

# **CURRICULUM VITAE**

**AHMED MOHAMED RAFIK LAVING**

**MB.ChB, M.Med (Paediatrics)**

## PERSONAL BIODATA

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 Citizenship: Kenyan

### Current Position

Senior Lecturer  
 Department of Paediatrics and Child Health  
 School of Medicine, College of Health Sciences  
 University of Nairobi, Kenya

Honorary Consultant Paediatrician/Paediatric Gastroenterologist  
 Kenyatta National Hospital  
 Nairobi, Kenya

Consulting Paediatric Gastroenterologist  
 Aga Khan University Hospital and Gertrude's Children's Hospital, Nairobi

### Duties and Responsibilities

Program Coordinator for undergraduate students at the Department of Paediatrics & Child Health, University of Nairobi. Responsible for developing the undergraduate teaching program from lecture schedules, tutorial topics to clinical teachings in the wards as well as co-ordinating their ward, newborn unit and child health rotations.

Lecturer: Participate in teaching paediatric residents, medical and nursing students as well as Clinical Officers. Involved in supervising research protocols of residents, development of undergraduate and postgraduate programs and preparing examinations for the Department of Paediatrics and Child Health at the University of Nairobi.

Clinician: Participate in running the paediatric gastroenterology and general paediatric services at Kenyatta National Hospital. Conduct major teaching ward rounds, a general paediatric outpatient clinic and a paediatric gastroenterology/liver clinic once a week, as well as weekly clinical bedside teaching sessions with fourth year medical students and paediatric residents. Consulted for all paediatric GIT issues at the national referral and teaching hospital. Perform diagnostic procedures including oesophagogastroduodenoscopies, colonoscopies and liver biopsies as well as therapeutic procedures such as sclerotherapy, polypectomy, foreign body removals and oesophageal dilatations. Have trained residents in the skill of performing percutaneous liver biopsies as well as mentor those interested in pursuing further training in paediatric gastroenterology.

## EDUCATIONAL BACKGROUND

### Professional Training

1989-1995	MBChB		University of Nairobi
1997-2000	MMed	Paediatrics	University of Nairobi
2004-2005	Certificate	Gastroenterology	University of California, San Diego

### Professional Work Experience

1995-1996	Intern- Kenyatta National Hospital, Nairobi
1996- 1997	House Officer- Department of Paediatrics, Aga Khan Hospital, Nairobi
2000- 2001	Paediatrician- Embu Provincial Hospital, Embu

2000-2003	Part-time resident paediatrician, Paediatric casualty, Aga Khan Hospital, Nairobi
2001 to date	Lecturer, Department of Paediatrics and Child Health, Faculty of Medicine, University of Nairobi and Honorary Paediatrician, Kenyatta National Hospital
2004- 2005	Fellow in Paediatric Gastroenterology, Hepatology and Nutrition, University of California, San Diego
2005 to date	Consulting Paediatrician/Gastroenterologist, Kenyatta National Hospital, Aga Khan University Hospital and Gertrude's Children's Hospital

### Other Professional Positions- Local

2009 to date	Member, Medical Advisory Committee, Gertrude's Children's Hospital, Nairobi
2009 to date	Chairman, Education Committee, Gertrude's Children's Hospital, Nairobi
2010 to date	Undergraduate program coordinator, Department of Pediatrics & Child Health, University of Nairobi
2012 to date	Executive committee member, Kenya Paediatric Research Consortium

### Professional Body Affiliations

Member, North American Society for Paediatric Gastroenterology, Hepatology and Nutrition  
 Member, Gastroenterology Society of Kenya  
 Member, Kenya Paediatric Association  
 Member, Kenya Medical Association

### SCHOLARSHIPS, HONORS AND AWARDS

2016	International Life Time Achievement Award, SPGHTN & NIMS University Jaipur, India
2004-2005	Nestle Nutrition Institute of Africa Scholarship for Fellowship Training in Gastroenterology, University of California, San Diego
1998-2000	Gandhi Smirk Nidhi Scholarship for post-graduate studies in Paediatrics, University of Nairobi
2008	Specialist Recognition in Paediatric Gastroenterology, Kenya Medical Practitioners and Dentists Board
1996	Registered Medical Practitioner, Kenya Medical Practitioners and Dentists Board

### RESEARCH

Neonatal bacterial meningitis at the newborn unit of Kenyatta National Hospital (Master of Medicine thesis)

Effectiveness of sequential therapy in treatment of Helicobacter pylori infection in children: Lead investigator, Aga Khan University Hospital

### Publications/Poster Presentation

1. Kelsey DJ Jones, Barbara Hüntten-Kirsch, **Ahmed MR Laving** et al. Mesalazine in the initial management of severely acutely malnourished children with environmental enteric dysfunction: a pilot randomized controlled trial. BMC Medicine 2014,12:133
2. Warfa O, Njai D, **Laving A** et al. Evaluating the level of adherence to Ministry of Health guidelines in the management of Severe Acute Malnutrition at Garissa Provincial General Hospital, Kenya. Pan Afr Med J 2014;17: 214-6
3. **Laving A**, Kamenwa R, Sayed S et al. Effectiveness of sequential v. standard triple therapy for treatment of Helicobacter pylori infection in children in Nairobi, Kenya. S Afr Med J 2013; 103(12):921-4
4. Maugo B, **Laving A**, Jowi C et al. Efficacy of *Bacillus clausii* in reducing duration of illness in acute diarrhoea in children - a randomized, double-blind, placebo-controlled trial. Poster, WCPGHAN (distinction poster award), Taiwan 2012
5. Nalwa G, **Laving A**, Njai D et al. Outcomes of severely malnourished children aged 6-60 months on outpatient management in Nairobi. Poster, KPA Mombasa 2012

6. Opwora A, **Laving A**, Nyabola L et al. Who is to blame? Perspectives of caretakers on accessing health care in the under-fives in Butere, Kenya. *BMC Public Health* 2011; 11:272-4
7. Makworo D, **Laving A**. Caring for children with acute treatable and preventable medical conditions. *Afr J Midwifery* 2010;4(1):33-37
8. **Laving A**, Kamenwa R, Sayed S et al. High prevalence of *Helicobacter pylori* gastritis in Kenyan children undergoing upper endoscopy. Poster WCPGHAN3, Iguassu Falls, Brazil 2008
9. **Laving A**, Khanna A, Rubin L et al. Successful liver transplantation in a patient with severe portopulmonary hypertension; *J Pediatr Gastroenterol Nutr* 2005 Oct; 41(4):466-8
10. **Laving A**, Wasunna A, Musoke R. Neonatal bacterial meningitis at Kenyatta National Hospital. *East Afr Med J* 2003;80(9):456-9
11. Digolo L, Ngacha D, **Laving A** et al. Aetiology of pneumonia in children with severe and very severe pneumonia. Poster, KPA Mombasa 2010
12. **Laving A**, Ndiritu M. Acute liver failure in a seven week old infant with galactosemia. *East Afr Med J* 2009 Nov; 86(11):526-8

### Publications- Books and Manuals

1. Primary Health Care; A manual for medical students and other health workers. Chapter 4, Childhood Nutrition.
2. Guidelines for the Treatment of Chronic Hepatitis B and C viral Infections in Kenya. Chapter on Paediatric Hepatitis B infection. Gastroenterology Society of Kenya.
3. Log Book for Undergraduate Medical Students, Department of Paediatrics and Child Health, University of Nairobi. June 2008
4. Rota virus chapter. Immunization manual for medical professionals, Kenya (in print)

### Consultancy

2013. Co-authored current guidelines for management of shock and dehydration for Kenya Paediatric Association that is widely taught throughout Kenya with the help of the Clinton Foundation.

2011. Lead facilitator in malnutrition training workshop for Coast province. Project by Kenya Paediatric Association.

### MASTERS IN MEDICINE (PAEDIATRICS) POSTGRADUATE STUDENTS SUPERVISED

1. Thurania Lydia, University of Nairobi, 2010  
Seroprevalance of Hepatitis B and C viral co-infections among children infected with human immune-Deficiency virus at Kenyatta National Hospital.
2. Kibore Minnie, University of Nairobi, 2010  
Prevalence of Human Immunodeficiency Virus infection among children under five years with severe or very severe Pneumonia at Kenyatta National Hospital.
3. Dak Othwonh, University of Nairobi, 2010  
Nutritional status of HIV infected children in HAART at the Kenyatta National Hospital.
4. Digolo Lina, University of Nairobi, 2010  
Aetiology of Pneumonia in children aged 2-59 months with severe and very severe Pneumonia in the HIV and the post HIB vaccination era at Kenyatta National Hospital.
5. Muma Onyancha Sarah N, University of Nairobi, 2010  
Pre-admission care-seeking behavior for severe and very severe Pneumonia in children aged 2 to 59 months at Kenyatta National Hospital.
6. Supa Tunje Dorcas, University of Nairobi, 2011  
Prevalence and determinants of malnutrition among primary school children in Kilifi District, Kenya.
7. Mucheru Njuguna, University of Nairobi, 2011  
Nutritional Status of Paediatric cancer patients admitted at Kenyatta National Hospital using anthropometry.

8. Maugo Brian, University of Nairobi, 2012  
Effectiveness of Bacillus Clausii in Reducing Duration of Illness in acute diarrhoea in children aged 6-59 months of age admitted with severe hydration.
9. Wasilwa Irene M, University of Nairobi, 2012  
Profiles of children referred to Kenyatta National Hospital with acute IMCI listed illnesses.
10. Karau Edel W, University of Nairobi, 2012  
Knowledge, Attitude and Practice of bereaved parents and health care providers towards autopsies in children under five years at Kenyatta National Hospital.
11. Nalwa Grace M, University of Nairobi, 2012  
Outcomes of severely malnourished children aged 6 to 60 months on outpatient management in Nairobi.
12. Mwinyishe Sophia, University of Nairobi, 2013  
Missed diagnosis of malnutrition in children aged 6-59 months attending health care at the Mbagathi District Hospital.
13. Fondo John, University of Nairobi, 2013  
Clinical Outcomes of children aged 6- 59 months with severe acute malnutrition admitted to Mbagathi District Hospital.
14. Muriithi Maureen, University of Nairobi, 2013  
Barriers to optimum management of malaria among children under five years.
15. Wamalwa Phoebe, University of Nairobi, 2013  
Prevalence and factors associated with diarrhoeal disease in moderate to severely malnourished.
16. Kamunya Ann, University of Nairobi, 2013  
Audit of current standard of care for children aged 6-59 months admitted to Mbagathi District Hospital.
17. Osman Warfa, University of Nairobi, 2014  
Evaluating the level of adherence to Ministry of Health Guidelines in the management of severe acute malnourished at Garissa Provincial General Hospital.
18. Manyasi Christine, University of Nairobi, 2014  
Perinatal morbidity and mortality among babies born to women attending antenatal clinic at Naivasha District Hospital.
19. Ongare Joane, University of Nairobi, 2014  
Prevalence of hypoglycemia among children admitted at Kenyatta National Hospital, Nairobi.

**Completed MMed Thesis University of Nairobi, Department of Paediatrics & Child Health**

1. Michuki Maina J. University of Nairobi.  
Performance of RISC score to predict poor outcomes in children admitted with LRTI at Kenyatta National Hospital.
2. Peter Mwangi Wagura. University of Nairobi.  
Prevalence, risk factors and short term outcomes for preterm babies at Kenyatta National Hospital.
3. Jane Mate Waguthi. University of Nairobi.  
Pain management in children admitted in Kenyatta National Hospital.

**Ongoing MMed Thesis University of Nairobi, Department of Paediatrics & Child Health**

1. Adeel Shah. University of Nairobi.  
Effect of Ondansetron in vomiting in acute diarrhoea.

2. Rose Wambui Munge . University of Nairobi.  
The effect of proper partograph use in the prevalence of birth asphyxia in Kisii Level 5 Hospital.
3. Yvonne Mokeira Nyakeri. University of Nairobi.  
An assessment of health worker and caregiver practices regarding oral zinc therapy for children presenting with acute diarrhoea to an urban district hospital.
4. Mukokinya Kailemia, University of Nairobi.  
Efficacy of caregiver ORS fluid charts for the management of acute gastroenteritis at Mbagathi Hospital.
5. Atika Abdurahman. University of Nairobi.  
Prevalence of constipation and management in children with chronic abdominal pain.

#### Scientific Conferences, Symposia & Workshops - Invited Speaker

1. May 2016 : Childhood immunization: Myths and controversies, Kenya Association of Family Physicians & Practitioners, Sothern Sun Hotel, Nairobi
2. May 2016: Malnutrition in childhood: Effects on later life, ESPGHAN 49<sup>th</sup> Annual Meeting, Athens, Greece
3. April 2016 : Environmental Enteropathy, Kenya Paediatric Association Annual Meeting, Eldoret
4. February 2016: Antiemetic use in Gastroenteritis, NIMS University, Jaipur, India
5. December 2014: Management of Diarrhea. Kenya Paediatric Association, Silver Springs Hotel, Nairobi
6. Nov 2014: Non-GIT manifestations of Allergy. KPA CME, Nairobi Hospital
7. August 2014: Severe Acute malnutrition: Updates on current WHO guidelines. International Congress of Tropical Paediatrics, Nairobi
8. June 2014: Management of Diarrhoea. CME, Gertrude's Children's Hospital, Nairobi
9. March 2014: Prolonged Jaundice. Paediatric GI Symposium, Gertrude's Children's Hospital, Nairobi
10. April 2012: Probiotics: current concepts. KPA CME
11. September 2011: Viral hepatitis update. CME, Gertrude's Children's Hospital, Nairobi
12. June 2011: Management of Paediatric Acid Disorders. Addis Ababa, Ethiopia
13. April 2011: The Ten Steps of Malnutrition Management. Malnutrition Training Workshop, Coast Provincial General Hospital
14. April 2011: Prolonged Neonatal Jaundice, Management Guidelines. Weekly Clinical Meeting, Aga Khan University Hospital, Nairobi
15. Jan 2011: Importance of Nutrition in Childhood. Harare, Zimbabwe
16. Oct 2010: Nutritional Support in Critical Illness. ICU workshop, Gertrude's Children's Hospital, Nairobi
17. April 2010: Chronic Diarrhoea. Kenya Paediatric Association Conference, Mombasa
18. April 2009: Micronutrients in Childhood. Nestle Nutrition Institute of Africa Meeting, Nairobi
19. March 2009: Enteral Nutrition in Children. Paediatric Gastroenterology Symposium, Nairobi Hospital
20. March 2009: Peptic Ulcer Disease in Children. Paediatric Gastroenterology Symposium, Nairobi Hospital
21. Nov 2008: Management of Malnutrition: Current WHO Guidelines. Nestle Nutrition Institute of Africa Meeting, Nairobi, Kenya
22. Oct 2008: Guidelines in Management of Dehydration. Monthly CME Meeting, Gertrude's Children's Hospital, Nairobi
23. Sep 2007: Gut Immunity. Kenya Clinical Officers Association Meeting, Nairobi

24. Aug 2007: Management of Diarrhoea in Children. Kenya Medical Association Meeting, Kisumu
25. June 2007: Rota Virus Gastroenteritis. CME Meeting, Mater Hospital, Nairobi
26. May 2007: Paediatric Laryngo-Pharyngeal Reflux, Annual Kenya ENT Society Conference, Nanyuki
27. March 2007: Parenteral Nutrition. Gertrude's Children's Hospital Nurses Workshop, Nairobi
28. Nov 2006: Current Concepts in Management of Dehydration in Children, Rota Virus Board Meeting, Cape Town, South Africa
29. April 2006: Paediatric Gastro-oesophageal Reflux Disease, Annual Kenya Paediatric Association Conference, Mombasa

## **RESEARCH INTEREST**

Neonatal Hepatitis; Functional abdominal pain in children; Childhood malnutrition

## **COMMUNITY INVOLVEMENT**

Member, Welfare Committee, Nasserpuria Memon Jamat, Nairobi

Participated in several free medical camps organized by medical students and organizations such as Lions Club at different regions including Lamu, Ijara, Garbatulla, Kwale, Diani etc

Provide free consultation services for children from low-income families in the community

## **Volunteer Experience**

September 1996 to date- Participated in free medical clinics held by organizations such as Lions Club, Rotary Club of Kenya and Memon Community.

January 1997 to October 2003- Volunteer Physician to a vocational training college for boys from impoverished homes.

## **Awards/Accomplishments**

Royal College of Paediatrics & Child Health UK, Fellowship in Hepatology 2013

Nestle Nutrition Institute of Africa Scholarship, 2004-2005

Gandhi Smirk Nidhi Scholarship for post-graduate studies, 1998-2000.

Prize in Pathology, 3<sup>rd</sup> year Medical School

## **References**

Prof. Fred Were  
Dean, School of Medicine  
Consultant Neonatologist and Associate Professor  
Dept of Paediatrics and Child Health, University of Nairobi  
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Nairobi, Kenya

Dr. Rose Kamenwa  
Consultant Paediatric Gastroenterologist and Associate Professor  
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Dr. Juzar Hooker  
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