

# CURRICULUM VITAE

**DR MARTIN WARUI KAMAU**

BDS (UoN), MDS-OMFS (UoN), F-AOCMF (Austria)

Department of Human Anatomy,  
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Kenya

**Personal information:**

Nationality: Kenyan  
Status: Married  
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**Profile:**

- ✓ A self motivated and dedicated health care professional with 10 years' experience in the fields of Dental Surgery and Oral-Maxillofacial Surgery adept in several areas of cranio-facial management. Key areas of interest:
  - ❖ Cranio-Facial Surgery and Reconstructive techniques
  - ❖ Cleft lip and palate deformities
- ✓ Committed to provision of quality education in the field of Human Anatomy to medical and dental students, and in particular, enhancing the growth of the thematic section of craniofacial and oral biology.
- ✓ Research oriented through publication of articles in refereed journals and participation in ongoing research
- ✓ Dedication to the improvement of targeted health care services in resource poor settings in Africa through training of resident surgeons as well as participation in charitable missions

## Professional development:

### **Current appointment - March 2015 to Present**

- ✓ **Lecturer**, Department of Human Anatomy, School of Medicine, University of Nairobi.

### **September – October 2017**

- ✓ **AOCMF Fellowship** – Undertook a fellowship at the **Universitat klinikum for Mund- Keifer- und GesichtChirurgie in Innsbruck, Austria** under the guidance of Professor Wolfgang Puelacher.

### **May – July 2015**

- ✓ Rotating Fellow:
  - ❖ **Guwahati Comprehensive Cleft Care Center**, Assam, India. One of the largest cleft care centers in the world providing comprehensive facial cleft treatment to over 3000 patients yearly.
  - ❖ **Maaya Foundation for Craniofacial Surgery** under the tutelage of Professor Krishna Shama Rao (Pioneer of Craniofacial Surgery in India and 1 of only 12 Surgeons worldwide to receive the Hugo Obwegesser Craniofacial Surgery Medal of Honour Award), in Bangalore, India

### **November2012-February 2015**

- ✓ Unit Head of the Maxillofacial Unit and Consultant Oral and Maxillofacial Surgeon at Meru Level 5 Hospital (Meru Referral and Teaching Hospital), Kenya.
- ✓ Coordinator and team leader in the **Head and Neck multidisciplinary team**, Meru level 5 Hospital.

### **October 2012**

- ✓ *Specialist recognition*: Licensed as Consultant Oral and Maxillofacial Surgeon by the Kenya Medical and Dental Practitioners board.

### **October 2010-September 2012**

- ✓ Oral and Maxillofacial Surgeon in the Surgical Department, Meru level 5 Hospital (under peer review as per Kenya Medical Practitioners and Dentists Board regulations)

### **September 2006-September 2010**

- ✓ Resident in Oral and Maxillofacial Surgery, University of Nairobi.

### **January 2004-August 2006**

- ✓ Practicing Dental Surgeon at Muranga District Hospital, Kenya.

### **November 2003**

- ✓ Registered as Dental Surgeon by the Kenya Medical and Dental Practitioners board.

## October 2002-October 2003

- ✓ Dental Officer Intern at Kenyatta National Hospital and Rift Valley Provincial Hospital

## Volunteer activities:

### Educational

#### January 2014 – July 2014

- ✓ Volunteer Lecturer in Oral Biology, Department of Human Anatomy, University of Nairobi

### Health Outreach programmes

#### 2011 to present

- ✓ **Chief Cleft Surgeon for Bela Risu Foundation**
  - ❖ Lead Surgeon for Bela Risu Foundation which targets the establishment of programs in partnership with the local governments aimed at the management of patients with craniofacial deformities from low resource settings.  
Programs initiated include:
    - **Somalia**
      - Mogadishu** – Partnership with Kalkaal Specialty Hospital.
      - Hargeisa (Somaliland)** – Partnership with Edna Adan Hospital.
      - Garowe** – Partnership with the government of Puntland and Garowe Regional Hospital.
- ✓ **Accredited Surgeon and Trainer for Smile Train International.**
  - ❖ Lead Trainer and Surgeon focused on establishment of accredited programs in Sub-Saharan Africa empowering Indigenous Medical Organisations and Hospitals to provide world class Craniofacial cleft care services to the less fortunate.  
**Projects initiated include:**
    - **Democratic Republic of Congo.**
      - Baptist Church of Central Africa-Smile Train* cleft surgery training and evaluation programs conducted at:
        - Virunga Hospital, Goma.
        - Bethesda Hospital, Goma.
        - Katwa Hospital, Butembo
      - Biamba Marie Mutombo Hospital-Smile train* cleft surgery training and evaluation program conducted in Kinshasa

- **Zimbabwe**
    - *Harare Central Hospital-Smile Train* Surgical Cleft Training Program conducted in Harare, **Zimbabwe**.
  - **Tanzania**
    - *St Joseph's Mission Hospital* Cleft program initiated in Mbweni, Tanzania
- ✓ **Volunteer Accredited Surgeon and Trainer with “Help a Child Face Tomorrow” programme.**
- ❖ Participation in training and empowering associate surgeons in the management of cleft lip and palate patients in low resource countries in Africa and Asia
    - ✓ Specific programmes - **Rwanda Smiles**: A private/public partnership that aims to empower interested Rwandese Surgeons develop the requisite skills to treat cleft lip and palate patients.
    - ✓ Other programmes in Cameroon conducted at Hopital de Bethseda in Yaounde and Hopital de Garoua in **Northern Cameroon**.
    - ✓ Asmat Ali Khan – HCFT programme in **Bangladesh**
- ✓ **Volunteer Accredited Surgeon for the Operation Smile International programme.**
- ❖ Active participation in the surgical management of patients with Cleft lip and Palate in **Kenya, Rwanda and Madagascar**

**Private practice:**

- ✓ *Part time private practice as a Consultant Oral and Maxillofacial Surgeon* with admitting rights at the Major Hospitals as well as adjunct (minor) hospitals located within Nairobi and its environs.

**Educational background:**

**2017 November**

- ✓ Enrolled in a research based PhD programme at the University of Nairobi.  
Research area: **Histopathological and molecular study of Temporomandibular joint ankylosis in an animal model.**

**2006-2010**

- ✓ **University of Nairobi, School of Dental Sciences.**
  - ❖ Masters Degree in Oral and Maxillofacial Surgery.

**1998-2002**

- ✓ **University of Nairobi, School of Dental Sciences.**
  - ❖ Bachelors Degree in Dental surgery. Graduated as the top overall student.

**1993-1996**

- ✓ **Upper Hill Secondary School.**
  - ❖ Kenya Certificate of Secondary Education.

**1984-1992**

- ✓ **Lavington Primary School.**
  - ❖ Kenya Certificate of Primary Education

### Honors and awards:

#### University Scholarships

- Ministry of Health Scholarship for Master's Degree training.
- Gandhi Smarak Scholarship for Master's Degree training.

#### University Awards

- Undergraduate training
  - ✓ *Gandhi Smarak Nidhi Trustee Fund prize* for best final year student in Faculty of Dental Sciences in 2001/2002.
  - ✓ *Colgate Palmolive prize* for best student in the Bachelor of Dental Surgery Degree course in 2001/2002.
  - ✓ *Elida Ponds prize* for best student in the department of paediatric and orthodontic dentistry, in 2001/2002
  - ✓ *Elida Ponds prize* for best student in the Department of Oral and Maxillofacial Surgery, in 2001/2002
  - ✓ *Elida Ponds Prize* for best student in the Department of Conservative and Prosthetic Dentistry, in 2001/2002.
  - ✓ *Elida Ponds Prize* for best student in the Department of Periodontology/Community Dentistry in 2001/2002.

### Research and Presentations:

- **Publications**

- ✓ **Kamau MW, Chindia ML, Dimba EA, Awange D, Gathece L.** Clinico-histopathologic types of maxillofacial malignancies with emphasis on sarcomas. A 10-year review. East Afr Med J; 88 (2) 2011.

- ✓ **Kamau MW**, Mingaine M, Guthua SW, Macigo F. Orbito-Maxillofacial cutaneous anthrax as seen at a peripheral referral hospital in Kenya. A series of five cases. *Annals of African Surgery Journal*. 12 (2) 2015.
  - ✓ Guthua SW, **Kamau MW**, Macigo FG. Severe Cranio-Maxillofacial injuries caused by wild animals in Kenya. *African Journal of Oral Health Sciences*; 2 (3) 2015.
  - ✓ Guthua SW, **Kamau MW**. Debilitating lymphangiomatous Macroglossia. A case report. *Journal of the Kenya Dental Association*; 7 (3) 2016.
  - ✓ Cheruiyot I, Olabu B, **Kamau M**, Ongeti K, Mandela P. Histomorphological changes in the common carotid artery of the male rat in induced hypogonadism. *Anat Cell Biol* 2018; 51: 1-8
  - ✓ Cheruiyot I, Olabu B, **Kamau M**, Ongeti K, Mandela P. Castration induces progressive increase in the carotid intima-medial thickness of the male rat. *Anatomy* 2018; 12 (2).
- **Ongoing research**
    - ✓ Chikophe IN, **Kamau MW**. Reliability of non-invasive haemoglobin in paediatric cleft lip and palate preoperative patients in the austere environment.
    - ✓ Guthua SW, **Kamau MW**. Our experience with Maxillo-mandibulo-facial osteosarcomas in Kenya.
- **Presentations**
    - ✓ **2018** – *Alveolar bone grafting in cleft lip and palate: A case series*. Presented at the 12<sup>th</sup> Annual Surgical Symposium, The Nairobi Hospital.
    - ✓ **2015** - *Current concepts, management approach and challenges of Craniomaxillofacial sarcomas*. A local experience. Presented at the 9<sup>th</sup> Annual Surgical Symposium, The Nairobi hospital.
    - ✓ **2015** – *Quality and Safety of Cleft lip and palate surgeries*. Experience of a Loco-regional charitable organization. Presented at the Pan African Association of Cleft Lip and Palate Conference in Hawassa, Ethiopia.
    - ✓ **2012** - *Sarcomagenesis*. At the CME for the East African Association of Oral and Maxillofacial Surgeons.
    - ✓ **2011** - *Maxillofacial sarcomas as seen at the University of Nairobi Dental Hospital*. At the International Association of Oral and Maxillofacial Surgery at the University of Nairobi.

### **Student research supervision and examination**

*Intercalated Bachelor of Science degree in Human Anatomy, University of Nairobi.*

- Isaac Kiptum Cheruiyot - H31/2693/2014: Structural changes in the common carotid artery of a rat following orchietomy-induced hypogonadism. Supervised to completion

- Krishan Sarna – V28/38044/2016: Effects of Diabetes Mellitus on the histo-morphologic characteristics of the rat parotid gland. Supervised to completion

*Internal examiner (thesis) for Masters of Science degree in Human Anatomy, University of Nairobi.*

- Dr Kihara Eunice Njeri: “Dental age estimation in children attending a University Dental Hospital”. Completed

### **Continous professional development:**

#### **Conferences**

- ✓ **June 2019** – Participant in the Operation Smile Centers Conference held on June 8-9, 2019 at Estelar Playa Manzanillo Hotel, Cartagena, Columbia.
- ✓ **July 2018** – Participant in the 2<sup>nd</sup> International Symposium on on Velopharyngeal Dysfunction held on September 14-15, 2018 at The Grand Event centre, Columbus, Ohio, USA
- ✓ **May 2018** – Participant in the NEXT REGIONAL SUMMIT 2018 held on May 9-11, 2018 at Sheraton Norfolk, Virginia Beach, USA.
- ✓ **February 2017** – Participant in the 13<sup>th</sup> International Cleft Congress held between 8-11 February in Chennai, India.
- ✓ **September 2015** – Participant in the XXIV International Symposium on Morphological Sciences held between 2-6 September in Istanbul, Turkey.
- ✓ **June 2015** – Participant in the Amrita Craniofacial Surgery Symposium and Hands-on workshop on correction of craniofacial deformities held between 19-21 June 2015 at Amrita Institute of Medical Sciences, Kochi, India.
- ✓ **March 2015** – Participant and Presenter in the Pan-African Association of Cleft lip and Palate Conference held between 26-28 March 2015 in Hawassa, Ethiopia.
- ✓ **March 2014** – Participant in the 4<sup>th</sup> Pan-African Congress of Oral and Maxillofacial Surgeons held between 13-15 March 2014 in Nairobi, Kenya.

#### **Workshops and Seminars**

- ✓ **May 2017** – AOCMF Advanced Symposium: Frontal, NOE, Orbital trauma and Orthognathic Surgery held at Nairobi Hospital, Kenya.
- ✓ **November 2016** – The Head and Neck general purpose locoregional flaps Hands-On-Course held at the Nairobi Surgical Skills Centre, Kenya
- ✓ **August 2016** – Global Dental Implant Academy: Guided Implant placement: A comprehensive training held at P.C.E.A Kikuyu Hospital, Kenya
- ✓ **October 2015** – AOCMF Symposium: Advances in Maxillofacial Trauma and Reconstruction held at the University of Nairobi Institute of Head and Neck Sciences.
- ✓ **March 2014** – Oral and Maxillofacial Surgery Workshop: Reconstructive Surgery of the Face held at Crowne plaza hotel, Nairobi, Kenya.



- ✓ **July 2013** – Oral and Maxillofacial Surgery Workshop: Navigation in the management of Craniofacial anomalies and latest in major Maxillofacial Deformity, Post Trauma and Oncology held at Sarova Panafric Hotel, Nairobi, Kenya.
- ✓ **February 2013** – Attendee for the Basic to Advanced Implant course (Basic principles of implant dentistry, aesthetic considerations when placing dental implant) by Zimmer Dental held in Nairobi, Kenya
- ✓ **October 2012** – AOCMF advanced symposium on Cranio-Maxillofacial Reconstructive Surgery held at Silver springs hotel Nairobi, Kenya.
- ✓ **May 2011** - AOCMF Advanced seminar on Cranio-Maxillofacial reconstructive and corrective bone surgery at the University of Nairobi.
- ✓ **March 2011** - Presenter and attendee of Benign Head and Neck tumours course coordinated by the International Association of Oral and Maxillofacial Surgery at the University of Nairobi.
- ✓ **February 2011** - Malignant tumours of the Head and Neck course coordinated by the International Association of Oral and Maxillofacial Surgery at the University of Nairobi.
- ✓ **May 2010** - Synthes Advanced II Cranio-Maxillofacial seminar at the University of Nairobi Institute of Maxillofacial and Reconstructive Surgery.
- ✓ **March 2010** - Benign tumours of the Head and Neck course coordinated by the International Association of Oral and Maxillofacial Surgery at the University of Nairobi
- ✓ **October 2009** - Course and workshop on treatment of head and neck cancer organized by the Otolaryngology, Head and Neck Institute at Kenyatta National Hospital.
- ✓ **September 2009** - Maxillofacial Traumatology course with aspects of Advanced Trauma Life Support coordinated by the International Association of Oral and Maxillofacial Surgery in Nairobi, Kenya.
- ✓ **July 2009** - AO Cranio-Maxillofacial Principles Course held in Nairobi, Kenya.
- ✓ **September 2008** - Synthes Cranio-Maxillofacial symposium in Nairobi, Kenya.
- ✓ **June 2007** - AO Cranio-Maxillofacial seminar sponsored by AO foundation held in Nairobi, Kenya.
- ✓ **January 2002** - Workshop on the Orthodontic management of Cleft Palate patients

**Personal attributes:**

- Excellent written and verbal communication in English and Kiswahili.
- Hard working and always ready and willing to learn.
- Team player.
- Sociable, orderly, and disciplined.

**Professional Associations:**

- East Africa Association of Oral and Maxillofacial Surgeons.
- AO-CMF Organisation.
- International Association of Oral and Maxillofacial Surgeons
- International Association of Dental Research