

# Research and Reports of Medicine

## Review Article

### A Report to Show the Prevalence of Malaria, Hiperension and Diabetes in OGBONICHA, ALOMA, OGBULU and IBOKO Communities OFU, LGA, KOGI State

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## Background

Urinalysis, Malaria Parasite test, blood pressure checks and body mass index was calculated for the People of Ogbonicha, Aloma, Ogbulu and Iboko, diagnoses made and drugs administered. **403** Persons benefited from this scheme out of which **55** were children and **348** adults. **16** persons had malaria (3.97%), **186** suffered from high blood pressure (46.15%) with the highest being 210/120 mmhg. **11** were diabetic (2.73%).

## Introduction

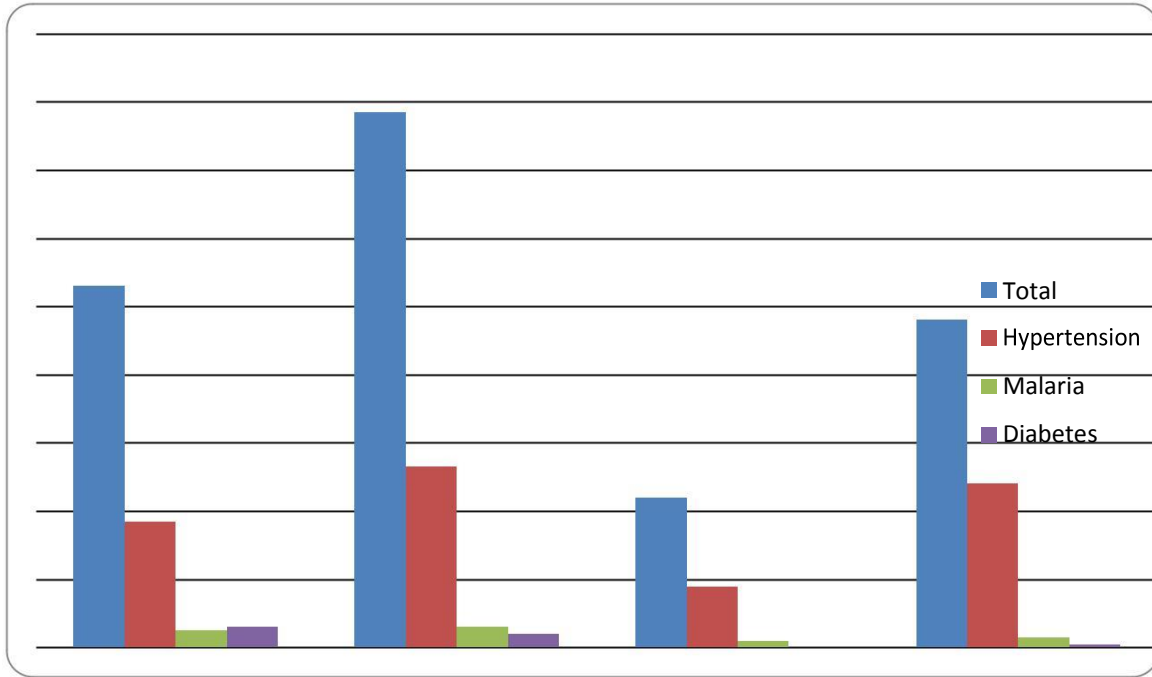
Urinalysis, malaria test, blood pressure checks was conducted to reveal cases of malaria, high blood pressure, Diabetes and treat them accordingly to reduce their prevalence in the aforementioned communities. While Ogbonicha

and Aloma were visited on the 21<sup>st</sup> of December, Ogbulu and Iboko were visited on the 22<sup>nd</sup> December. The Attahs palace was used as the venue for the medical outreach in Ogbonicha, the home of Prince Abubakar Audu was used in Aloma, the LEA Primary School was used in Ogbulu and the old Palace used in Iboko.

**Table (1):** The prevalence of diseases in Ogonicha, Aloma, Ogbulu and Iboko communities

SL NO	Community	Disease/Infection	Total Beneficiary	Number of Persons Diagnosed	REMARKS
1	Ogonicha	Hypertension	106	37	
		Malaria	106	5	Mostly Children Below the ages of 2-10
		Diabetes	106	6	
2	Aloma	Hypertension	157	53	Mostly aged
		Malaria	157	6	
		Diabetes	157	4	
3	Ogbulu	Hypertension	44	18	
		Malaria	44	2	
		Diabetes	44	0	
4	Iboko	Hypertension	96	48	
		Malaria	96	3	
		Diabetes	96	1	

**Figure (1):** The prevalence of diseases in Ogbonicha, Aloma, Ogbulu and Iboko communities



**Methodology**

Beneficiaries moved from the Microbiological bench to the Doctors bench for diagnoses. Children were dewormed, cases of malaria, high blood pressure, diabetes were treated.



**Result**

403 persons benefited from the scheme out of which 16 (3.97%) had malaria, 156 (38.71%) suffered from high blood pressure and 11(2.73%) diabetic. 106 Persons benefited in Ogbonicha out of 5 had malaria(4.72%), 37 had high blood pressure (23.72%), and 6 had diabetes (5.66%). 157 Persons participated in Aloma out of which 6 had malaria, 53 high blood pressure(33.76%) and 4 (2.55) diabetic. 44 Persons benefited in Ogbulu out of which 2 had malaria, 18 had high blood pressure (11.45%) and none diabetic. 96 Persons benefited in Iboko Community out of which 48 had high blood pressure, 3 had malaria and 1 person diabetic.

