Abstract

Hypertension is a very important public health problem not only in developed countries but in Zambia as well. It is a major risk factor for fatal and non fatal ca diovascular disease including Ischemic heart disease and stroke. A cross sectional study was conducted to estimate the prevalence and factors associated with hypertension among full-time UNZA academic staff at Lusaka.

The sample size consisted of 100 consenting adults; Majority of respondents were males accounting for 73 percent; and 44 percent of the respondents were of age 45 years or older. The study established that 67 percent of the respondents u ed alcohol, 66 percent were physically inactive, 57 percent were overweight or obese, 43 percent smoked cigarettes, 71 percent of lecturers complained of work overload (Teaching five or more classes).

The prevalence of hypertension among full-time UNZA academic staff was 39 percent. Hypertension among the academic staff at UNZA was significantly associated with Alcohol in a multivariate analysis. Respondents who did not take alcohol were 28 percent [OR=0.62; 95% C.I(0.40, 0.95)] less likely to be hypertensive.

Hypertension is prevalent among full-time UNZA academic staff. There is a need to consider alcohol consumption in the design of public health int entions to control hypertension in this group of population.

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Contents	Pages
Abstract	i
Acknowledgements	ii
Table of contents	iii
List of tables	vi
List of abbreviations and acronyms	viii
Operational definition of terms	ix
List of Annexes	X
Chapter one INTRODUCTION	
1.0.0 Introduction	1
1.1.0 Background Information	1
1.2.0 Literature Review	5
1.3.0 Statement of the problem	20
1.3.1 Justification for Research	22
1.3.2 Research questions	22
1.3.3 General objective	23
1.3.4 Specific objectives	23

Table of Contents

Chapter two METHODS

2.0.0 Methodology
2.1.0 Research design
2.1.1 Identification of variables24
2.1.2 Selection criteria
2.2.0 Sampling and sample size27
2.3.0 Data collection techniques and data analysis
2.4.0 Ethical considerations
2.5.0 Pre-testing of the questionnaire
3.0.0 Data presentation and analysis
Chapter three
Chapter three 3.1.0 Socio-demographic Characteristics of respondents
3.1.0 Socio-demographic Characteristics of respondents

5.0.0 Study Limitations	45
Chapter Five	
6.0.0 Conclusion and Recommendations	46
6.1.0 Conclusion	46
6.2.0 Recommendations	46
References	47
Annexes	56

List of tables

Table 1Classification of Blood Pressure for Adults
Table 2Communicable Vs non-communicable diseases
Table 3Survey in Zimbabwe (Equal/more than 140/90 mm Hg)
Table 4Survey in Zimbabwe (Equal/more than 160/95 mm Hg)
Table 5Lifestyle modification- HPT prevention/management
Table 6HPT cases UNZA Clinic (2008 Quarterly report)
Table 7People on antihypertensives-2008 UNZA Clinic)
Table 8Variables and indicators
Table 9Participation according to age group
Table 10Marital status of respondents
Table 11Drinking and Smoking habits of respondents
Table 12Involvement in Physical exercises
Table 13Number of classes in an Ideal situation
Table 14Lecturers doing office work at home and how often
Table 15Hypertension awareness
Table 16Sex Vs Hypertension
Table 17Alcohol Vs Hypertension

Table 18.....Smoking Vs Hypertension

Table 19	Physical exe	rcise Vs Hypertension
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Table 20.....Obesity Vs Hypertension

Table 21.....Number of classes teaching Vs Hypertension

Table 22.....Doing office work at home Vs Hypertension

Table 23.....Logistic regression

List of Abbreviations and Acronyms

BMI	.Body Mass Index
CAD	Coronary Artery Disease
CVD	Cardiovascular Disease
DALYS	. Disability Adjusted Life Years
DBP	. Diastolic Blood Pressure
НРТ	Hypertension
IHD	Ischemic Heart Disease
SBP	Systolic Blood Pressure
UNZA	University Of Zambia

Operational definition of terms

- In this study, normal BP was defined as not being on antihypertensive medication and having an SBP of less or equal to 120 mmHg and DBP of less or equal to 80 mmHg.
- Pre-hypertension will be defined as not being on antihypertensive medication and having an SBP of 120–139 mmHg or DBP of 80–89 mmHg.
- Hypertension was defined based on the seventh report of the Joint National Committee
 on prevention, detection, evaluation and treatment of high blood pressure: the JNC-7
 report cut-off point of 140 mmHg and above for SBP and/or 90 mmHg and above for
 DBP, and also if the subject is on antihypertensive me ation.
- Stage 1: hypertension was defined as SBP of 140–159 mmHg or DBP of 90–99 mm Hg.
- Stage 2: hypertension SBP more than or equal to 160 mmHg or DBP more than or equal to 100 mmHg.
- Awareness of hypertension will be defined as a subject's report a previous medical diagnosis of hypertension.
- Treatment of hypertension will be defined as current use of a prescribed medication intended to lower blood pressure. Clients who may be found to have hypertension will be asked whether they are using pharmaceutical treatment for hypertension (not including dietary supplements or lay medicines).

List of Annexes

Annex 1UNZA Biomedical Research Ethics Committee
Annex2Body Mass Index reference table
Annex3Budget
Annex4Information Sheet
Annex 5Informed Consent Form
Annex 6Permission letter (UNZA Registrar)
Annex 7Questionnaire
Annex 8Timeline