

## **CURRICULUM VITAE**



### **Personal details**

Name: Joseph Kimani Wanjeri,

Designation: Lecturer - Dept. of Surgery, University of Nairobi.

Speciality: Plastic & Reconstructive Surgery.

Nationality: Kenyan.

Marital status: Married.

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### **Professional Qualifications/Education:**

- Master of Public Health (MPH).
- July 1998: Certificate in Orthopaedic Surgery, Tel Aviv University, Israel.
- Nov. 1996: Master of Medicine in Surgery (MMed. Surg), University of Nairobi.
- Sept. 1986: Bachelor of Medicine & Bachelor of Surgery (MB ChB), University of Nairobi.
- 1978: A level – Starehe Boys Centre and School.

**Work Experience:**

2007 – 2010: Part-time Reconstructive Surgeon for the surgical outreach service of the African Medical & Research Foundation (AMREF).

2001 – to date: Volunteer surgeon for Operation Smile.

Sept. 1998-to date: Consultant surgeon for the Better Living Hospital of the Seventh Day Adventist Church situated on Milimani Rd, Nairobi.

Aug. 1996 - to date: Consulting Surgeon for Metropolitan Hospital, Nairobi, Kenya. At this hospital, I started a cleft lip and palate repair project for poor patients. It is co-sponsored by the hospital and the Smile Train organization with headquarters in New York.

July 2000 – to date: Lecturer – Dept of Surgery, University of Nairobi (<https://surgery.uonbi.ac.ke/>)

July 2000 – to date: Consultant, Plastic Surgery Unit - Kenyatta National Hospital  
March 1996 – June 2000: Specialist (General Surgeon) – Kiambu District Hospital (Ministry of Health, Kenya).

Nov. 1990-Feb. 1996: Senior House Officer – Kenyatta National Hospital, Nairobi.

Aug. 1986-Nov.1990: Medical Officer – Ministry of Health, Kenya.

**Courses & seminars:**

**Sept.2004 – Feb. 2005:** Plastic Surgery Observership course at the King George Medical University (KGMU) in Lucknow, India.

**May 14-24, 2002:** Physician Training Program (PTP) at Norfolk, Virginia, USA. Jointly sponsored by Operation Smile and Eastern Virginia Medical School.

**May –August 1998:** Orthopaedic Surgery, Tel Aviv University, Israel: Assaf - Harofe Medical Center, Zerifin, Israel.

**December 1997:** (AO-ASIF) Orthopaedic Basic Course at Davos, Switzerland.

**Paper presentations:**

Sept. 2000: (7<sup>th</sup> Aga Khan University Hospital scientific conference, Nairobi, Kenya):

Burn wound infection at the Kenyatta National Hospital: A descriptive retrospective study.

Nov. 2001: (Scientific symposium - Operation Smile International mission at Kenyatta National Hospital, Nairobi – Kenya).

Skin substitutes.

April 2005: (Annual Kenya Medical Association

Scientific Conference held at the Grand Regency Hotel, Nairobi):  
Pulmonary Tuberculosis (PTB) mimicking acute abdomen - Case report.

April 2008: (SSK conference – Panafric Hotel, Nairobi, Kenya):

1. Pattern, presentation & awareness of first aid in patients presenting with burns at KNH: A two year retrospective study.
2. Reconstruction of abdominal wall defect following excision of a Desmoid tumour which developed in a post laparotomy wound: Case report.
3. A review of cleft lip and palate patients managed at a private hospital in Nairobi.

June 2008: (Pan African Anaesthesia Symposium – Panafric Hotel, Nairobi): Cleft surgery performed under Ketamine, Valium and Local Anaesthesia by AMREF at a remote district hospital in Kenya.

September 2008 (CLEFT2008ICPF – 5<sup>th</sup> congress, Dallas-Fortworth, Texas USA):

1. Van der Woude Syndrome: Case report of a patient seen at a hospital in Kenya.
2. Cleft lip and palate: A 10-Year retrospective study at a national referral hospital in Kenya. **Paper won third prize in the Best Paper competition & submitted & accepted for publication in Journal of Craniofacial Surgery.**

## **Post-Graduate students' research supervision at the University of Nairobi**

### **➤ 2004**

1. Study of paediatric thermal burns: Presentation, causes and management as seen in Kenyatta National Hospital (KNH).
2. Fluid resuscitation in severely burnt adult patients admitted to KNH.

### **➤ 2005**

3. Occurrence and management of keloids in surgical patients seen at KNH.

### **➤ 2006**

4. Pattern of presentation and short term management outcome of hand burns in children as seen at KNH.
5. Pattern for burns as seen at the KNH.
6. The value of using abbreviated burns severity index score in predicting the outcome of patients with moderate to severe thermal injuries at Kenyatta National Hospital.

### **➤ 2007**

7. Sodium and potassium derangements in severe burns in the immediate post-burn period.

### **➤ 2008**

8. Pattern of presentation, management and early outcome of burns as seen at Kenyatta National Hospital.

### **➤ 2009**

9. Cleft lip and palate: A descriptive retrospective and prospective study conducted at two hospitals in Nairobi.

### **➤ 2011**

10. Effects of enteral glutamine supplementation on reduction of infection and mortality in adult patients with severe thermal burns at Kenyatta National Hospital: A double blind randomized clinical trial.
11. Risk factors for kerosene stove explosion burns as seen at Kenyatta National Hospital in Kenya.

➤ **2013**

12. Evaluation of the occurrence of acute hyperglycaemia and its association with outcome in patients with severe burns hospitalized at Kenyatta National Hospital.
13. The efficacy of a simple multimodal analgesic protocol on acute post-operative pain after abdominal surgery in KNH.
14. Correlation of burn wound infection and mortality of burn injury patients hospitalized at Kenyatta National Hospital.

➤ **2015**

15. Split Thickness Graft Take After Tumescant and Non-Tumescant Technique of Harvesting: A Randomized Trial.

➤ **2018**

16. Lund Browder chart versus Rule of Nines in assessment of adequacy of fluid resuscitation in patients admitted with thermal burns at the Burns Unit of Kenyatta National Hospital in the University of Nairobi.
17. Anthropometric measurements and quantitative analysis of facial features of adults at the School of Medicine.
18. Critical appraisal of the prediction of resection weight in reduction mammoplasty using four different models.

➤ **2020**

19. The levels and significance of high sensitivity Cardiac Troponin t (*hs-ctnt*) in burn patients. (Geoffrey Warui, MSc Clinical Chemistry H58/8197/2017)
20. Determination of N-Terminal Prohormone b-type Natriuretic Peptide (nt-probnp) levels in burn patients at Kenyatta National Hospital. (Anthony Mulama Orembe, BSc. MLS HB58/8461/2017)

21. A comparison of Abbreviated Burns Severity Index and the revised Baux Score in moderate to severe burns as seen in Kenyatta National Hospital. (Muriithi Crispus Mwangi, MMed Surgery, H58/87064/2016)

**Research activities:**

1. Maggot Debridement Therapy (MDT) – The biotherapeutic method of healing chronic wounds in Kenya. In collaboration with Kenya Agricultural Research Institute (KARI), Tenwek Mission Hospital, Comenius University and Scientica Limited of Slovakia.
2. Risk factors for burn injuries at Kenyatta National Hospital in Nairobi, Kenya: A case control study. Undertaken as part fulfillment for the award of Master of Public Health degree of the University of Nairobi.
3. Factors contributing to burn injuries among children & adults in urban and rural settings in Kenya. In collaboration with African Medical & Research Foundation (AMREF) and University of Toronto.

**Professional bodies & Associations**

1. Registered as a General Surgeon, Plastic & Reconstructive Surgeon by the Kenya Medical Practitioners & Dentists Council (KMPDB) – Reg. # A2759
2. Secretary General and Founder Member – Kenya Society of Plastic, Reconstructive & Aesthetic Surgeons (KSPRAS)
3. Member – Burn Society of Kenya

**Special responsibility:**

Web champion of the Department of Surgery of University of Nairobi: Responsible for uploading content onto the departmental website [surgery.uonbi.ac.ke](http://surgery.uonbi.ac.ke) and other online platforms.

**Interests:**

Photography and reading.

**Board/Organization membership:**

1. Africa advisory board member – International Children’s Surgical Foundation (ICSF).
2. Retired Director (Board member) – Metropolitan Hospital, Nairobi.
3. Former Ptolemy Project country representative (Kenya).

**Referees:**

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