



**BICO**

*...Excellence in Community Eye Health*



**THE FIRST BENEFICIARIES OF ANAESTHETIC MACHNE:  
ZOMBA CENTRAL HOSPITL**

**SUBTITLE:  
A REPORT ON  
THE FIRST  
BENEFICIARIES  
OF ANESTHETIC  
MACHINE:  
ZOMBA DISTRICT  
HOSPITAL.**

**1<sup>st</sup> April 2016**

## 1. INTRODUCTION

NGO's in Malawi are key to supporting the Ministry of Health in its implementation its programs through the District Health Offices (DHO) and the Central Hospitals. Blantyre Institute for Community Ophthalmology (BICO) is one of the NGOs that support MOH in community Eye health. Recently BICO, through support from USAID, donated an essential general anesthetic machine to Zomba Central Hospital, for use in the eye department. The eye department had been functioning without the machine since its opening in 2010, necessitating all patients needing general anaesthetic to be referred to Queen Elizabeth Central Hospital Eye department in Blantyre. This report provides an overview on how now Zomba Central hospitals' eye department can successfully operate on eyes of the patients with the use of the anesthetic machine.



*Ignazio Wachepa (BICO) handing over the machine to Z.C.H Director*

On 21<sup>st</sup> March 2016, BICO donated a brand new Universal Anesthetic Machine (UAM), with specifications: Anesthesia work station including oxygen concentrator, one vaporizer (halothane

and isoflurane), oxygen and nitrous oxide rotameters, oxygen monitoring and alarm system, bellows and breathing circuit.



*DR. Mathews Josua Hospital director, signing the donation letter*

#### **ANAESTHETIC MACHINE FIRST BENEFICIARIES (Z.D.H)**

Following the anesthetic machine donation by BICO on 21<sup>st</sup> March, Zomba Central Hospital launched the machine on 1<sup>st</sup> April 4, 2016. For the first time, the eye department of the hospital conducted operations using the Anesthetic machine and eight patients were operated on. Among the patients ages, were ranges from 3-30 years old.



*A patient laying on a theater bed before operation.*

## **DIAGNOSIS**

On diagnosis, there were several cases among them: Staphyloma, corneal ulcer, sudden visual loss, ruptured globe, metastasis and endophthalmitis.





*During operation*

### **OBSERVATIONS**

During operations, the surgeons removed some foreign bodies- external objects like glasses in some patients' eyes.



*External objects found in the eye (piece of glass)*

## **CONCLUSUION**

In conclusion, 8(eight) operations were done during the first day that the eye department used the donated anesthetic machine. The operations were successful.

It is expected that this machine will be fully utilized.