**CURRICULUM VITAE**

**Name:**Ayub Felix Barasa

**Citizenship:** Kenya

**Date of Birth:** 14 September 1971

**Marital Status:** Married: Beatrice Manyasi

Children: Blixen, Tessy, Leon

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**Postal address:** Box 8584 Code 30100, Eldoret

**Current Position**

Consultant physician and cardiologist at Moi Teaching and Referral Hospital (MTRH), Eldoret Kenya. Honorary Lecture, Department of Medicine, Moi University Eldoret, Kenya

**Professional Experience**

2014 – Present. Consultant Cardiologist MTRH

2009 – Present. Consultant Physician MTRH

2005 – 2008. Internal Medicine Registrar, Kenyatta National Hospital.

2002 – 2006: Medical officer, MTRH

1999- 2001: Medical officer in the ministry of Health; worked at Kajiado District Hospital.

1998- Medical Officer intern, Nakuru General Hospital. Rift Valley. Kenya

**Academic Background / Training**

2017- Elected Fellow of the American College of Cardiology

2010 – 2013: Cardiology fellow; Duke/ Moi Universities cardiovascular centre of Excellence

2005 – 2008: Postgraduate studies in Internal Medicine, MMED; Nairobi University

1990 – 1997: Undergraduate studies, MB,ChB; Nairobi University

1986 – 1989: Kakamega High School

1978 – 1985: Buhayi Primary School.

**Certification.**

2017. Recognized as fellow of American College of Cardiology, FACC.

2014. Subspecialist recognition as Cardiologist. Kenya Medical Practitioners and Dentists Board (KMPDB)

2011. Clinical Research and Design. Duke University

2011: Recognition as specialist physician, KMPDB

1999. Recognition as registered medical officer, KMPDB

Others: Senior Management Course, Kenya School of Government .2017

**Professional societies’ affiliation**

Kenya Cardiac Society

Kenya Association of Physicians

Kenya Medical Association

European Society of Cardiology

American College of Cardiology

**Leadership and responsibilities**

Current: Head, Department of Cardiology, MTRH

Co-ordinator, Moi University Clinical Cardiology Fellowship Program

National Chairman, Kenya Association of Physicians

Clinical services as a specialist physician/cardiologist at MTRH

Teaching duties at Moi University to both undergraduate and post-graduate students

Reviewer: Moi Teaching and Referral Hospital/ Moi University Research and Ethics Committee

Peer Reviewer: American Heart Journal; Journal of Global Health (Publication of World Heart Federation)

Previous: 2009 – 2011: Head; MTRH specialist clinics, Member of several boards/ committees: Hospital Tender Board, Hospital Billing Committee, Pharmacy and drug committee, Blood Transfusion committee.

1999. Medical officer of Health. Kajiado District.

**Oral Presentations and selected Conference attended**

*Clinical presentation, disposition and six month post discharge mortality of patients with Acute Heart Failure at Kenyatta National hospital, Kenya*. Presented at PASCAR Conference in 2009 at Abuja Nigeria.

*Aetiology of Heart Failure as seen at a referral Hospital in Kenya*.Presented 2010 at Kenya Cardiac Society annual conference, Mombasa Kenya.

*Rheumatic Heart Disease: an Echocardiographic profile at Moi Teaching and Referral Hospital Kenya*. Presented 2011 at PASCAR conference in Kampala Uganda.

*Utility of Hand held echocardiography among clinical officers in common cardiac diagnoses at Moi Teaching and Referral Hospital*. Presented at 5th Annual NHLB/ United Health Annual Conference in 2014 at Bethseda, Maryland USA.

NHLBI/ United Health semi-annual conferences held at Maryland USA: 2010,2011,2014

Kenya Cardiac Society annual scientic conferences: 2008, 2010, 2012, 2014

IMPI investigators Final conference for discussion of Results. 2014, Cape Town

European Society of Cardiology (ESC) Evidence based management of Hypertension. Held at Nairobi Nov 2014.

Kenya Association of Physicians annual conferences: 2008,2013, 2015, 2016,2017,2018

European Society of Hypertension (ESH) Evidence based management of Hypertension in Zanzibar May 2015

European Society of Cardiology (ESC) annual Congress held in London UK, Aug-Sept 2015, and Munich Germany in Sept 2018

Kenya Association of Physicians Annual Scientific conference held in Eldoret March 2016

World Congress of Cardiothoracic surgeons and South Africa Heart Association Annual conference held in Cape Town Spt 2016

Cardiological Society of India annual scientific conference held in Kochi Kelara, India in

December 2016.

European Society Cardiology Congress 2018. Munich Germany Aug 2018

Afrinova Confrence on Cardiovascular Disease Updates in Africa. Rome Italy 2018

Research Conference on discussion of strategic research management on INVICTUs in Cairo in June 2018 .

Research conference on result discussion of the CREOLE protocol. RCT on Best dual antihypertensive combination therapy among Africans pitting 3 agents: Lisinopril, amlodipine and hydrochlothiazide. Sponsored by GSK study in Abuja Cairo in October 2018.

European Society Of Cardiology congress 2019. Paris Rome Aug 2019

**Publications.**

[Why prevention of rheumatic heart disease should be a component of primary healthcare.](https://www.ncbi.nlm.nih.gov/pubmed/22228821)Koech MM, Barasa F, Ng'enoTK.Journal of tropical pediatrics. 2012; 58(5):414-5.

[Rationale and design of the Investigation of the Management of Pericarditis (IMPI) trial: a 2 × 2 factorial randomized double-blind multicenter trial of adjunctive prednisolone and Mycobacterium w immunotherapy in tuberculous pericarditis.](https://www.ncbi.nlm.nih.gov/pubmed/23351812)

Mayosi BM, Ntsekhe M, Bosch J, Pogue J, Gumedze F, Badri M, Jung H, Pandie S, Smieja M, Thabane L, Francis V, Thomas KM, Thomas B, Awotedu AA, Magula NP, Naidoo DP, Damasceno A, Banda AC, Mutyaba A, Brown B, Ntuli P, Mntla P, Ntyintyane L, Ramjee R, Manga P, Kirenga B, Mondo C, Russell JB, Tsitsi JM, Peters F, Essop MR, Barasa AF, Mijinyawa MS, Sani MU, Olunuga T, Ogah O, Adebiyi A, Aje A, Ansa V, Ojji D, Danbauchi S, Hakim J, Matenga J, Yusuf S.American heart journal. 2013; 165(2):109-15.e3.

[Heart failure in sub-Saharan Africa.](https://www.ncbi.nlm.nih.gov/pubmed/23597299)

Bloomfield GS, Barasa FA, Doll JA, Velazquez EJ. Current cardiology reviews. 2013; 9(2):157-73.

[Prednisolone and Mycobacterium indicuspranii in tuberculous pericarditis.](https://www.ncbi.nlm.nih.gov/pubmed/25178809)Mayosi BM, Ntsekhe M, Bosch J, Pandie S, Jung H, Gumedze F, Pogue J, Thabane L, Smieja M, Francis V, Joldersma L, Thomas KM, Thomas B, Awotedu AA, Magula NP, Naidoo DP, Damasceno A, Chitsa Banda A, Brown B, Manga P, Kirenga B, Mondo C, Mntla P, Tsitsi JM, Peters F, Essop MR, Russell JB, Hakim J, Matenga J, Barasa AF, Sani MU, Olunuga T, Ogah O, Ansa V, Aje A, Danbauchi S, Ojji D, Yusuf S.NJM 2014; 371(12):1121-30. NIHMSID: CAMS5772

[Human Immunodeficiency Virus and Heart Failure in Low- and Middle-Income Countries.](https://www.ncbi.nlm.nih.gov/pubmed/26251085)

Bloomfield GS, Alenezi F, Barasa FA, Lumsden R, Mayosi BM, Velazquez EJ.

JACC. Heart failure. 2015; 3(8):579-90. NIHMSID: NIHMS704932

[Building Sustainable Capacity for Cardiovascular Care at a Public Hospital in Western Kenya.](https://www.ncbi.nlm.nih.gov/pubmed/26653630)Binanay CA, Akwanalo CO, Aruasa W, Barasa FA, Corey GR, Crowe S, Esamai F, Einterz R, Foster MC, Gardner A, Kibosia J, Kimaiyo S, Koech M, Korir B, Lawrence JE, Lukas S, Manji I, Maritim P, Ogaro F, Park P, Pastakia SD, Sugut W, Vedanthan R, Yanoh R, Velazquez EJ, Bloomfield GS. JACC. 2015; 66(22):2550-60.

Approaches to Sustainable Capacity Building for Cardiovascular Disease Care in Kenya

Felix A. Barasa, MMED, Rajesh Vedanthan, MD, MPH,Sonak D. Pastakia, PharmD, BCPS, MPH, Susie J. Crowe, PharmD,WilsonAruasa, MMED, Wilson K. Sugut, MMED,Russ White, MD, MPH, Elijah S. Ogola, MMED,Gerald S. Bloomfield, MD, MPH, Eric J. Velazquez, MD. CardiolClin 35 (2017) 145–152 http://dx.doi.org/10.1016/j.ccl.2016.08.014

Diagnostic Accuracy of Focussed Cardiac Ultrasound for Common Cardiac Conditions at a Kenyan l Hospital. Barasa FA, Bloomfeild G, Velazquez E et al. JOKAP 2018 March Issue

Burden of Cardiac Disease in patients undergoing Chronic Hemodialysis at MTRH, Eldoret. Hagembe M, Barasa F, Njiru E. JOKAP Sept issue 2018

May Measurement Month 2017: An analysis of blood pressure screening results worldwide

Thomas Beaney, Aletta E Schutte, Maciej Tomaszewski, Cono Ariti, Louise M Burrell, Rafael R Castillo, Fadi J Charchar, Albertino Damasceno, Ruan Kruger, Daniel T Lackland, Peter M Nilsson, Dorairaj Prabhakaran, Agustin J Ramirez, Markus P Schlaich, Jiguang Wang, Michael A Weber, Neil R Poulter, on behalf of the MMM Investigators. Lancet

<http://dx.doi.org/10.1016/S2214-109X(18)30259-6>

Comparison of Dual Therapies for Lowering Blood Pressure in Black Africans

D.B. Ojji, B. Mayosi,\* V. Francis, M. Badri, V. Cornelius, W. Smythe, N. Kramer, F. Barasa, A. Damasceno, A. Dzudie, E. Jones, C. Mondo, O. Ogah, E. Ogola, M.U. Sani, G.L. Shedul, G. Shedul, B. Rayner, I.G. Okpechi, K. Sliwa, and N. Poulter. NJM. DOI: 10.1056/NEJMoa1407380

May Measurement Month 2018: a pragmatic global screening campaign to raise awareness of blood pressure by the International Society of Hypertension

Thomas Beaney 1,2, Louise M. Burrell 3 , Rafael R. Barasa F et al. EHJ (2019) 0, doi:10.1093/eurheartj/ehz300

**Post Graduate Thesis Supervised**

Burden of Cardiovascular Disease inpatients undergoing Chronic Hemodialysis at MTRH. Successfully defended 2017. Hagembe M

Burden of Perpheral Arterial Disease in HIV infected patients in Western Kenya. Completed. Due for defence. Ochieng F

Cardiovascular Diseases in Pregnancy and associated Outcomes in Western Kenya. Completed. Awaits defence. Philippe R

Burden of Hypertensive Retinopathy in patients attending MOPC at MTRH.Completed . Awaits Defence. Rakwach O

Spectrum of Cardiovascular Disease in Elderly Patients admitted at MTRH. Completed. Awaits Defence. Gudu N.

Burden of Non Cardiac co-morbidities in patients admitted with Heart Failure at MTRH. Propsal submitted to IREC. Bikoro M.

**Research Work in Progress**

INVICTS Randomized clinical Trail (Investigation of Rheumatic AF Treatment using Vitamin K antagonists, Rivaroxaban or Aspirin studies). Recruitment exercise just completed.

G. CHF ( Global Heart Failure Registry). Recruitment completed 1 year ago. Follow up still ongoing.

**Referees**

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