



# REPORT ON ANAESTHETIC MACHINE TRAINING [ZOMBA DISTRICT HOSPITAL]

CYRIL GODDIA & KENNETH KAPATUKA  
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# UNIVERSAL ANAESTHESIA MACHINE TRAINING, ZOMBA CENTRAL HOSPITAL.

## BRIEF REPORT BY CYRIL GODDIA AND KENNETH KAPATUKA

The report gives a brief overview on how the anaesthesia machine training was done at Zomba Central Hospital. The machine was donated by Blantyre Institute for Community Ophthalmology (BICO), with financial support from USAID.

We found the UAM in the new Theatre Block where training took place. The machine was unpacked from its casing by Hospital's Biomedical Engineers a week earlier for an official presentation of the machine to Zomba Central Hospital's Eye Theatre. The machine was in perfect condition and all parts were available. We assembled all parts and machine functioned perfectly well. The Hospital did not have the right Pressure gauge to demonstrate calibration of Oxygen Analyzer but we showed them how to do it when they have one.



6 Anaesthetists and 1 Engineer were trained on the use of the UAM and preventive maintenance. We had a power point presentation followed by demonstration of how each part of the machine functions. The Director of BICO, Prof Khumbo Kalua was also in attendance and made sure everyone was comfortable to use the machine after we left.

We wheeled the UAM into major Theatre in the afternoon where we trained users on 3 major operations (Laparotomies).



On the second day of training, the UAM was transferred to the Lion's Eye Theatre where 8 eye operations were done using the UAM. This was the first time the Eye Hospital had an Anaesthesia machine and first time Eye operations were done under

General Anaesthesia in a modern and safe way. Ages of the patients were from 3 to 65 years. It was a great opportunity to train users on the use of the machine in both adults and children using the T-piece and the adult circuit.

All Anaesthetists were comfortable with the machine and it was a big celebration.



We spent quite some time with the Engineer in the evening and discussed further preventive maintenance and how he could communicate with Gradient Health Systems in the event of a major fault within and outside warranty period.

We noted serious problems with knowledge of Ophthalmic Anaesthesia and we discussed with the Head of Anaesthesia, Dr Mabedi, who will teach and supervise the users.

We will make a follow up visit to the Hospital in a couple of months to ensure that all users are happy with the UAM and that safe anaesthetic skills are used.