

The Prevalence of Stillbirth and Its Associated Risk Factors at Kitwe Teaching Hospital

Chikwalila Chipo*

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Supplementary

Appendix 1: Gantt chart

Activity(months)	May 2022	October 2022	November-December 2022	January 2023	February 2023
Handing in of proposal					
Ethical clearance					
Data collection					
Data entry					
Data analysis					
Report writing					
Submission of report					

Appendix 2: Budget

Item	Quantity	Unit price	Total price
Clearance fee		500	500

Stationary		100	100
Data bundles		200	200
Transport		500	500
Printing, photocopying and binding		200	200
			K1,500

Appendix 3: Information sheet

Introduction: Hello, my name is Chikwalila Chipu, 5th year medical student from the Copperbelt University. I am conducting research on the prevalence of Stillbirth and its associated risk factors at Kitwe Teaching Hospital.

Purpose of the study: Purpose of the study is to assess the prevalence of stillbirth at Kitwe teaching hospital in 2020.

Study procedures: The study will be conducted at Kitwe teaching hospital and will involve the use of the retrospective study design which requires that the information will be collected from data files at the hospital and will be analyzed using the statistical package for social sciences (SPSS Ver. 21).

Confidentiality: The information collected from the patient files at the eye hospital will strictly be used for academic purposes and will not be misused in any way that would breach the confidentiality.

Study benefits: Since the study involves collected information from the patient files, there is no direct contact with the involved patients. However, if the answers to the questions in the research are found, the patients as well as the general public will benefit in the sense that the information obtained will help in policy making & that it will ensure appropriate intervention to help reduce the effects of stillbirth in the province and the country at large.

Study risks: There are no risks associated with participating in this study

Voluntariness: Participation in this study is voluntary and should the participant choose not to participate, there will be no penalty or injury to you and you will continue to receive the same health care that you deserve.

If you have any doubt or you wish to seek clarification on the research, please feel free to contact the main researcher on the address below:

Name: Chipu Chikwalila

Organization: The Copperbelt university

Email: chipochikwalila01@gmail.com

Tel: +260975093005

If you have any complaints about the study, please contact the secretary of the TDRC Ethics Review Committee on the following address

The Secretary

TDRC Ethics Review Committee Box 71769

Email: tdrc-ethics@tdrc.org.zm or ethics.tdrc@gmail.com Tel: +260 612837

I understand the information given to me and that my participation in this research is

Completely voluntary and its purpose has been fully explained to me. I also understand that my rights and privacy will be respected.

Name of participant

Signature or thumb print of participant

Name and signature of person obtaining consent

Appendix 4. Data extraction form

This is a pretested extraction form by (Bello et al, 2015).

Secondary Data Extraction form on Stillbirths.

Patient file number.....

Outcome of pregnancy

	Yes	No
Stillbirth		
Livebirth		

Type of stillbirth if had

	Yes	No
Macerated		
Fresh		

Social demographic risk factors

Risk factor	Yes or No
Maternal age	
15- 25 years	
26-35	
>35	
Residence	
Rural	

Urban	
Mode of delivery	
Vaginal delivery	
C/Section	
Booking status	
Unregistered	
Registered	
Gravidity	
G1	
G2-4	
>G4	

Maternal risk factors

Risk factor	Yes or No
Prenatal causes	
Anemia	
Diabetes melitus	
Maternal infection	
Placenta abruption	
Hypertensive disorders of pregnancy	
Intrapartum causes	
Antepartum hemorrhage	

Fetal risk factors

Risk factor	Yes or No
Weight of the baby	
Low birth weight (< 2500g)	
Normal birth weight (2500-4000g)	
Macrosomia (>4000g)	
Congenital malformations	
Fetal distress	
Fetal growth restriction (FGR)	



THE COPPERBELT UNIVERSITY
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NDOLA CAMPUS

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Dean's Office
P.O. Box 71191
NDOLA

29th November, 2022

The Director,

National Health Research Authority,

P.O. Box 30075,

Lusaka.

Dear Sir/Madam,

RE: REVIEW OF RESEARCH PROPOSAL

I hereby write to introduce the Research and Ethics Committee the named student, Chipso Chikwalila (Student ID: 16101003) pursuing bachelor of Science in Medicine and Surgery (MBChB) at The Copperbelt University, School of Medicine at Ndola Campus. **The title of the research is; The Prevalence of Stillbirth and its associated risk factors at Kitwe Teaching Hospital in Kitwe, Copperbelt province, Zambia.** Kindly attend their research protocol for onward transmission to the ethics committee and further work on their dissertation.

Yours Sincerely,

Dr. Chikafuna Banda

Head of Unit- Public Health

Lecturer and Researcher.

TROPICAL DISEASES
Tel/Fax +260212 615444
P O Box 71769
tdrc-ethics@tdrc.org.zm
NDOLA, ZAMBIA



RESEARCH CENTRE

TDR RESEARCH ETHICS COMMITTEE
IRB REGISTRATION NUMBER : 00002911
FWA NUMBER : 00003729

TRC/CA/08/2022

15th August 2022
Chikwalila Chipso
School of Medicine
Copperbelt University
NDOLA

Dear Chipso,

RE: ETHICAL APPROVAL OF A PROTOCOL ENTITLED "PREVALENCE OF STILL BIRTHS AND ITS ASSOCIATED RISK FACTORS AT KITWE TEACHING HOSPITAL."

Reference is made to your letter in which you submitted the above titled protocol for ethical review.

On behalf of the Chairperson of the TDR Research Ethics Committee (REC), I wish to inform you that the Committee reviewed the protocol.

The Committee has noted that all ethical considerations have been well addressed. Therefore, I hereby write to inform you that your protocol has been granted ethical approval.

Should there be any protocol modifications, amendments or violations, you are required to notify the REC and submit protocol amendments for approval.

This approval is valid for the period 15th August 2022 to 14th August, 2023.

You are now required to submit your protocol to the National Health Research Authority for final approval following the link: <https://www.nhra.org.zm> and submit a final report to the REC Secretariat at the end of the study.

The Committee wishes you success in the execution of the study.

Yours faithfully,

TROPICAL DISEASES RESEARCH CENTRE

Mr Sydney Mwanza
DEPUTY SECRETARY – TDR Ethics Review Committee

All Correspondence should be addressed to the
Provincial Health Director
Telephone/ Mobile No. +260981274/ +260 978329175
Email: copperbeltphd@gmail.com



REPUBLIC OF ZAMBIA
MINISTRY OF HEALTH
COPPERBELT PROVINCIAL HEALTH OFFICE

PWD Yard, Kabompo Road
P.O. Box 70052,
Kansanshi
NDOLA

30th August, 2022

Ms. Chipu Chikwalila
Copperbelt University,
School of Medicine,
P.O Box 71191
NDOLA

Dear Ms. Chikwalila,

RE: REQUEST FOR PERMISSION TO CONDUCT RESEARCH

Reference is made to your letter regarding the above captioned subject.

I am pleased to inform you that Management has favourably considered your request and has granted you permission to conduct the Research entitled: **"The Prevalence of Stillbirth and its associated risk Factors at Kitwe Teaching Hospital,"** Kitwe, Copperbelt Province.


Kindly note that the data you will collect should not be used for any other purposes other than for academic purposes only and that you should adhere to all the preventive measures for COVID-19 and the guideline as provided for by TDRC Ethics Review Committee.

Share your findings with this office for our reference and information purposes.

I wish you a successful study.

Yours faithfully

COPPERBELT PROVINCIAL HEALTH OFFICE

PP 

Dr. Charles Mwinuna

ACTING PROVINCIAL HEALTH DIRECTOR



All correspondence to be addressed to
the Senior Medical Superintendent
Kitwe Teaching Hospital
Email: kitwe@kitwehospital.gov.zm
Tel: 0981274/0978329175



REPUBLIC OF ZAMBIA
MINISTRY OF HEALTH
KITWE TEACHING HOSPITAL

Plot 283, Kuumbuka Drive
P O Box 20869, Kitwe, Zambia

6th October, 2022

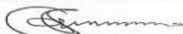
Ms. Chipu Chikwalila
Copperbelt University
School of Medicine
P O Box 71191
Ndola

REQUEST FOR PERMISSION TO CONDUCT A RESEARCH AT KITWE TEACHING HOSPITAL TITLED: "THE PREVALENCE OF STILL BIRTH AND ITS ASSOCIATED RISK FACTORS AT KITWE TEACHING HOSPITAL".

I make reference to the above captioned subject and your letter dated 16th May 2022 in which you requested for authority to conduct the titled study at the Kitwe Teaching Hospital. Be informed that the hospital management reviewed the protocol and all the approvals and has No Objection to you conducting the study at the institution.

Kindly share the findings of the study with the hospital community and keep us abreast at each stage of the study.

Wishing you all the best as you conduct the study.


Dr. Abidan Chansa
Senior Medical Superintendent
KITWE TEACHING HOSPITAL

cc. file





NATIONAL HEALTH RESEARCH AUTHORITY
Paediatric Centre of Excellence, University Teaching Hospital, P.O. Box 30075, LUSAKA
Chalala Office Lot No. 18961/M, Off Kasama Road, P.O. Box 30075, LUSAKA
Tell: +260211 250309 | Email: znhrasec@nhra.org.zm | www.nhra.org.zm

Ref No: NHRA0000011/8/12/2022

Date: 8th December, 2022

The Principal Investigator,
Chipo Chikwalila,
Copperbelt University,
Ndola, Zambia.

Dear Mr. Chikwalila,

RE: REQUEST FOR AUTHORITY TO CONDUCT RESEARCH

The Authority is in receipt of your request for ethical clearance and authority to conduct research titled **"The Prevalence of Stillbirth and its Associated Risk Factors at Kitwe Teaching Hospital in Kitwe, Copperbelt Province, Zambia"**.

I wish to inform you that following submission of your request to the Authority, our review of the same and in view of the ethical clearance, this study has been **approved** on condition that:

1. The relevant Provincial and District Medical Officers where the study is being conducted are fully appraised;
2. Progress updates are provided to NHRA quarterly from the date of commencement of the study;
3. The final study report is cleared by the NHRA before any publication or dissemination within or outside the country;
4. After clearance for publication or dissemination by the NHRA, the final study report is shared with all relevant Provincial and District Directors of Health where the study was being conducted, University leadership, and all key respondents.

Yours faithfully,

NATIONAL HEALTH RESEARCH AUTHORITY

Prof. Godfrey Biemba,
DIRECTOR/CHIEF EXECUTIVE OFFICER