

THE Gli-LABORATORY PROJECT ACTIVITIES IN MABESSENEH FOR 2016

Gli-Laboratory project in Mabesseneh was initiated by Probitas in 2013. The project activities included the following:

1. Renovation and restructuring of the old Medical Laboratory of the St. John of God Catholic Hospital
2. Procurement of Medical Laboratory equipment
 - Haematological counter machine
 - Biochemistry analyser
 - Water distillate
 - Water bath
 - Quarterly purchase of reagents for the various tests; etc.
 - Blood Bank
 - Biosafety Cabinet
3. Capacity building of Laboratory Staff

Due to the Ebola Virus outbreak in Sierra Leone, the activities were suspended in 2014 and 2015.

In **February 2016**, Bro Nestor BANBOYE, the head of the laboratory unit, participated in a 2 weeks training in Kumasi, Ghana. The Training was on microbiology and Gli-Laboratory software. The training was a success and Bro Nestor had an opportunity to interact with a Probitas Laboratory specialist for the first time. After the training the Gli-Laboratory was introduced in the St. John of God Hospital Mabesseneh,.

In **August 2016**, Mrs Merce CLARET visited the hospital for 10 days. In the course of her visit she gave intensive training in microscopy and other laboratory procedures to the laboratory staff. She also organized workshop with the nurses and doctors of the hospital on Blood transfusion. She corrected some outdated procedures that were still being carried out in the laboratory. These include:

1. The importance of Cross matching blood before transfusion
2. Malaria density procedure
3. The correct use of blood bags especially for pediatric cases.
4. The correct preparation of giemsa stain.
5. The irrelevance of the WIDAL test for Typhoid fever

6. The importance of blood film in identifying blood parasites; etc.

Most of the laboratory equipment are already installed in the laboratory except for the safety cabinet and blood bank, due to the difficulty in procuring these equipment in Sierra Leone. The supply of reagents has not been steady due to the inability of the supplies to get the reagents when needed; though Probitas has been fulfilling their own part of the contract.

We are expecting Azimut technician from Barcelona in the 1st week of January 2017, to improve the electric power supply in the hospital by expanding the solar system in the hospital. This will be very important in ensuring uninterrupted power to the blood bank.

Below are some Photos of related sites and activities of the GLi Project in Sierra Leone



Biochemistry machine



A staff operating the Biochemistry Machine

Saint John of God
Catholic Hospital
Mabesseneh - Lunsar

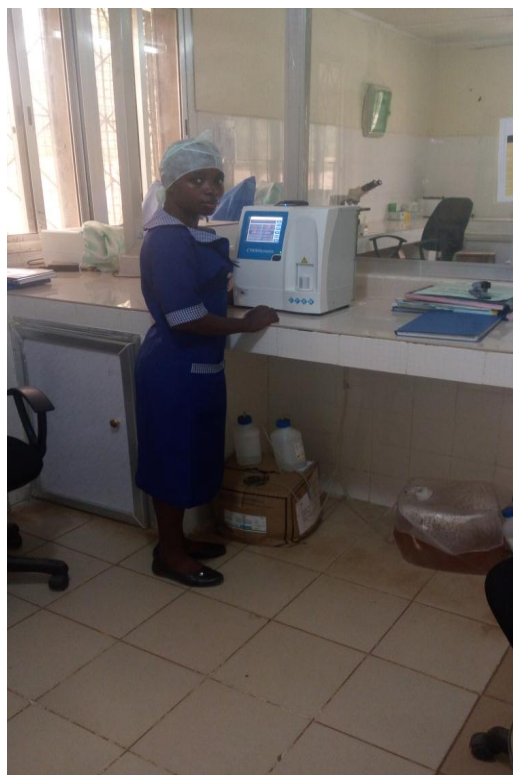
Staff





Saint John of
Catholic Ho
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Heamatology analyser

Saint John of God
Catholic Hospital
Mabesseneh - Lunsar

Years
1967 - 2017



Catholic Hospital
Mabesseneh - Lunsar **Microbiology section**



Catholic Hospital
Mabesseneh - Lunsar

inside view of the renovated Laboratory



Catholic Hospital
Mabesseneh - Lunsar **Laboratory reception**



Catholic Hospital
Mabesseneh - Lunsar
specimen collection site



side view of laboratory results shelf and bleeding site far inside