



## **CURRICULUM VITAE**

**DR. SIMIYU BENJAMIN NYONGESA**

**(BDS, Cert. in Implantology, MScD-Endodontics (Philippines))**

**PERMANENT ADDRESS:** UNIVERSITY OF NAIROBI, SCHOOL OF DENTAL SCIENCES, P.O BOX 19676-00202, NAIROBI, KENYA.

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**DATE OF BIRTH:** 24<sup>TH</sup> Oct. 1986

**PLACE OF BIRTH:** Bungoma, Kenya

**GENDER:** Male

**NATIONALITY:** Kenyan

**RELIGION:** Christian

**MARITAL STATUS:** Married

**LANGUAGE SPOKEN:** English

**OTHER LANGUAGES:** Kiswahili and Luhya languages

### **SUMMARY OF PROFILE**

I am a committed, reliable, trustworthy, hardworking, focused and dedicated person who is result oriented. I work independently with or without supervision. I possess good teaching, clinical, research, managerial, conceptual and interpersonal skills. I am also a gifted mentor, motivator and role model.

### **EDUCATIONAL BACKGROUND**

- 2019** Master of Science in Dentistry, **major in Endodontics (MScD-Endodontics).**
- 2019** Certificate in Dental **Implantology**
- 2016- 2019** The University of the East, Manila, Philippines (MScD-Endodontics).
- 2010** Bachelor of Dental Surgery (**BDS**).
- 2006-2010** University of Nairobi, School of Dental Sciences (BDS).
- 2004** Kenya Certificate of Secondary Education (**KCSE**); **A (Plain)**.
- 2001-2004** High School- Teremi High School.

**2000** Kenya Certificate of Primary Education (KCPE); **B-(Minus)**.

**1991-2000** Primary School- Muanda Primary School.

## **WORKING AND TEACHING EXPERIENCE**

**Nov. 2014-Present:** **Tutorial fellow**, Department of Conservative Dentistry, School of Dental Sciences, University of Nairobi.

**Roles and responsibilities:** Provide formal training to the undergraduate students. Carry out and implement research projects in collaboration with dental specialists.

**October 2014:** Director and Founder of Royal Smiles Dental Clinic Ltd.

**April 2012-Oct 2014:** **Dental Officer**, Embu Provincial General Hospital, Embu County.

**Roles and responsibilities:** Providing quality oral health care services. Ensuring efficient and effective management of resources. Carry out and implement research projects in collaboration with dental specialists. Provide formal and informal training to other health personnel.

**April 2011-April 2012:** **Dental officer (intern)** at Kenyatta National Hospital, Nairobi.

**Roles and responsibilities:** Providing quality oral health care services. Ensuring efficient and effective management of resources. Carry out and implement research projects in collaboration with dental specialists. Provide formal and informal training to other health personnel.

## **JOURNAL EDITORSHIPS**

Simiyu BN. Reviewer (Since 2012). *Journal of Medical and Health Sciences Research*.

## **SCIENTIFIC RESEARCH PUBLICATIONS**

1. Naswa Makhanu BDS, **Benjamin S. Nyongesa BDS**, Katrina G. De Luna DMD MScD, Phides P. Alcorta DDM PhD. Management of a Combined Endodontic-Periodontal Lesion: A Case Report. *Endodontic Society of the Philippines journal* Vol. 12 (1) **(2019)**11-16.
2. **Benjamin Simiyu Nyongesa**, Katrina G. De Luna, Grace Ellen S. Dey and Iluminada L. Viloria. Management of a severely curved canal with Proglider and WaveOne gold compounded with a separated instrument. *Oral Rehabilitation and Dentistry* **(2019)** Volume 1(1): 2-10. doi: 10.31487/j.ORD.2018.01.003.
3. Prasai S, **Benjamin Simiyu Nyongesa**, Sicut JY, Tung K, Weboko FI, De Luna KG, Dey GES, Iluminada LV. Management of Mandibular Lateral Incisors with Vertucci Type II Canal Configuration. *Endodontic Society of the Philippines journal* Vol. 11(1) **(2018)** 19-23.
4. Sammy KC, **Benjamin SN**. Infection Control Mechanisms Employed by Dental Laboratories to Prevent Infection of their Dental Technicians/Technologists. *J Oral Health Craniofac Sci.* **2016**; 1: 001-0011.
5. Shah, S.T., Loice W. Gathece, **Simiyu N. Benjamin**, Tonnie K Mulli. Effect of Homemade Dental Powder on Population of Streptococcus Mutans In vitro. **(2016)** *J Dent Oral Care* 2(4): 1- 7. DOI:10.15436/2379-1705.16.1146
6. **Benjamin SN**, Gathece LW, Wagaiyu EG **(2016)** Knowledge, Attitude and Use of Mouthwash among Dental and Medical Students of the University of Nairobi. *Int J Dent Oral Health* 2(4): doi <http://dx.doi.org/10.16966/2378-7090.198>.
7. **Simiyu N. Benjamin**, Butt Fawzia, Dimba A. Elizabeth, Wagaiyu G. Evelyn, Awange O.

David, Guthua W. Symon, Slootweg J. Pieter. Keratocystic Odontogenic Tumours of the Jaws and Associated Pathologies: a 10-year clinicopathologic audit in a Referral Teaching Hospital in Kenya. *Journal of Cranio-Maxillo-Facial Surgery* 41 (2013) 230-234. PMID: 23063775 DOI: <https://doi.org/10.1016/j.jcms.2012.09.006>

## RESEARCH PAPERS PRESENTED IN SCIENTIFIC CONFERENCES/CONTESTS

**2019:** Endodontic Society of the Philippines. **Simiyu B. Nyongesa**. From Cheers to Tears and Back: A tale of Iatrogenic Instrument Separation Events and their Management.

**2018:** University Endodontic Case Contest Asia 2018, Philippines. **Simiyu B. Nyongesa**. Management of severely curved canals with Proglider and WaveOne gold compounded with a separated instrument. *Won the 1<sup>st</sup> runners up position.*

**2010:** International Association of Dental Research (IADR), White Sands Hotel, Dar salaam, Tanzania. **B.Simiyu**, E.Wagaiyu, E.Dimba, D. Awange. Keratocystic Odontogenic Tumor: A Retrospective Study of 61 Cases. *Abstract ID number 142192*

## RESEARCH PROPOSALS UNDER PREPARATION

1. A CBCT study on the root canal morphology of mandibular first premolars and the location of root canal orifices and apical foramina in a Filipino subpopulation.
2. Post-endodontic treatment disease among patients seeking treatment at a referral teaching hospital in Kenya.
3. Sources of occupational stress among Kenyan Dentists.
4. Knowledge and attitude towards restorative dentistry procedures among patients attending University of Nairobi Dental School Hospital.
5. Assessment of Dental Interns and postgraduate dental student's knowledge on equipment ergonomics at two referral Hospitals in Kenya.
6. Dental Caries Experience among adult patient with and without type II diabetes mellitus attending Kenyatta National Hospital.
7. Patterns of tooth-ware among patients visiting University of Nairobi Dental Hospital.

## RESEARCH INTERESTS

- Digital technology in endodontic practice
- Regenerative endodontics and vital pulp therapy.
- Endodontic therapy outcome and epidemiology.
- Root canal bonding materials.
- Endodontic materials and applications.
- Root canal morphology, instruments and materials science.

## MEMBERSHIP AND ASSOCIATIONS:

1. Member of the International association of Dental Research (IADR).
2. Member of the Kenya Medical Association (KMA).
3. Member of the Kenya Dental Association (KDA)
4. Member of the Universities Academic Staff Union (UASU)

## ALUMNI ASSOCIATIONS (MEMBER)

1. University of Nairobi, Nairobi, Kenya.
2. University of Nairobi, School of Dental Sciences, Nairobi, Kenya.

## AWARDS

**January 2019:** University of the East Presidential Certificate of Recognition for exemplary performance in inter-school competitions, Manila Philippines

**November 2010:** International Association of Dental Research (IADR) for an outstanding scientific paper presentation: **Keratocystic Odontogenic Tumour: a 10-year retrospective study in a Kenyan population.**

## FELLOWSHIPS

Recipient of the following prestigious fellowship:

**November 2010:** David B. Scott Fellowship from the International association of Dental Research, for having written and presented the best scientific research proposal in East and Central Africa.

Grant URL: <http://www.iadr.org/IADR/Awards/Student-Fellowships/David-B-Scott/Recipients>

## WORKSHOPS AND CONFERENCES ATTENDED

### 2019

**May 23, 2019:** **Main Speaker:** How to prevent Instrument breakage by Creating a Mechanical Reproduceable Glide Path Using a New Rotary Endodontic File. Kenya Dental Association(KDA) CPD convention held at Four Points By Sheraton, Hurligham, Nairobi, Kenya.

### 2018

**October 4-7 2018:** The 11th IFEA World Endodontic Congress 2018. Seoul, South Korea.

### 2017

**July 9<sup>th</sup> 2017:** Dental Operating Microscope training at the ESP Annual Convention: The key differences in comparison to loupes and the Naked Eye. Manila Philippines

**July 8<sup>th</sup>-9<sup>th</sup> 2017:** 34<sup>th</sup> Endodontic Society of the Philippines (ESP) Annual Convention: Comprehensive approach in the practice of endodontics. Manila Philippines

**Jan 26<sup>th</sup> 2017:** CBCT Training on 'Learn the Diagnostic Applications of a Cone Beam Computed Tomography in Dentistry. Manila Philippines

### 2016

**Jan-April 2016:** Centonomy course (Personal financial freedom and wealth creation) held in Nairobi, Kenya.

## **2015**

**20<sup>th</sup> -24<sup>th</sup> July 2015:** Critical Appraisal of research proposals training workshop held at Silver Springs Hotel, Nairobi Kenya.

**13<sup>th</sup> - 16<sup>th</sup> July 2015:** Pain Free Management training held at the School of Dental Sciences, University of Nairobi.

**8<sup>th</sup> -10<sup>th</sup> July 2015:** Tobacco Cessation Workshop held at the School of Dental Sciences, University of Nairobi.

**2<sup>nd</sup> Feb-6 February 2015:**

Grant proposal writing workshop 2015, held at the University of Nairobi, Chiromo Campus.

## **2014**

**30<sup>th</sup> Oct-1<sup>st</sup> November 2014:**

32nd Annual Kenya Dental Association(KDA) Scientific Conference 2014 held at the Sarova Panafric Hotel, Nairobi, Kenya.

**31<sup>st</sup> October 2014:** Workshop on Canal preparation with MTwo Files. Held at the Sarova Panafric Hotel, Nairobi, Kenya.

**23<sup>rd</sup> August 2014:** Hands-on Training on "Direct and indirect composite Veneers: A Simplified chair-side technique at University of Nairobi, School of Dental Sciences.

## **2010**

**November 2010:** The annual International Association of Dental Research (IADR) 2010 conference at White Sands Hotel, Dar salaam, Tanzania.

## **INTERESTS**

Reading diverse literature, travelling, teaching, charity work, sports (football). Listening to gospel music, bible study and discussions.

## ACADEMIC REFEREES

### **Prof. Loice Warware Gathece,**


Professor and Public Health Specialist,  
School of Dental Sciences, University of Nairobi,  
P.O BOX 19676-00202 Nairobi, Kenya.  
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### **Dr. Iluminada L. Vilorina,**

Head of Dentistry Graduate program,  
College of Dentistry, University of East,  
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### **Dr. Dienya Tom,**

Head of CONS/PROS Department,  
School of Dental Sciences, University of Nairobi,  
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Signed  February 27, 2020.