the student requests this on forehand. It is not our goal to test or criticize our students, but our aim is to get them engaged in tropical medicine. We try to make a schedule for the lectures before you arrive in Haydom. If it is not planned yet, please discuss this with the doctor in the ward when you arrive.

### **Guidelines:**

- Choose a subject which you are interested in or a disease that you think is important in Haydom or impressed you in the ward.
- Don't choose a subject which is very uncommon, specific or only relevant in the western world (if you want to start at home you could discuss your subject on forehand with the expat coordinator, the subject might be taken before)
- The lecture should only take around 10 minutes. This is a very short time, so try to make your point and don't spend too much time on details. If you want you can ask one of the doctors to check your presentation on forehand.
- We prefer to have presentations in the central doctors meeting, for students, interns, doctors, AMO's and CO's (preferably on Wednesday or Friday)
- if the presentation is fit for the whole staff (including nursing students) it could be discussed to have a presentation in Sala for all the workers,
- if the presentation is only of interest of a specific kind of doctors (pediatric, internal medicine, surgery/gynaecology) it could be discussed to have the presentation in the departmental meetings (tuesday/thursday)
- A projector can be arranged. If you also need a laptop or a USB stick, please let us know.