

CURRICULUM VITAE

Dr Bernard Nzioka Mua

BDS, MPH, PgDip (STIs & HIV/AIDS), MBA (Strategic Management)

Dental Surgeon/Public Health Specialist/Strategic Management Specialist

1. BIO- INFORMATION

Name : Bernard Nzioka Mua
Sex : Male
Marital Status : Married with two children
Religion : Protestant
Address : P.O. Box 31- 90131, Tala
Tel: 0733350061 or 0722-278295
[Email – Muaclinic@yahoo.co.uk](mailto:Muaclinic@yahoo.co.uk)
Speciality : Public Health Specialist/ Strategic Management
Nationality : Kenyan

Personal Virtues

I am a mature and responsible adult person. I am committed, dedicated, reliable, Industrious and a hardworking. I am result oriented, capable to work with or without supervision and able to meet set datelines in time. I have good leadership and managerial skills. I am well conversant with result based management.

Additionally, I am well prepared and equipped (emotionally and technically) enough to satisfy you in all aspects related to the work I will be doing for you.

Vision: A Refined Strategic leader in Health sector development and allied sectors.

Mission. To enable individual persons, institutions and organizations improve on their performance by helping them create competent and functional processes and structures for them.

Motto: Embracing Excellence and Stewardship for development

II EDUCATIONAL BACKGROUND

1. **UNIVERSITY EDUCATION**

St. Paul's University – Master in Business Administration (MBA) specializing in Strategic Management and Leadership (January 2010 to December 2011)

Jomo Kenyatta University of Agriculture and Technology (PhD in Public Health). Thesis is on "Continuation rate of Anti-retroviral drugs, Adherence to ARVs and associated factors among patients on ARVs" - **ONGOING**

University of Nairobi (Post-graduate Diploma in the control & Management of Sexually Transmitted Diseases/HIV/AIDS)
2000- 2002

University of Nairobi (Post-Graduate – Master in Public Health (MPH) 1995 - early 1998

University of Nairobi (Under-Graduate-BDS) 1987 - 1991

2. **HIGH SCHOOL**

Kericho High School (Advanced Level) - 1984 - 1985

Tala High School (Ordinary Level) - 1980 - 1983

3. **PRIMARY SCHOOL**

Sengani Primary School - 1973 - 1979

III PROFESSIONAL QUALIFICATIONS

1. Master in Business administration-**MBA (Strategic Management and leadership)**
2. Post graduate Diploma in the control & management of sexually transmitted infections (**PGD- STI**)
3. Master of Public Health (**MPH**)
4. Bachelor of Dental Surgery (**BDS**)
5. Certificates in:-
 - i. SPSS
 - ii. Ms- Excel
 - iii. Ms-Word
 - iv. Power Point
6. Kenya Advanced Certificate of Education (**KACE**)
7. Kenya Certificate of Education (**KCE**)

IV. CERTIFICATE OF PARTICIPATION

- Certificate in Scientific Research proposal and grant proposal writing. April, 2013- University of Nairobi, Main Campus
- Innovative Teaching Methodologies: 3rd - 5th October, 2012 Univer. Of Nairobi
- Medical Education Innovative Teaching and Methodologies August 29th - 1st 2011
- Certificate of Participation- 1st international scientific conference, CHS, Nairobi
- Certificate in cost sharing program Management and Supervision of Public Health facilities - 1999
- Certificate in Prevention of Mother to Child Transmission (PMTCT) of HIV - October 2003
- Certificate Course in fixed orthodontic appliances - Nov - 2003
- Certificate in continuous dental education - Cross Infection Control, Management of Common dental conditions- Dec - 2003.

V. WORKING EXPERIENCE

1. October 2008 to date

Lecturer and Head – Division of Community and Preventive Dentistry at the School of Dental sciences of University of Nairobi

Responsibilities

- Co-ordination of teaching of both undergraduate and postgraduate in community dentistry.
- Making of teaching schedules for both undergraduate and postgraduate
- Identification of suitable field sites for community dentistry students to visit
- Departmental chair on matters related to ISO compliance.
- Chair of customer satisfaction in the School of Dental Sciences

- Conducting research work
- Supervising student in their research and teaching both postgraduate and undergraduate students
- Mentoring the students

2. 1st, January 2007 to 2008

Lecturer, University of Nairobi, College of Health Sciences, School of Dental Sciences

Responsibilities

- Teaching community health related issues to both undergraduates and postgraduate students at the faculty of dental sciences
- Teaching research methods to both postgraduate and undergraduate students in the faculty
- Supervising students as they do their research projects
- Conducting research for the University of Nairobi
- Supervising students as they do their clinical work in the clinics
- Accompanying the students during their community health work in the field
- Mentoring both the postgraduate and postgraduate students

3. 2000 to date – Director, Tabasamu dental Health Services

Responsibilities

- Availing and management of resources of the centre
- Ensuring quality dental health care delivery to customers

4. June 2000 to 31st, December 2006

June 2000- July 2003 Senior Dental officer and Acting Deputy Head of Dental Health Services

Assistant Director of Medical Services(August 2004- Dec 2006) and Deputy Head, Dental Health Services- Ministry of Health

Responsibilities

- Helping in the overseeing good delivery of Oral Health Services in Kenya
- Assists in the supervision of Dental/Oral Health personnel and services in Kenya
- Assisting and advising on the installation of Dental equipment in the Public health institution
- Helping in the formulation of the National Oral Health Policy covering curative and preventive aspects
- Participate in the procurement of Dental equipment and materials
- Organizing seminars and workshops for continuing Education
- Liaising with NGO's to articulate matters pertaining to oral health in Kenya
- Making proposals and guideline formulation for Dental manpower training and staff development
- Assisting in ensuring proper recruitment and distribution of Dental health manpower in the public sector
- Participating in making annual budgets for dental health

5. June 2001 to 31, December 2005

Honorary Lecturer, at the University of Nairobi - Faculty of Dental Sciences.

Responsibilities

- Teaching Dental Public Health to both Post-graduate and Under-graduate students.
- Supervision of Under-graduate for their Clinical work.

6. September 1998 to April 2000

Dental Officer 1, and the District Medical Officer of Health (DMOH) / Government District Health Manager, Meru North District.

Responsibilities include:

- Implementation of government health policies in Meru North District
- Coordination and ensuring utilization of human, material and financial resources in the management of health care delivery in the district.
- Identification of health needs of the community in the district and on the basis of such needs formulation of objectives and set priorities in conformity with Ministry of Health Policies with Emphasis.
- Carrying out of epidemiological surveys of disease and conditions prevalent in the district.
- Formulation and implementation of viable methods, including health education programmes, for the control and (or eradication) of community health problems.
- Provision on regular basis comprehensive reports on all health and health related activities on the basis of adequately complied vital and health statistics.
- Formulation and participation in the implementation of community based health programmes and provide managerial and technical support to all community - health activities.
- Designing strategies for identification of the **"at Risk"** groups of the community with a view to meet the special needs of these groups and establish in consultation with the Community Surveillance system for priority health problems.

- Chairman - District Health Management team (DHMT).
- Secretary - District Health Management Board (DHMB).
- Co-coordinator - During the 1999 National Immunization Days campaign for polio eradication.
- Member - District Development Committee.
- Member - District Executive committee.
- Chairman- Hospital Executive Expenditure Committee.

7. August 3rd - August 7th 1998 and August 24th - 28th 1999

External Examiner for final year Clinical Medicine Student (KMTC) in Community Health at Machakos District Hospital.

8. January 1999 to December 2002

Part time Lecturer and **External Examiner(2002)** in Applied epidemiology, Demography and research methodology to Diploma students in Community Health at AMREF international training school.

9. October 1996 to May 1998

Got involved and actively participated in evaluation work of Community Health Workers specifically Community Based Distributors (CBDs) of Contraceptives in a GTZ/Family Planning project in the district of Vihiga, Homabay, Rachuonyo and Nyamira. At the end of the exercise I wrote my MPH thesis about **Evaluation of CBDs performance in Distributing contraceptive Pills Among their Clients.**

10. January 1993 - August 1995.

Dental Officer 1 and Head, Dental Department at Kathiani Sub-District Hospital.

Responsibilities

- Provision of clinical Dental services to patients
- Management of personnel, material/consumables and financial matters in the department
- Representing the department at the Hospital Health Management meetings

11. Dental officer 2 at KNH-September 1991 to December 1992

- Internship in all disciplines of dental HEALTH at Kenyatta National Hospital.
- Caring for both inpatients and outpatients.

12. February 1986 - June 1987

- Trained as Serviceman at the National Youth Service (NYS) at Gilgil.

VI OTHER ASSIGNMENTS WITH USEFUL EXPERIENECE

SEPTEMBER 2004 TODATE - BOARD MEMBER OF THE FOLLOWING SCHOOLS

- Tala High School - 2004 up to 2008
- Sengani High School - 2004 to date
- Tala Girls High School - 2004 to date

VII. OTHER RELEVANT COMPETENCES

1. Health Needs Assessment
2. Problem identification and solving
3. Monitoring and Evaluation of Projects
4. Good skills many aspects in Research methods such as
 - Proposal writing
 - Data collection and analysis
 - Report writing
5. Conflict resolution in places of work
6. Knowledge in problem based learning and curriculum development.
7. Development of competent Strategic plans and practical implementation strategies
8. Skills in e learning

VIII. Professional Recognition

Registered Dental Surgeon of Kenya medical Practitioners' and Dentists Board

Public Health Specialist by the Kenya Medical Practitioners and dentists Board(Awaiting confirmation)

IX. Seminars/Workshops/Conferences Attended

January, 24th – 25th 2013 – Conference on Research in Health Profession's Education, CHAK Training centre, Nairobi, Kenya.

December 17th - 18th 2012 – Seminar on Phase down amalgam at Kenya Institute of Education, Nairobi, Kenya

December 3rd – 7th 2012 – Leadership and Management Curriculum development workshop for the College of Health Sciences(UoN) Undergraduate Students, Crown Hotel, Nairobi, Kenya

3rd – 5th October 2012 – training on innovative Teaching methodologies and Mentorship, College of Health Sciences, University of Nairobi

June 2012 - Second International Scientific Conference, College of Health Sciences, University of Nairobi, Nairobi, Kenya.

24th – 27th oct. 2011 – Medical education workshop, Chiromo, University of Nairobi

21st – 23rd, October 2011 – Leadership and management programme curriculum development and integration for postgraduate students (MSH) at Nyeri Hotel

August 29th – September 1st 2011- Medical Education innovative Teaching methodologies workshop, CHS,Nairobi - Kenya

July 26- 30, 2011- Naivasha, Development of e- learning Material for Community and preventive dentistry for the Bachelor of Dental surgery Students

15th – 17th June 2011 – First International Scientific Conference, College of Health Sciences, University of Nairobi, Nairobi, Kenya.

June 2nd – 6th, 2011, Review of Strategic plan for Centre for Open and Distance learning of the University of Nairobi,Mbagathi/ MultiMedia university

2nd – 6th, may 2011,

April, 2011 at the Mbagathi training institute- Development of e-learning material in Community Dentistry for the Bachelor of Dental surgery students of the University of Nairobi

22nd - 25th , September, 2009 – 2nd African and Middle East Conference, WhiteSands Hotel, Mombasa

October 2006 Government Training Institute – Embu

Sensitizing health workers on KEPH (Kenya Essential Package for Health)

July, 2002, oral Health policy Workshop at Mbagathi Training Institute(Rongai, Kenya)

18th-19th /1/99 at Izaak Walton Hotel - Embu

The year 2000 computer problem and its possible effects in the delivery of health services- Contingency measures to take.

26th - 29th /4/99 at Izaak Walton Hotel- Embu

Cost sharing program management and supervision of public Health facilities including expenditure control, Accounting, planning, management and quality of care to patients.

24th - 25th /5/99 at Minni Inn, Embu

National Health Sector Strategic plan (1999- 2004) Draft Review

20th - 23rd /6/99 at Izaak Walton Hotel

Training on organization and coordination of the National immunization days.

1st - 3rd /3/99 at the Maua Basin Hotel

District Health workers HIV/AIDS awareness update. The following was covered;

- Counseling of the HIV/AIDS Patients.
- National and global picture of HIV/AIDS
- The role of leaders and HIV/AIDS control
- Home Based care of the HIV/AIDS patients
- Syndromic management of AIDS patients

26th /may/ 2001 at Amref Training Centre

Development of a curriculum on Health Research and Development course for Amref International training program.

5th - 6th /June/2001 at Amref Training Centre

Review of a Curriculum for the training of the Diploma Students in Community Health.

14th - 16th /August/ 2001 at KCCT- Mbagathi

Development and formulation of a national oral health policy workshop.

X. POST GRADUATE Research Supervision

a) Completed theses

Student

Dr Bernard Edalia K

Title of Thesis

Etiology, occurrence and clinical characteristics of maxillofacial soft tissue injuries at KNH, Nairobi. Master in Dental Surgery (MDS), in Oral and Maxillofacial Surgery

b) Ongoing postgraduate thesis

1. Student

Dr Silas Kinyua

Title of the Thesis

Periodontal Health Status and Glycaecated Haemoglobin levels among Diabetic Patients at Kenyatta National Hospital, Master of Dental Surgery(MDS) in Peridontology

2. Student

Dr. Kinoti Mugambi

Title of the Thesis

Tooth wear among the students of the University of Nairobi. Master of dental Surgery(MDS) in Conservative Dentistry and Prosthodontics.

3. Student

Dr. Hudson Alumera

Title of the thesis

Clinico – diagnostic features of Disquamative gingivitis among Auto-immune Bullous Patients in Dermatology Clinic, Kenyatta National Hospital, Nairobi, Kenya. Master of Dental Surgery Degree in Periodontology.

XI. Undergraduate Project Supervision

In this category I have supervised close to 50 Bachelor of Dental Surgery Students during their research. A good number of them have been published in peer reviewed journals. Some of these are hereby enlisted.

1. Student – Nuru Mohammed Twahir

Title - Pattern of Impaction of Third Molars among patients who attended University of Nairobi Oral Diagnostic Clinic between 2010 and 2012.

2. Student – Kipturu Kiptalam

Title – Knowledge and Attitude of Bachelor of Dental surgery Students about Medical emergencies at the University of Nairobi Dental Hospital.

3. Student – Njuguna John Ngoru

Title – Temporo- Mandibular Joint Disorders among Patients with Arthritis receiving treatment at Kenyatta National hospital

4. Student – Njanjo Winnie Wanjiru

Title - Risk factors of Alveolar Ostitis among patients who visited University of Nairobi dental Hospital between 2008 and 2012

5. Student – Makhoka Rollins Omoruoni

Title - Gingival Recession and Oral Hygiene status among Patients at the Periodontology Clinic of the University Dental Hospital

6. Student – Ogada Gamariel Morris

Title – Knowledge, Attitude and Practice towards mouthwashes among Nursing students at the University of Nairobi.

7. Student – Omar Yusra Mohammed

Title- Oral Health Awareness and Oral Hygiene among Children aged 6-7 years in 3 urban Schools in Mombasa

8. Student – Mbugua Florence Ngendo

- Title** – Knowledge and Detection Practices of Oral Cancer by final year medical, Dental and Nursing Students of the University of Nairobi.
9. **Student** –Nurein Ahmed Mohammed
Title - Two year Audit of maxillofacial soft tissue injuries among Patients who attended University Dental Hospital in 2010 and 2011

 10. **Student** – Adamjee Rauzhat Zakir
Title – Knowledge, Attitude and utilization of electronic apex locators among Dentist in Nairobi

 11. **Student** – Jotangia A.A.
Title- Pre operative and Post operative oral hygiene among Patients undergoing minor Oral Surgery at the University of Nairobi dental Hospital

 12. **Student**- Kibera Ndirangu K
Title - Tooth losses and replacement sites among patients visiting prosthetics clinic at the University of Nairobi Dental School- January – November, 2010

 13. **Student** – Kidula FL.
Title - Knowledge, Attitude and use of resin cements among dentists in Nairobi

 14. **Student** – Masinde PB Chuli
Title - Pattern of Occurrence of Malocclusion among Children at the University of Nairobi dental – Two year audit

 15. **Student** – Monene EA
Title- Oral Health Status of Patients with malocclusion attending orthodontic clinic at the University of Nairobi dental Hospital

 16. **Student** - Nabea VA
Title – Incidence of Iatrogenic Pulp exposure at the University of Nairobi Dental Hospital conservation clinic between January 2011 and September 2011

 17. **Student** - Ndonga LM
Title - selection of Posterior Restoratives by Dentists in Nairobi, Kenya

 18. **Student** - Njue M.M

- Title** – Knowledge and Attitude and use of Sugar free gum among Dental and Medical Students at the University of Nairobi.
19. **Student** - Omuok J A
Title – Toothbrush type perception and preference by Medical and Dental Students of the University of Nairobi
20. **Student** - Prashana P.
Title – Knowledge, Attitude and Practice of Dental Implants among Dentists in selected clinics in Nairobi
21. **Student** - Thuku G W
Title – Knowledge, Attitude and Practice among Primary caregivers on Oral health Care of Children attending the Paediatric Dental Clinic at UoN
22. **Student** – Kaaria Mwirgi Mburu
Title – Periodontal treatment Needs of Psychiatric inpatients at the Mathari Mental Hospital
23. **OTHERS** – More than twenty

XII. PUBLICATIONS (Peer Reviewed)

1. Kaaria M, Wagaiyu EG and **Mua BN**. Periodontal treatment needs of psychiatric inpatients in Mathari Mental Hospital. Journal of the Kenya Dental Association. 2010; 1: 103-107.
2. **Mua B.N**, Nyaga J.K., Wagaiyu E.G The relationship between tooth brushing frequency and personal hygiene habits among teenagers. East African Medical Journal. 1993; 70: 445 – 448.
3. An Assessment of Pill Continuation rate among Community CBD clients in a Family Planning Project - Kenya: **MPH thesis 1998, University of Nairobi**.
4. Knowledge and practices of the Employees of the School Dental Sciences- University of Nairobi, in the Implementation of Strategic plans(**MBA thesis, 2011, St Paul's University**)

XIII. Text Book Chapters Contributions

1. **Mua BN**, Wagaiyu EG, Wafula P, Momanyi P.2010. 'Infection Prevention and Control in Dentistry'. In. *Ministry of Public Health and Sanitation and Ministry of Medical Services, Republic of Kenya.2010. National Infection Prevention and Control Guidelines for Health care Services*. Nbi. 141-149
2. Otieno S, Rombo C, Okuku F, Ogaja Elizabeth **Mua BN**,et al, 2010.'Policy Principles. In. *Ministry of Public Health and Sanitation and Ministry of Medical Services, Republic of Kenya, 2010. National infection Prevention and Control Policy for Health care Services in Kenya*

XIV. Teaching manuals for e- Learning(Peer reviewed)

1. Gathece LW, **Mua BN**, Mutave RJ, MacigoFG. Behavioral Sciences E- Learning Module(15 Chapters)
2. **Mua BN**, Gathece LW, Mutave RJ, Macigo FG. Health education e- Learning Material(11 Chapters)
3. Mutave RJ, **Mua BN**, Gathece LW, Macigo FG. Primary Health Care E- Learning Material (8 Chapters)

XV. Papers Presented in Scientific Conferences

1. Tafa C, **Mua BN**, Gathece LN, Dimba E. Dental caries Experience among HIV positive 6-12 years olds attending comprehensive care, Centre, Kenyatta national Hospital, Nairobi, Kenya. 26th KDA Annual Scientific Conference and 22nd International Association of Dental Researchers (IADR). East and Southern African Division, Intercontinental Hotel, Nairobi, Kenya; October, 17th – 18th 2008
2. Gathece LW, Mutave RJ, Matu MK, **Mua BN**. Willingness of dentists to treat Persons living with HIV/AIDS in Kenya. The 29th Kenya dental association scientific conference, PanAfric Hotel Nairobi, Kenya. October 13th – 15th 2011

XVI. PAPERS SUBMITTED for PUBLICATION

1. Edalia KB, Akama MK, Chindia ML, **Mua BN**. Aetiology, Occurrence and clinical Characteristics of Maxillofacial soft tissue injuries treated at a major teaching and Referral Hospital in Nairobi. Submitted to East Africa Medical journal.

2. **Mua BN**, Minja D. Knowledge and Practices of employees of a University School in Kenya in the implementation of Strategic plans.
3. Gathece LW, Mutave RJ, Matu MK, **Mua BN**. Willingness of Dentists to treat Persons living with HIV/AIDS in Kenya. Submitted to the Journal of The Kenya Dental Association

Papers finished but not yet published or peer reviewed

Mua BN, Muchoki B, Akuru C , Mpathia J. Customer Satisfaction Survey at the School of Dental Sciences, University of Nairobi, 2012

Ongoing research work.

1. **Mua BN** and Kassim BA. Attitude and usage of Rubber dam by Dentists as an isolation method in the practice of Conservative dentistry
2. **Mua BN**, Mutave RJ. Strategic response to emerging innovative methods{e learning} of teaching in medical training institutions in Kenya
3. **Mua BN** and Kibugi E. Oral health status among children in a Children's' Home in Nairobi
4. Kenya National Oral Health Survey (Coordinated by the Ministry of Medical Services and a Member)

XVII. SPECIAL RESPONSIBILITIES

College of Health Sciences

July 1, 2012 to June 2013,

Member, Internal Customer Satisfaction Committee

School of Dental Sciences

August, 2012 - 2015

Member and School Representative, Kenya Bureau of Standards – Dentistry and Oral Hygiene Committee

2012 to date

Chairman, School Customer Satisfaction Committee

2009 to date

Chairman, Departmental Customer satisfaction and departmental **Representative** to School ISO committee

At Diverse dates

Acted as **Chairman,** Department of Periodontology, Community and Preventive Dentistry

XVIII. ACADEMIC ASSIGNMENTS

1998 to 2001	External examiner to final Diploma clinical Medicine students in Community Health at KMTC
2002	Member , in the development of the curriculum for Diploma Course in Community Health and Research at AMREF International Training School
Dec ,2002	External Examiner for Diploma Students in Community Health and Research at the Amref Training School
2009/10	Member and later Chairman in Development of the DSA curriculum

XIX. PARTICIPATION IN NATIONAL ASSIGNMENTS

July, 2002	Member , In committee formulating Kenya 1 st National Oral Health policy and Strategic plan
2005 to date	Member , Kenya national oral Health Survey Proposal development Secretariat
2012 to date	Member , Technical Committee on oral Health Products, Kenya Bureau of Standards

XX. CONSULTANCIES

March 2012 to Aug 2012	Development of 5yr Strategic plan and implementation Strategy for Sengani Girls High School
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April 2012 to Sept. 2012

Development of 5 yr Strategic plan and implementation Strategy for Tala Girls High School

XXI. HOBIES

1. Planting of trees(Domestic and Forest creation)
2. Listening to Gospel Music
3. Following the politics of Kenya, Africa, America and the Middle East
4. Following the Global Economic trends and especially the Emergence and the role of China in shaping the world economy

XXII. REFEREES

1. Prof. Evelyn G. Wagaiyu,
School of Dental Sciences
University of Nairobi
P.O Box 19676,
Nairobi.
Tel: 0722672567

2. Dr. Stephen Irungu,
Head, dental Health Services,
Ministry of Medical Services,
P.O Box 30016 – 00100'
Tel 0722637655

3. Dr. T J Ocholla
P. O Box 19676,
Nairobi.
Tel: 0722763433

4. Dr. John A Aswan
Kenya medical Training College, Nairobi Campus,
Department of clinical medicine,
P.O Box 30195 – 00100 Nairobi.
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