Ruharo Mission Hospital

Ankole Diocese

Job Description for Biomedical Engineering

Post: Biomedical Engineer
Reports to: Head of Administration and HR
Works with: Head of Department and In-charges
Answerable to you: None

Ruharo Mission Hospital is a health institution of Ankole Diocese. its mission is provide high quality, accessible and holistic, general and specialized health services to all people of Ankole Diocese and beyond and to witness Christ in service.

Its vision is to have all communities in Ankole Diocese and beyond live healthy and productive lives in witness to God's glory from our services.

This job description is prepared to guide Biomedical service with Ruharo Mission Hospital. Please refer to it from time to time and consult with your immediate supervisor to ensure that your work is in line with the prescriptions of this document.

Purpose: To implement the Biomedical knowledge at Ruharo Hospital and improve the efficient and reliable results for diagnosis and treatment of all patients through proper and quality equipment.

A. Key roles and responsibilities

1) Keep the user and technical Manuals of all the Biomedical Equipment in the hospital for proper maintenance and user training among others.
2) Develop and undertake preventive, predictive, corrective and routine repair and maintenance schedules of all the Biomedical Equipment.
3) Install, adjust, maintain, calibrate, repair, or provide technical support for biomedical equipment.
4) Carryout user training on medical equipment so as to maintain the efficient use of the hospital equipment and safe guard the life span of the equipment.
5) Oversee testing, troubleshooting and repairing malfunctions for medical equipment and provide technical advice about the proper usage to prevent continuous breakdowns.
6) Evaluate the safety, efficiency, and effectiveness of biomedical equipment proper diagnosis and accurate results for clinical Use. This also protects health workers and care takers and the patients themselves.
7) Maintain supplies and biomedical inventory by checking stock, anticipating needs, placing and expediting orders, and verifying receipt.
8) Assist in the procurement process by giving the technical advise about the needed equipment. That is, cheap but expensive to sustain devices, expensive but cheap to maintain devices, good componies with quality equipment, basic

procedures to consider before, during, and after purchasing a medical equipment.

9) Develop standard operating procedures for medical equipment. This is to ensure correct procedures are followed during the use of the device.
10) Spearhead research and innovation in the biomedical engineering department in aspects of the biological systems of humans in collaboration with scientists, chemists, and medical scientists.
11) Protect the hospital against opportunistic people that wants to take advantage of the medical devices at hand.
12) Ensure the positive development of the hospital through quality and trusted results from the equipment of the hospital and ensures public trust.

B. JOB REQUIREMENTS & QUALIFICATIONS

- Bachelor's Degree in Biomedical Engineering
- Practical working experience for at least one year

C. SKILLS & COMPETENCIES

- Analytical skills. Ability to analyze the needs of patients and health workers and design appropriate solutions.
- Communication skills. Ability to express yourself clearly, seek others' ideas and incorporate those ideas into the problem-solving process.
- Creativity. Ability to be creative and come up with innovative and integrative advances in healthcare equipment and devices.
- Problem-solving skills. Ability to deal with and solve problems in complex biomedical systems