



**ST Joseph Mission Hospital**

**Enhanced Diabetes Diagnosis and Monitoring Project Proposal**



**Presented to Ushamwari Foundation**

**OLVG Amsterdam**

**Netherlands**

**December 2013**

## **1. Background**

Diabetes is a chronic disease characterized by chronic hyperglycaemia which requires lifelong treatment. Its prevalence in Africa varies between 1% and 20%. The global spread of diabetes has given it the characteristics of a pandemic. According to the World Health Organisation (WHO) the most frequent form is Type 2 diabetes which represents more than 85% of the cases. Other forms are Type 1 (10%), specific diabetes and gestational diabetes (5%).<sup>1</sup>

WHO (2013) estimates that more than 180 million people worldwide have diabetes. This number is likely to more than double by 2030 without urgent action. In 2005, an estimated 1.1 million people died from diabetes, almost 80% of them occur in low and middle-income countries where diagnosis and access to treatment is often limited. Women account for 55% of diabetes deaths (WHO; 2013). There is need for developing better coordination of efforts on diabetes diagnosis, treatment, and monitoring across the African region.

## **2. Introduction**

According to the International Diabetes Federation (IDF) the prevalence of diabetes in Zimbabwe is estimated to be 9.8% (2012). The prevalence gives the nation a global diabetes burden ranking of 48. The Zimbabwe Diabetic Association (ZDA) believes the prevalence figure of 9.8% is lower than the projected burden. The association highlighted that the prevalence of diabetes was set to increase as evidence-based research had shown that 50-80 percent of all people affected with the disease are unaware of their condition. A survey carried out in Zimbabwe in 2005 showed that 10 percent of the population suffers from diabetes and because of improved lifestyle and consumption of more refined foods the prevalence of diabetes is set to rise.

Addressing delegates at the commemoration of the Diabetes day in 2012 the president of ZDA said, diabetes is on the increase in the country and globally and currently more people are dying of the disease than of HIV and AIDS related illnesses. While countries are busy focusing on HIV and AIDS, it has emerged that deaths caused by diabetes commonly referred to as the silent killer, have overtaken the number of people who succumb to HIV and AIDS. Meanwhile, the Ministry of Health and Child Care (MOHCC) in Zimbabwe has pledged to embark on a vigorous awareness campaign to educate people on the dangers of diabetes. The ministry is taking steps to educate the public on non-communicable diseases to help people maintain their good health.

By implementing what is contained in this proposal we intend to compliment the MOHCC in raising awareness about the diabetes and equip clinics with diabetes diagnosis and monitoring devices. The projected will be implemented by the three mission hospitals under the management of the Dominican Sisters i.e. St Joseph's, St Theresa's and Regina Coeli. This will be done in partnership with the OLVG's Ushamwari Foundation.

### **3. OLVG-Zimbabwe partnership**

#### **Zimbabwe**

Zimbabwe is about 10 times the size of the Netherlands, and has around 12 million inhabitants. The country is divided into 10 provinces (including the two largest cities Harare and Bulawayo), and each province consists of 7 districts. In each district, Primary Healthcare Centers are serving a catchment area of 8000-12000 inhabitants. These Primary Healthcare Centers are run by nurses, who also perform deliveries and mother-and-child care. Each district has one District Hospital, and each province has one Provincial Hospital. The districts are overseen by a District Medical Officer. The OLVG-Zimbabwe partnership involves three rural hospitals, that are managed by the Dominican Sisters.

#### **Partner hospitals**

St. Theresa's Hospital in Charandura, Mvuma, is the largest of the three hospitals that are run by the Dominican Sisters. The hospital has 188 beds. The catchment area is estimated at 25.000 inhabitants. There is a large nurse training school attached to the hospital, which attracts students for training from all over Zimbabwe. Over 60 nurses are in training here, divided over three year groups. An extensive and well-functioning Home Based Care program is delivered to the surrounding communities. This includes support group programs for HIV- positive patients such as gardening, sewing, and recently a group of youngsters started a workshop of welding and other metal applying techniques. The hospital staffing includes 2 doctors, Dr. Maunga (who is also acting as the District Medical Officer) and Dr. Maruba. There are 44 nurses, of which 25 are registered nurses, including the nurses that have qualified as midwives. There is 1 lab technician.

St. Josephs hospital is a former TB hospital situated in a high density (poor) part of Mutare. Due to government policy the hospital was in 2009/2010 transformed into a general hospital with a focus on HIV prevention and HIV/ARV treatment. Hospital staffing includes 1 doctor Dr. Maphosa (part- time who also serves as District Medical Officer), 13 nurses, and 1 lab technician. There are 42 beds.

The hospital in Regina Coeli is situated in the Nyanga District, in the beautiful mountainous area called Eastern Highlands, close to the Mozambiquan border. It has a catchment area of approximately 6867 inhabitants, but on top of that it receives many referrals from other hospitals and from Mozambique. Hospital staffing includes 1 doctor, Dr. Mukapa. A second position for a doctor is currently not fulfilled. There are 12 nurses, 3 midwives, 2 microscopists, but no formal lab technician.

Each of the abovementioned hospitals coordinate the care in the Primary Healthcare Centers that are serving a catchment area of 8000-12000 inhabitants. These Primary Healthcare Centers are run by nurses, who also perform deliveries and mother-and-child care.

#### **4. Goal**

To reduce the burden of diabetes in the catchment areas of St Joseph's, St Theresa's and Regina Coeli hospitals

#### **5. Objectives**

1. To increase the proportion of health facilities that routinely screen and appropriately manage selected diabetes to at least 50% by December 2014
2. To raise awareness about diabetes in the catchment areas of St Joseph's, St Theresa's and Regina Coeli hospitals by December 2014
3. To train 40 nurses on the management of diabetes by the 31<sup>st</sup> of December 2014

#### **6. Outcomes**

1. Number of community members reached through community sensitisation and awareness meetings
2. Number of health facilities routinely screening patients for diabetes
3. Number of patients routinely screened for diabetes
4. Number of patients newly diagnosed diabetes

#### **7. Implementation plan**

The project will be implemented in three rural districts, namely Mutare, Nyanga and Chirumanzu districts which host the three mission hospitals, St Joseph, Regina Coeli

and St Theresa's respectively. The doctors at the three mission hospitals will be responsible of ensuring that the project is implemented as expected to meet the goals and objectives. Glucometers and glucostrips will be procured and distributed to the hospitals and the surrounding catchment area clinics to ensure that patients are routinely screened and monitored for diabetes. Nurses at the clinics will be trained on the use of the glucometers and refresher courses on diabetes will be done as well. With the assistance of the respective MOHCC district health executive members, community mobilisation and sensitization meetings will be held with the communities to raise awareness on diabetes.

Table 1 below provides a detailed implementation plan of the activities to be done and full budget of the activities. Implementation will be done separately in each district with one report being compiled biannually on the activities. Monitoring and evaluation will be done continuously with quality control checks being done every quarter with assistance of the district laboratory scientist.

**Table 1: Detailed plan and budget**

<b>Activity number</b>	<b>Activity Name</b>	<b>Activity description</b>	<b>Cost US\$</b>
1.	Procurement of glucometers and test strip	36 glucometers at unit cost of \$50 <ul style="list-style-type: none"> <li>Each of the 3 hospitals to receive 12 glucometers to distribute to the 10 catchment area clinics</li> </ul> Procure 10800 test strips at unit cost of \$25 per 50 strips <ul style="list-style-type: none"> <li>Each clinic of the 36 health centres is to receive 300 test strips</li> </ul>	7,200.00
2.	Community advocacy & sensitization	To hold 6 community mobilisation and sensitization meeting to raise awareness about diabetes <ul style="list-style-type: none"> <li>Each mission hospital to hold at least 2 meeting within their catchment areas to reach at least 250 people</li> </ul>	1,800.00
3.	Nurses' training	Conduct one day diabetes refresher course and training in the use of glucometers <ul style="list-style-type: none"> <li>36 nurses (12 from each district) to be trained at cost of \$50 per person per day and conference fees</li> </ul>	2,550.00
4.	Overhead costs	Typing, printing, photocopying, internet and phone calls	150,00

<b>5.</b>	<b>Total</b>		<b>US\$11,700.00</b> <b>€9,000.00</b>

## **8. Accountability**

The project is managed by the three doctors in the respective hospitals and their districts. Final accountability will be by Dr. Maphosa, St. Joseph's hospital, Mutare.

### **Time frame**

The project will commence i.e. procurement, training and community sensitization, on the 1<sup>st</sup> of March 2014 after release of funds. The project is expected to be completed on the 31<sup>st</sup> of December 2014.

### **References**

International Diabetes Federation, 2012. Diabetes Key Messages. [accessed online 07/01/14] <http://www.idf.org/diabetesatlas>

World Health Organization, 2013. Diabetes Mellitus Control [accessed online 07/01/2014] <http://www.afro.who.int/en/zimbabwe/zimbabwe-publications/1773--diabetes-mellitus.html>

## **Curricula vitae of the doctors involved in the project**

# DR TALENT MAPHOSA CURRICULUM VITAE

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## PERSONAL PROFILE

**Name:** Talent Maphosa

**Nationality:** Zimbabwean

**Sex:** Male

**Marital status:** Married

**Languages:** English, Shona

**D.O.B:** 02 January 1981

**Postal address:** No 2, Walk-up Flats,  
93 1<sup>st</sup> street  
Mutare  
Zimbabwe

**Mobile:** + 263 772 424 454

**Telephone:** +263 20 63759 (home)

**E-mail:** [drtmaphosa@gmail.com](mailto:drtmaphosa@gmail.com)  
[drtmaphosa@yahoo.com](mailto:drtmaphosa@yahoo.com)



## Executive Summary

### September 2006 – Present

#### MOHCW Mutare District Health, Zimbabwe

*District Medical Officer.*

Dr. Maphosa is currently the District Medical Officer (DMO) for Mutare District under the Ministry of Health and Child Welfare (MOHCW). I have occupied the post for the last 6 years since September 2006. Since assuming the post my area of work has been to support, supervise and coordinate district health activities. This includes implementing reproductive health activities, HIV/AIDS programs, IMCI and maternal and child health programs. I also write district plans and reports at the end of each quarter. During the time I have gained a lot of organizational, planning and coordination skills.

One of my major achievements during my tenure was to pilot the implementation of antiretroviral therapy in the Maternal and neonatal child (MNCH) department at Mutare Provincial Hospital (MPH) in August 2009. The program has been embraced by the MOHCW as part of the comprehensive PMTCT package to achieve elimination of new paediatric HIV infections. The initiative started as a home grown response to the low numbers of pregnant women being initiated on antiretroviral therapy. Since then the program has spread to the whole of Zimbabwe, and has seen the numbers of pregnant women initiated on ART increase markedly. I also coordinated and managed the response to the cholera epidemic of November 2008 to March 2009. I was also the focal person for Manicaland in the response to swine flu (H1N1) during 2009.

Currently I am one of the four investigators for the Elimination of Paediatric AIDS in Zimbabwe (EPAZ) project. EPAZ is a PMTCT implementation research team funded by the World Health Organisation (WHO) and Canadian International Development Agency (CIDA). EPAZ team constitutes members from MOHCW, FACT and Africa University Clinical Research Centre (AU-CRC). The team is based in Manicaland province and is part of the WHO INSPIRE projects (**I**ntegration and **S**caling up **P**MCT through **I**mplementation **R**esearch). I am also currently leading the MOHCW Manicaland provincial team in piloting the mentorship program in Zimbabwe. The objective of the program is to translate classroom learning into practical training to enhance the quality of HIV care offered to patients with in PMTCT.

In 2008, collaborated with Dr G Foster (*Manicaland Provincial Paediatrician and Founder Family AIDS Caring Trust[FACT]*) and the Kellogg Foundation to conduct research on the responses of community- and faith-based organizations to the HIV/AIDS epidemic. The implementation research project is being published as:

Foster G., Maphosa T., and Kurebva F. (2011) **Faith untapped: Linking community-level sectoral health and HIV/AIDS responses**. In J. Olivier and Q. Wodon (Eds). *Strengthening faith-inspired health engagement in Africa*. Washington, DC: The World Bank. (*in press*).

As the Medical officer for OI/ART, I consult patients at St Joseph TB hospital and at Opportunistic Infection Clinics in Mutare city and district. My clinical duties involve initial assessment and first contact with all patients who visit the outpatient and casualty department and instituting first line management. I do the initial assessment of all HIV infected patients and management of opportunistic infections, starting patients on antiretrovirals, and management of side effects of antiretrovirals. Supervision and coordination of OI/ART activities within the program, including expansion of ART rollout report writing, compilation of statistics and monitoring and evaluation.

My strength is always teamwork and I believe in pulling everyone putting their efforts to achieve set goals and targets. I believe I am capable of leading from a position of strength not to take calculated risks to achieve team objectives.

#### **2004– 2006; Internship with Ministry of Health and Child Welfare attached at United Bulawayo Hospitals.**

During this period I went through rotations in the department of Paediatrics, Medicine, Obstetrics and Gynaecology and Surgery as an intern, being supervised and assessed by already practicing senior consultants.

## **REGISTRATION**

**August, 2004 – Present** Registered in the register of General Practitioners with the Medical and Dental Practitioners Council (MDPCZ).

Presently am registered to practice in Zimbabwe as a Government Medical Officer.

Registered member of the Southern Africa HIV Clinicians association.

## **EDUCATIONAL AND PROFESSIONAL QUALIFICATIONS**

*Find the attached certificates.*

**2011 to 2013 – Completed a Masters in Development Studies (MDS)** with the University of Free State (UFS), Bloemfontein South Africa. My specializations are Health & Development

**2009 – Acquired a Diploma in HIV Management** with the RHRU of Wits University, South Africa

**2004– Obtained a Bachelor of Medicine and Bachelor of Surgery Degrees (MBChB)** with the University of Zimbabwe

*International courses attended.*

1. **Research Methods Course in Reproductive Health and HIV**, with the Reproductive Health and HIV Research Unit (RHRU) of the University of the Witwatersrand Johannesburg, South Africa. 21<sup>st</sup> July – 14<sup>th</sup> August 2008.
2. **Clinical HIV Management Course**, with Reproductive Health and HIV Research Unit (RHRU) of the Witwatersrand, Johannesburg, South Africa. 7 – 18 July 2008.
3. **International training course on Chinese Acupuncture and Moxibustion towards African Countries** sponsored by the Ministry of Commerce and organized by International Exchange Centre Shanxi Provincial Health Department. July 1<sup>st</sup> 2007 to September 30<sup>th</sup> 2007 in Taiyuan, the People's Republic of China.

*Ordinary and Advanced Level Qualifications.*

**1997 to 1998 – Was at St Patrick's Mission School – Advanced level Cambridge Examinations** 14 points (Mathematics; A ,Physics B ,Chemistry A)

**1993 to 1996 – Nkululeko Secondary School – Ordinary Level Cambridge Examinations** 2 As, 3 Bs, 3 Cs

## **HOBBIES**

- Passionate golf player
- Watching sports, mainly soccer, cricket and tennis
- Playing soccer and cricket

## REFERENCES

**1. Professor Vhumani Magezi**  
**Executive Director**

**Family AIDS Caring Trust (FACT)**

0772149198, 020-66015; email: [vmagezi@fact.org.zw](mailto:vmagezi@fact.org.zw)

**2. Dr G Foster**  
**Provincial Pediatrician**

Manicaland Province

0772 265 830, 020 61650; email: [gfooster@mweb.co.zw](mailto:gfooster@mweb.co.zw)

**3. Dr S Nyadundu**  
**Medical Superintendent**

Mutare Provincial Hospital

0712 616 183, 020 67273

# Dr Simbarashe Maunga

Box 15  
Charandura  
Zimbabwe

e-mail(s): [zim.simba.maunga@gmail.com](mailto:zim.simba.maunga@gmail.com) , [simaunga@yahoo.com](mailto:simaunga@yahoo.com)

cellphone no: +263772286685

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## Core Competencies

*Teamwork* - Strong interpersonal skills and ability to establish and maintain effective partnerships and working relations with people in a multi-cultural, multi-ethnic environment with sensitivity and respect for diversity,

*Communications* - Strong communication (spoken and written) skills, including the ability to advise and train. Well developed computer skills.

*Commitment to Continuous Learning* - Willingness to keep abreast of new developments in the Medical field, public health and HIV/AIDS.

## PERSONAL INFORMATION

Date of Birth: 22 February 1980

Place of Birth: Masvingo, Zimbabwe

Marital Status: Married

Sex: Male

Languages: English, Shona

Religion: Christianity

National ID number: 63-1104214Q42

Passport Number: BN843304 (Zimbabwean)

Driver's licence: 07594GM class four

## **PROFESSIONAL EXPERIENCE**

APRIL 2012 to date: Acting District Medical Officer, Chirumhanzu district

- Planning
- Operational management and leadership
- Medico-legal duties
- District supervision
- Clinical duties
- Public health activities

April 2007 to March 2012: Government Medical Officer, Chirumhanzu District, Zimbabwe

- Clinical work which includes management of medical and surgical cases, both inpatients and outpatients.
- Running of the Opportunistic Infections / ART clinic, PMTCT programmes, Community Home Based Care programmes, Outreach programmes.
- Assist with compilation of hospital statistics, and Monitoring and Evaluation of the OI / ART programme.
- Involvement in the teaching, mentoring and training of the more junior staff, including Facilitation at various HIV/ AIDS-related workshops.
- Experience in the vibrant Maternity and Paediatric departments.
- Planning and operational management, and leadership within the district, including medico-legal duties, district supervision, public health activities, clinical audit meetings, financial resource mobilization and management.

November 2005 to April 2007: Casualty Officer, Harare Central Hospital, Zimbabwe

- Management of cases in the Accident and Emergency department.
- Assistance with Outpatient and "Follow-up" cases.

November 2004 to October 2005: Senior Resident Medical Officer, Harare Hospital

- Performance of various requirements in the department of Obstetrics and Gynaecology; including caesarian sections, instrumental deliveries, surgery for ectopic pregnancies and

other pelvic masses.

- Practical experience in Paediatric and Neonatology departments.

August 2003 to October 2004: Junior Resident Medical Officer, Harare Hospital

- Working in the Medical department and experience in various practical procedures.
- Working in the various surgical departments and assisting in theatre cases.

## **ACADEMIC QUALIFICATIONS**

1998 to 2003: Degrees of Bachelor of Medicine and Bachelor of Surgery (MB, ChB).

University of Zimbabwe.

<b>SUBJECTS-O LEVEL</b>	<b>GRADE</b>
Mathematics	A
Physics and Chemistry	A
Agriculture	A
History	A
Biology	A
English Language	B
English Literature	B
Shona	B
Geography	B

1996 to 1997: Advanced Level Certificate (UCLES).

Kutama College (St Francis Xavier's)

Zimbabwe

1992 to 1995: Ordinary Level Certificate (UCLES).

Zimuto High School, Masvingo, Zimbabwe

<b>SUBJECTS-A LEVEL</b>	<b>GRADE</b>
Mathematics	A
Biology	A
Chemistry	B

## **OTHER ACADEMIC ACHIEVEMENTS**

**DMO Training Leadership and Management part2, Cohort 2, 04-08 march 2013.**

CDC, UZCHS, MOHCW, Zimbabwe

**PMTCT and Paediatric HIV Care and Treatment Clinical Mentoring Training, 19-23 November 2012.**

EGPAF, MOHCW, Zimbabwe

**DMO Training Leadership and Management part 1, Cohort 2, 08-17 October 2012.**

CDC, UZCHS, MOHCW, Zimbabwe

**DHE Training in leadership and management, 16-20 July 2012.**

MOHCW, UZCHS, Zimbabwe

**Rapid Response Team Orientation Training, 02-04 April 2012.**

MOHCW, CPU and WHO, Zimbabwe

- Emergency Preparedness and Response, Integrated Disease Surveillance and Response, Disaster management concepts
- Case management: Cholera, Typhoid fever
- WASH in emergency scenarios, infection control mechanisms
- Mass casualty and trauma management
- Advocacy and social mobilization, contingency planning and coordination mechanisms in emergencies

**Disaster Preparedness Training workshop, 14-15 June 2011.**

Counseling Services Unit, ICRC, Zimbabwe

- Emergency preparedness
- Victim friendly units
- Case management in special situations: physical, psychological trauma

**Integrated Management of Adult and Adolescent Illness (IMAI); Integrated Management of Pregnancy And Childbirth (IMPAC), 30 May-03 June 2011.**

MOHCW and ZVITAMBO, Zimbabwe



- Acute and chronic case management
- HIV/ AIDS care and support
- Good practices during Antenatal care, labour and delivery, and Postnatal care
- PMTCT aspects during Antenatal care, labour and delivery, and Postnatal care

**National TB Case Management Training, 09-12 May 2011.**

AIDS and TB Unit, MOHCW, Zimbabwe

- TB Case detection and treatment, including childhood TB.
- Identification and supervision of community treatment supporters; ensuring continuation of TB treatment, and informing patients about TB.
- TB/ HIV collaborative activities
- TB medicines and supplies; Monitoring and Evaluation of program performance.

**PMTCT modified MER14 ARV Prophylaxis and neonatal NVP prophylaxis, 07-11 February 2011.**

AIDS and TB Unit and ZVITAMBO, Zimbabwe

- Integrated approach to HIV/ AIDS prevention, care, treatment and follow up for pregnant women, their babies and families.
- Integrating ART in Maternal, Neonatal and Child Health (MNCH) settings.

**Operational Research in HIV/AIDS training course supported by Global Fund Round 8 through National AIDS Council, 26-29 October 2010.**

University of Zimbabwe College of Health Sciences

- Objectives and hypothesis testing including proposal development.
- Study designs and sampling techniques, Data collection and measurements.
- Principles of Data management and Data analysis.

**PMTCT More Efficacious Regimen (MER) ARV Prophylaxis, 08-12 March 2009.**

AIDS and TB Unit, Ministry of Health, Zimbabwe

- Integrated approach to HIV / AIDS prevention, care, treatment and follow up for pregnant women, their babies and families.

**HIV Prevention, Care and Treatment in Children, 19-23 March 2007.**

AIDS and TB Unit, and University of Zimbabwe

- Prevention, Clinical manifestations, Staging and Diagnosis, Management principles.
- Counseling, Psychological support, Disclosure, Adherence, Palliative care.
- Monitoring and Evaluation of Paediatric HIV care, and treatment programmes.

**Advanced Cardiovascular Life Support (ACLS), 02-04 April 2007**

**Basic Life Support (BLS), 02 April 2007**

MARS, Zimbabwe

- Identification and treatment of medical conditions that place the patient at risk for cardiac arrest.
- Improve the quality of care provided to the victim of cardiac arrest or other cardiopulmonary emergencies.

## REFERENCES

**1. DR M CHEMHURU**

PROVINCIAL MEDICAL DIRECTOR

PMD Midlands

Gweru

Cell: +263772853525

**2. DR T MUSHAWARIMA**

Medical Officer

PSMI, Harare

Zimbabwe

Cell: +263772924474

+263712297817

**3. DR E T MARUBA**

Medical Officer

St Theresa Hospital

Chirumhanzu District

Cell: +263772225840

## **CURRICULUM VITAE**

### ***DR NICKSON MUKAPA***

REGINA COELI MISSION HOSPITAL

PO Box 75

Troutbeck

Nyanga

Cell: +263774068064

E-mail:[nicksonmukapa@yahoo.com](mailto:nicksonmukapa@yahoo.com)

### ***Personal Details***

**Date of Birth:** 01 November 1984

**Place of Birth:** Gutu

**Nationality:** Zimbabwe

**National ID number :** 27-172258 M 27

**Sex :** Male

**Marital Status :** Married

**Languages :** English and Shona

### ***Profile***

**Dr N.Mukapa** is a Government Medical Officer(GMO) registered with the Medical and Dental Practitioners Council of Zimbabwe(MDPCZ) and is currently working at Regina Coeli Mission Hospital in Nyanga district, Zimbabwe ;a post I was holding since July 2012.I am the only doctor currently working at this mission hospital and I'm in charge of managing the outpatient department(OPD),General wards,OI clinic,Maternity department,and Voluntary Medical Male Circumcision clinic.I can be described in summary as:

- 1 A dynamic, disciplined, assertive, pro-active, innovative,diligent and self-motivated professional who understands the need for career long self directed learning.
- 2 An industrious,visionary, ability to lead and supervise others, result driven,capable of working without supervision and able to work both individually and as a team.

- 3 An honest, trustworthy and devote christian with ability to practice within the legal and ethical boundaries of his work.

### **Education and Professional Qualifications**

**Bachelor of Medicine and Surgery Degrees (MBChB)-University of Zimbabwe-College of Health Sciences (UZ-CHS ) - August 2004 to March2010**

<b>YEAR</b>	<b>SUBJECT</b>	<b>GRADE</b>
<b>First year</b>	<b>Biochemistry</b>	<b>1</b>
<b>Second year</b>	<b>Anatomy</b>	<b>1</b>
	<b>Physiology</b>	<b>1</b>
	<b>Behavioural Sciences and Community Medicine</b>	<b>2.1</b>
<b>Third year</b>	<b>Pathology</b>	<b>2.1</b>
<b>Fourth year</b>	<b>Clinical Pharmacology</b>	<b>1</b>
	<b>Community Health</b>	<b>1</b>
	<b>Psychiatry</b>	<b>3</b>
<b>Fifth Year</b>	<b>Medicine</b>	<b>2.1</b>
	<b>Surgery</b>	<b>3</b>
	<b>Paediatrics</b>	<b>3</b>
	<b>Obstetrics and Gynaecology</b>	<b>3</b>

### **Post Graduate Courses**

- 1. Certificate in Palliative Care Medicine- Island Hospice Harare Zimbabwe(2010)**
- 2. Certificate on Common Gynaecological and Paediatric Disease Treatment of Traditional Chinese Medicine for Developing Countries- Beijing TCM Hospital , China 2011**
- 3. ALARM international program to reduce maternal and neonatal mortality and morbidity coordinated by society of Obstetrician and Gynaecologists of Canada**

4. Trained in Voluntary Medical Male Circumcision –Ministry of Health and Child Care Zimbabwe

### ***Clinical Experience and Training***

Full time employment :Institution-Harare Central Hospital

<b>DATES</b>	<b>DURATION</b>	<b>SPECIALITY</b>	<b>DESIGNATION</b>
May-October 2010	6 months	Medicine	Junior Resident Medical Officer
November-January 2011	3 months	General Surgery	Junior Resident Medical Officer
February-April 2011	3 months	Ear,nose and Throat	Junior Resident Medical Officer
May-August 2011	4 months	Obstetric and Gynaecology	Senior Resident Medical Officer
November-February 2012	4 months	Anaesthesia	Senior Resident Medical Officer
March- June 2012	4 months	Paediatrics	Senior Resident medical Officer

#### ***July 2012 to date:***

Government medical officer at Regina Coeli Mission hospital in Nyanga district under Ministry of Health and Child Care

#### ***Ordinary and Advanced Level Qualification***

1. Ten Ordinary level passes – Mutambwi Secondary school (1998-2001)
2. Three Advanced level passes –Gutu High school (2002-2003)

#### ***Referees***

1. Dr Z.Mataruse

Consultant ENT Department-Harare hospital

+263772272915; 04-705026

2. Dr S. Nyandudu

Acting Provincial Medical Director-Manicaland Province

+263020-67273

3. Dr A. Jokwiro  
District Medical Officer  
Nyanga district-Mnicaland  
+263772745698