

Hematology Machine at Bwindi Community Hospital

Bwindi Community Hospital began in 2003 as an outreach clinic under a tree, and has since grown into a 62-bed Hospital providing a wide range of services. Although the healthcare that the Hospital is able to provide has grown drastically in the last 6 years, BCH is still lacking in some of the medical equipment required in order for the Hospital to be able to provide all of the services needed by the community, and all of the services available in Hospitals in the Western world. One of the pieces of equipment BCH is in need of is a Humacount Electronic Blood Cell Counter. This machine is used for a number of different purposes, and a range of clients would benefit from its use. A humacount machine counts hemoglobin and white blood cell differentiation as well as a general blood cell count.

Bwindi Community Hospital would use this machine to test people with HIV in order to see how patients are responding to their treatment programs by measuring their blood cell count. We would use the Humacount to detect malnutrition in children, specifically to detect anemia by testing their blood. Additionally, we would use the machine in our maternity services when determining a woman's ability to deliver by Cesarean Section. We would check to see if a woman is a hemophiliac (someone whose blood does not clot properly), and if so, we would know that performing a Cesarean Section would not be possible due to the woman's inability stop bleeding.

We estimate that 15-20 BCH patients per day would benefit from the use of this machine. It would allow us to much better diagnose malnutrition cases in children, alter drug regimens of HIV positive patients if needed, and be adequately informed regarding a woman's ability to heal from a Cesarean section. Bwindi Community Hospital is currently providing health services in this remote area of Uganda that no one could have ever dreamed of, and we are looking for a donor to help us to elevate our services to the next level by granting us the money needed to buy a Humacount Electronic Blood Cell Counter.

If you would like more information, please send us an email at:

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