

# CURRICULUM VITAE

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## Personal Contacts

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Address P.O Box 303 – 00202 Nairobi, Kenya

## Education

2012 Fellowship Hematology/Oncology, West Virginia University, USA  
2006 Fellowship Blood Banking/Cellular therapies, Emory University, USA  
2005 MMed Clinical Pathology, University of Nairobi, Kenya  
2000: MBChB Medicine and Surgery, University of Nairobi, Kenya  
1992 Kenya Certificate of Secondary Education (KCSE), Alliance High School

## Honors and Other Training

2004: Four-month Fellowship in Hospice care and management from the Nairobi Hospice affiliated with Oxford Brooks University, United Kingdom  
2006 Distinguished Scholar in Cellular Therapies/Blood Transfusion at Emory University, Atlanta, GA, USA  
2008: Training in clinical research – International Transfusion Safety  
2009: Training on Advanced Research Methodology by the University of Nairobi in collaboration with the University of Washington, Seattle, WA, USA  
2010: Visiting physician at the Central Manchester Children's Hospital, Hematology Section under the mentorship of Dr. Paula Bolton-Maggs, Manchester, United Kingdom  
2011: Visiting Physician at the Hammersmith Hospital, London, United Kingdom – specialized training on chronic myeloid leukemia sponsored by the International CML Foundation  
2011: Visiting Scholar, Mary Babb Randolph Cancer Center and Section of Hematology/Oncology, Department of Medicine, West Virginia University, Morgantown, WV, USA  
2012 John Hopkins University, Post-graduate Certificate Biostatistics & Epidemiology  
2013 Washington University Post-graduate Certificate Global Health Leadership and Management  
2016 Visiting scholar, Charite' University Hospitals, Berlin, German  
2016 Afya Bora Global Health Leadership Fellowship (1 year) with University of Washington, University of Botswana, Muhimbiri University, Makerere University & University of Nairobi

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2017 African cancer Leaders Institute (ACLI) fellow under the African Organisation for Research & Training in Cancer (AORTIC)

2000 – 2001 Medical Officer Intern, Ministry of Health, Kisii District Hospital

2001 – 2002 Medical Officer, Ministry of Health, Kisii District Hospital

2002 – 2005 Registrar, Department of Pathology, UoN/KNH

2005 – 2006 Clinical Pathologist – Ministry of Health at the National Public Health Laboratories and at Meru District Hospital

2006 – 2007 Tutorial Fellow, Department of Pathology, Thematic Unit of Hematology and Blood Transfusion, University of Nairobi

2007 – 2014 Lecturer, Department of Pathology, Thematic Unit of Hematology and Blood Transfusion, University of Nairobi

2014 – Senior Lecturer, Department of Pathology, Thematic Unit of Hematology and Blood Transfusion, University of Nairobi

2019 - Unit Head, Haematology & Blood Transfusion Unit, Department of Human Pathology, University of Nairobi

### **Other Experience and Professional Memberships**

2016 - Secretary General, Haematology and Oncology Society of Africa (HOSA)

2009- 2014- Treasurer College of Pathologists of East Central and South Africa (COPECSA)

2007 – 2015: Secretary General, Kenya Association of Clinical Pathologists (KACP)

2010 Member, African Foundation Society Blood Transfusion (AfSBT), Kenya Society of Hematology and Oncology (KESHO), Kenya Association of Clinical Pathologists (KACP), Association of Pathologists of East Central and South Africa (APECSA)

2012 Member, American Society of hematology (ASH), Member, American association of Blood Banks (AABB)

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## Licensure and Certifications

- 2001 Kenya Medical Practitioners and Dentist Board (KMPDB)
- 2017 DOSH approved persons for Designated Health Practitioner

## Postgraduate students supervised

1. Agwata, D. K - Development of an algorithm of haematologic parameters as surrogate markers for CD4 cell count in resource-limited settings
2. Njoroge R - Determination of quality parameters of platelet concentrates at Kenyatta National Hospital's Blood Transfusion Unit
3. Mangare C - Prevalence of Red Blood cell allo and autoimmunization in sickle cell and cancer patients at Kenyatta National Hospital
4. Kimani SN - The prevalence of the major Rhesus antigens in donor blood at the National Blood Transfusion Centre (NBTC), Nairobi – Kenya EAJP July, 2017; Vol. 4: 15-20
5. Onchaga M.K - Quality Assessment of Platelet Concentrate Preparations at the Nairobi Regional Blood Transfusion Centre in Kenya
6. Solomon MW - Evaluation of quality of packed red cells prepared at Regional Blood Transfusion Center Nairobi
7. C.J. Soi - IGG-antibody seroprevalence of West Nile Virus among blood donors in Nairobi and Nakuru regional blood transfusion testing centers in Kenya
8. Karani RM - Gender and age differences in the prevalence of deferral of potential blood donors at the Kenyatta National Hospital Blood Transfusion Unit
9. Eunice Wandia Kanyiri - A Comparative Study of Haematological Parameters between Sickle Cell Anemia Patients on Hydroxyurea and Hydroxyurea Naïve Patients

## Publications

1. The Prevalence of Nosocomial Urinary Tract Infections in patients with indwelling urinary catheters at Kenyatta National Hospital; **PM Mwamba** – 2005; University of Nairobi
2. Von Willebrand's disease in Kenya, G Kitonyi, J Rajab, **P Maturi**, J Ireri, E Aswani - HAEMOPHILIA, Vol 14; page 112-112; 2008 WILEY-BLACKWELL
3. Kitonyi GW, **Mwamba PM**. Fistulae complications in HIV associated Burkitts lymphoma therapy. The challenges: 2 case reports. J. Hematopathol. 2008;
4. **Mwamba PM**, Sirengo BN. The Nairobi Hospice--tribute to the late professor Edward George Kasili. East Afr. Med J. 2009; 86(12 Suppl):S110-S111.1:65
5. **Mwamba PM**, Mwanda WO, Busakhala N, Strother RM, Loehrer PJ, Remick SC. AIDS-related non-Hodgkin's lymphoma in sub-Saharan Africa: current status and realities of therapeutic approach. Lymphoma, 2012.
6. **Mwamba PM**, Remick SC. AIDS-Associated Burkitt's Lymphoma. In: Burkitt's Lymphoma. Robertson, E. (Ed.). Philadelphia: Springer / CM: Current Medicine Group, LLC, 2012.

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7. Korir A, Mauti N, **Mwamba PM**, Mwanda WO, Rochford R, Ayer LW, Metheny C, Fisher M, Remick SC, Developing Clinical Strength-of-Evidence Approach to Define HIV-Associated Malignancies for Cancer Registration in Kenya. PLoS One. 2014 Jan 23;9(1):e85881. doi: 10.1371/journal.pone.0085881. eCollection 2014.
8. Agwata, D. K., Juliette, O., Amos, M., **Maturi, P.**, Jackim, N., & Schifra, U. (2016). Development of an algorithm of haematologic parameters as surrogate markers for CD4 cell count in resource-limited settings. *Journal of Medical Laboratory and Diagnosis*, 7(3), 13-19
9. Njoroge R, **Mwamba PM**, Githanga J, Determination of quality parameters of platelet concentrates at Kenyatta National Hospital's Blood Transfusion Unit: *International Journal of Hematological Disorders*. 2014, 1(1), 35-40
10. Challenges Facing Implementation of Strengthening Laboratory Management Toward Accreditation (SLMTA) Program in Blood Transfusion Service in Kenya; E Wakaria, C Rombo, **P Mwamba**, M Oduor, K Tilock - *Transfusion Medicine*, 2014
11. Quality Improvement Initiatives Towards Provision of Safe and Sufficient Blood In Kenya; E Wakaria, C Rombo, **P Mwamba**, M Oduor, K Tilock - *Transfusion Medicine*, 2014
12. Mangare C, **Mwamba PM**, Rajab J, Title: Prevalence of Red Blood cell allo and autoimmunization in sickle cell and cancer patients at Kenyatta National Hospital : *African Journal of Laboratory Medicine* (In press Ref. No.: 297)
13. Wakaria EN, **Mwamba PM**; Rombo C,Oduor M, Kimberly T, Kimani D, Makokha E, 'Implementing SLMTA in Kenya National Blood Transfusion Service: Lessons Learnt' accepted for publication in *African Journal of Laboratory Medicine (AJLM)* Ref No: Ref. No.: 585
14. Wanyama FM, **Maturi P**, Sekadde-Kigondu C.; Analytical Evaluation of Hemochroma POC Haemoglobin Reader; Research Article: *Journal of Medical Diagnostic Methods*, 2016: 219 DOI: 10.4172/2168-9784.1000219
15. **Mwamba PM**, Rogena E, Kitonyi GW; A Ten Year Retrospective Audit of the Clinic- pathological Management and Treatment Outcomes of Patient's with Nephroblastoma (Wilms Tumor) at Kenyatta National Hospital; *American Journal of Cancer Prevention* Vol. 5, No. 2, 2017, pp 21-24. doi: 10.12691/ajcp-5-2-1
16. Kimani SN, **Maturi PM**, Rajab JA, Mwanda OW, he prevalence of the major Rhesus antigens in donor blood at the National Blood Transfusion Centre (NBTC), Nairobi – Kenya *EAJ* July, 2017; Vol. 4: 15-20
17. Onchaga M.K., **Maturi P.** Mwamba, Amos Mbugua M., , and W. Mwanda. Quality Assessment of Platelet Concentrate Preparations at the Nairobi Regional Blood Transfusion Centre in Kenya. *International Annals of Medicine*. 2017;1(9). <https://doi.org/10.24087/IAM.2017.1.9.302>
18. Solomon MW, **Maturi PM**, Mbugua AM; Evaluation of quality of packed red cells prepared at Regional Blood Transfusion Center Nairobi East *African Journal of Pathology* December 2017 Volume 4, No. 2 ISSN 2409-0972
19. Mwangi M, **Mwamba PM**, Onyuma T; Peritoneal gliomatosis in a mature ovarian teratoma: Case report *East African Journal of Pathology* December 2017 Volume 4, No. 2 ISSN 2409-0972
20. Onchaga Margare K., **Maturi P. Mwamba**, Amos Mbugua M. and W. Mwanda. Quality Assessment of Platelet Concentrate Preparations at the Nairobi Regional Blood Transfusion Centre in Kenya. *International Annals of Medicine*. 2017;1(9). <https://doi.org/10.24087/IAM.2017.1.9.302>

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21. C.J. Soi, **P Maturi**, S Kibet, A Mbugua, , L Hiyan; IGG-antibody seroprevalence of West Nile Virus among blood donors in Nairobi and Nakuru regional blood transfusion testing centers in Kenya East African Medical Journal; Vol 94, No 8 (2017); ISSN: 0012-835X
22. Cancer burden in HIV/AIDS infected patients at the Kenyatta National Hospital, **Mwamba Peter** ; Mudenyio, Mark; Muiruri, Peter; Welcome reception and poster session one, P422; 16:30–18:00 Tuesday 7 November, 2017 AORTIC 2017, Kigali
23. Swyer syndrome, 46 XY gonadal dysgenesis: a case report; Mwangi WM, **Mwamba PM**, Ondiek W, Kigundu CS, EAJP July, 2018; Vol. 5: 40-42
24. Peritoneal gliomatosis in a mature ovarian teratoma: Case report; Mwangi M, Onyuma T; **Mwamba PM** EAJP July, 2018; Vol. 5: 40-42
25. Seroprevalence of human herpesvirus 8 and selected associated factors among blood Donors at two blood donor centres in Nairobi, Kenya; Mwangi WM, Rajab J, Githanga JN, Barasa A, Okoth O, **Mwamba PM**, Lu Yihan; EAJP December, 2018; Vol. 5: 71-78
26. Karani RM, **Mwamba PM**; Gender and age differences in the prevalence of deferment of potential blood donors at the Kenyatta National Hospital Blood Transfusion Unit; EAJP December, 2018; Vol. 5: 71-78
27. Eunice Wandia Kanyiri, **Dr Peter Maturi**, Dr Cleophas Mutinda Kyama, Dr Fredrick Okinyi; A Comparative Study of Haematological Parameters between Sickle Cell Anemia Patients on Hydroxyurea and Hydroxyurea Naïve Patients; Journal of Medical Science and Clinical Research; Volume 07 Issue 05 May 2019; <https://dx.doi.org/10.18535/jmscr/v7i5.89>

### Professional Referees

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of Nairobi  
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University of Nairobi  
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3. Dr Jane Mwangi  
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