

Bofam Foundation  
No.5 Royal Airport Plaza  
P.O. Box 16123  
Airport – Acra

Application for Microscope for Note Dame Clinic  
Adoagyiri, Nawam

Notre Dame Clinic Medical Laboratory, Adoagyiri-Nsawam is one of the reliable and much patronized Laboratory in the Nsawam- Adoagyiri Municipal. The Laboratory performs Laboratory examination on both internal and external cases from other hospitals. The Laboratory performs Haematology, Parasitology, Clinical chemistry and others.

The Laboratory had two (2) microscopes “Olympus CX21” and microscope from the open-market without a brand name. The Olympus CX21 microscope is out of use because of illumination problem and problems from microscope objectives. The back-up microscope which is without a brand-name is totally out of use now. It had a very low illumination, stage malfunction and objective problems.

The requests to Notre Dame Clinic Medical Laboratory is mostly Parasitology (Blood film for malaria parasite) and other wet-preparations (Stool and Urine examination, Blood sickling test).

The usage of microscope is very important , without the use of microscope or not performing microscopic work a day in the clinic brings a lot of hardship on both clinicians and patients (internal and external).

In 2018, from Jan to May, the laboratory had performed 2117 as request for malaria, wet preparation for microscopy is about 1380 (stool and urine examination, sickle cell examinations).

As at 8<sup>th</sup> June 2018, laboratory work came to a halt because the only laboratory microscope cannot be used again.

**NOTRE DAME CLINIC MEDICAL LABORATORY STATISTICS FROM JAN TO MAY 2018**

Month	Blood film for malaria parasites	Stool examination	Urine examination	Sickle Cell test
Jan	537	75	113	147
Feb	438	47	102	114
March	393	44	87	87
April	415	54	91	91
May	334	64	123	141
Total	2117	284	516	580

At present, the only way to check for malaria is by using the Rapid Detection Test strips. These are very unreliable and do not give any indication of the severity of malaria parasites,

Notre Dame Clinic Medical Laboratory will be grateful to have a Olympus CX23 microscope. It will help in the performance of microscopical work. The features for the Olympus CX23 microscope with a good LED/Florescence lighting system will help technicians to be more accurate in their work. Any Medical laboratory microscope which could be higher in terms of performance of laboratory work is equally accepted.

Thank you.

In charge of

Notre Dame Clinic Medical Laboratory

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Cost of Micro Scope obtainable from Local Dealer Euro 3.217,-