

CURRICULUM VITAE

NAME: Dr. James Ndung'u Muturi

DATE OF BIRTH: 16th June 1949

MARITAL STATUS: Married with two children

ADDRESS: P.O.Box 19705 NAIROBI

LANGUAGES: Kikuyu, Swahili, English

RELIGION: Christian

EDUCATION:

1965 **Certificate of Primary Education.**

1969 **Kenya Certificate of Secondary Education**

1971 **East African advanced Certificate Education**

PROFESSIONAL TRAINING

1972-1977 **Medical Training (MBCHB).**
University of Nairobi Medical School

1978-1983 **General Surgery (MMed) Surgery**
University of Nairobi Medical School

1985-1990 **Paediatric Surgical Training**
i. 1985-1988 Kenyatta National Hospital Paediatric Surgical Unit
ii. 1989-1990,
a. St. Georges Hospital London
b. Booth Hall Children's' Hospital Manchester

Overseas Doctors Training Scheme Certificate of Sponsored Training (By the Royal College of Surgeons of England).

PROFESSIONAL EXPERIENCE

1997 August to August 1978 Internship

Coast General Hospital

Rotated in;

- i. Obstetrics and Gynaecology 3 months
- ii. Medicine 3 months
- iii. Surgery and Orthopaedics 3 months
- iv. Paediatrics 3 months

B. 1978-1979

Medical Officer, Meru District Hospital.

Aspects of the job involved,

- a. Administration
- b. General Medicine & Pediatrics
- c. Obstetrics & Gynaecology
- d. Surgery & Orthopaedics
- e. Forensic Medicine.

1979-1983

Senior House Officer (SHO)

General surgical training at KNH involving rotations in

- a. General Surgery 9 months
- b. Neurosurgery 3 months
- c. Plastic Surgery 3 months
- d. Orthopaedic Surgery 1 year
- e. Cardiothoracic Surgery 6 months
- f. Paediatric Surgery 6 months

1983

District Surgeon Garissa

1983-1985

Senior House Officer General/Orthopedic surgery at Aga Khan Hospital (Nairobi)

1985 - 1990

Paediatric Surgery at :

Kenyatta National Hospital,
St Goerges Hospital London,
Booth Hall Children Manchester .

1985-Todate

Honary Consultant in Paediatric Surgery, KNH.

Duties of Honary Consultant at KNH are;

1. Supervision of medical students, senior house officers, registrars
Training at all their training level
2. Running a busy surgical out patient department
3. Running theatre sessions at the hospital
4. On rota duties in the hospital
5. Administrative duties in relation to all of the above.

TEACHING EXPERIENCE

May 1985

Appointed Lecturer at the University of Nairobi

28 April 1998

Appointed Senior Lecturer University of Nairobi.

This involved;

A. Teaching,

1. All under graduate students at UoN Medical School
2. All the postgraduates in the Masters of Surgery UoN.
3. Student Nurses at Kenya Medical Training School.
4. Theatre course nurses at Kenyatta National Hospital
5. Student Nurses at Nairobi Hospital.
6. Continued Medical courses, Lectures/Seminars to the Doctors
In Nairobi.

B. Research:

The Job involves continuous research in interesting medical Problems

C. Supervision of undergraduates postgraduate surgery students in the Medical School.

- i. In their dissertations
- ii. In general surgical practice and surgical techniques.
- iii. All levels of University exams both undergraduate and postgraduates.

D Clinical demonstrations to both classes of students as above

E. Special Departmental Duties

i. **Examinations** :Undergraduate and Postgraduate

I have been involved in setting, arrangement and organizing University of Nairobi Examinations At both Levels from 1990-2001. 2009 to date

ii. **Upper and Lower Gastrointestinal Endoscopy.**

I have been involved in the setting up and running of endoscopy unit at KNH where both adult and paediatric endoscopies are carried out.

iii .Acting Chairman Department of Surgery.

I have acted as Chair of the department on two occasions

DESSERTATIONS SUPERVISED AND PASSED:

1. **A Study of Bladder Extrophy** as seen at Kenyatta National Hospital (KNH)
1981-1991 by Dr. Stanley Ominde Khainga.
2. **Obstructive Uroopathy** as seen at Kenyatta National Hospital
January 1985-1992 by J.O.Odera.
3. **Blunt Abdominal Trauma in Children** as seen at KNH
Jan 1983-1993 by Tenge Robert Kurume.
4. **Surgical Aspects of Ascaris Lumbricoides in Paediatric Surgical Practice.**
A five year Retrospective study 1993 by G. G. O. Calleb.
5. **Pattern of Occurrence Anorectal Malformation at Kenyatta National Hospital**
1983-1994 by W.J. Okumu.
6. **Traumatic Soft Tissue Loss** at Kenyatta National Hospital
October 1993-1994 by J.O. Otieno
7. **Management of Undescended Testis at the Paediatric Surgical Unit of Kenyatta National Hospital, 1985-1994** by P.A. Kisanga.
8. **Dyspepsia and Upper Gastrointestinal fibrotic findings** at KNH
November 1995-April 1996 by G.I. Wandera.
9. **Urinary diversion as Performed at Kenyatta National Hospital**
1988-1996 by Dr. Lwegado R.K.
10. **A Study of the pattern of Gastroesophyageal Reflux Diseases** at Kenyatta National Hospital for the period of June 1994 to May 1999, by Dr. Clifford Asava Amaganga.
11. **A Review of Causes of Mortality in Perforated Duodenal Ulcers at KNH** between 1988- 1989. By Gachoiro D. N.
12. **A Review of the Pattern of Presentation and Management of Umbilical Hernia** as seen in the Paediatric Surgical Unit – KNH over a period - 1994 – 1998, by Dr. Bernard Odoyo Odhiambo.
13. **A Retrospective Study of Factors at Play in Recurrence of Childhood Inguinal Hernia** after Repair at KNH between 1998 – 1997 (inclusive), by Dr. Njiru Josphat O. Nyaga.

14. **Bowel Function Following Posterior Sagittal Repair of Anorectal Malformations** A ten year retrospective study by Dr. Kigo Charles N..
15. **A Study of the Appendicular Masses** as seen and managed at KNH, 2000
By Dr. Kavoo P. Kilonzo.
16. **Serum Pottassium and Sodium Derrangement in the Bowel Preparation with Polyethylene Glyco “Peglec prior to elective colorectal surgery at Kenyatta National Hospital.** Dr. Philomena Kipkemoi Too 7. 12.12

DESSERTATIONS MARKED FOR FINAL MMED

1. **Outcome of Foam versus Gauze Dressing in Negative Pressure Wound Therapy** for the Management of Acute Transmaumatic Wounds with soft Tissue loss at Kenyatta National Hospital. Nov, 2012 by Ondieki Julius.
2. **Management of Electrical Burn Injuries** at Kenyatta National Hospital. A Retrospective & Prospective Study. April 2011 by Dr. Paul Njugu.
3. **Symptomatic and Moflometry outcome of Transulosis and Distended Combination** in Management of Benign Hypertrophy in the black race at Kenyatta National Hospital. May 2012.

PUBLICATIONS

“Congenital Infantile Hypertrophic Pyloric Stenosis” as seen at KNH. Dessertation submitted for the Award of Masters in Medicine (Surgery) 1984, University of Nairobi.

“Congenital Infantile Hypertrophic pyloric Stenosis;” Medicus 1985.

Peer-Reviewed Publications

1 “Small Bowel Atresia;” East Africa Medical Journal (EAM.J); 70; no 9 Sept, 1993 pg 558-564; by S.M. Barrack, **J. Ndung’u**, N. Wachira, G. Anangwe and S. Safwart.

2 “Acute Appendicitis” in the African Children; EAMJ ; vol. 71 no. 5; May 1994; pg 277-278; by **J.M. Ndung’u**.

3 “Blunt Abdominal Trauma in children” at Kenyatta National Hospital. R.K. Tenge and **J.M. Ndung’u**. East African Medical Journal Vol. 76, 1999. p. 580

4 “Bowel Function Following Posterior Sagittal Repair of Anorectal Malformations” in Kenyatta.

National Hospital. East Africa Medical Journal .

5. “Four-Country surveillance of intestinal intussusception and diarrhea in children”. Shally Awasthi, Girdhar G. Agarwa, Vikas Mishra, Vijay Laxmi nag, Hesham Fathey El Sayeed, Antonio Jose Ledo da Cunha, Alvaro Madeiro, Dity Jain, Willian M. Macharia, **James Ndung’u**, Saumya Awasthi and Ashis Wakhlu. Journal of Paediatrics and Child Health(2009) p 1-5. **Research and Publications**

6. Wilms Tumor Survival Analysis In Kenya. Axt, Jason; Abdallah, Fatmah; Axt, Meridith; Githanga, Jessie; Hansen, Erik; Lessan, Joel; Li, Ming; Musimbi, Joyce; Mwachiro, Michael; Newton, Mark; Ndung’u, James; Njuguna, Festis; Nzioka, Acent; Oruko, Oliver; Patel, Kirtika; Tenge, Robert; Ukoli, Flora; White, Russel; O’Neill, James; Lovvorn, Harold. Journal of Pediatric Surgery (submitted)– July 2012

Accepted Abstracts

1. 2012 AAP, National Conference and Exhibition, October 2012, New Orleans, LA

- Wilms Tumor Survival Analysis in Kenya. Axt, J., Abdallah F., Axt, M., Githanga, J., Hansen, E., Lessan, J., Musimbi J., Mwachario, M., Newton, M., **Ndung’u, J.**, Njuguna, F., Nzioka, A., Oruko, O., Patel, K., Tenge, R., White, R., O’Neill, J., Lovvorn, H III.

2. ACS 98th Annual Clinical Congress, September 30 – October 4, 2012, Chicago, IL

- Effect of Enrollment in the Kenyan National Hospital Insurance Fund on Participation in and Survival From Wilms Tumor Therapy. Jason R Axt, MD, Meridith D Axt, RN, Oliver Oruko, RN, Fatmah K Abdallah, MB, BCh, **James Ndung’u, MB, BS**, Jessie Githanga, MB, BS, Harold N Lovvorn, MD, FACS, FAAP.

Research Support

Current

- Molecular Analysis of Ethnic Variations in Wilms' Tumor
 - National Institute of Health: R-21: 1 R21 CA155946-01
 - Role: Resident Investigator
 - \$377,197

BOOKS.

Written a chapter,30 Page 481-501

Common Surgical Problems” CHILD HEALTH,

A manual for medical and health in the health centres and rural hospitals. Editors; Paget Stanfield, Nimrod Bwibo. AMREF 3rd edition.

PAPERS READ.

1. 1985 **Congenital Infantile Pyloric Stenosis**, Kenya Medical Association Scientific Meeting in 1985 held in Kisumu.
2. 1985 Presented two cases of Wilm's tumor at Advanced Tumor Chemotherapy courses at a Kenya Medical Research Institute .
3. 1986 **Management of Umbilical Hernia in the African Child.** Paper read before the Kenya association of Paediatricians .
4. 1988 **Management of Tracheal Esophageal Fistula/Atresia at KNH.**
Paper read before the 1st Pan African Congress of Paediatric Surgeons in Nairobi
5. 1989 **Case reports and discussion** ODTS meeting in London
Vesico-Ureteric Reflux
 - Chronic Intestinal Pseudo-Obstruction.
 - Kasai Portoenterostomy.
6. 1994 **Problems in the management of Tracheoesophageal**
Fistula/Atresia at KNH. Read at the 1st Scientific meeting of the Kenya Association of Anaesthetists.
7. 1995 **Gastroesophageal Reflux in Kenyan Children,**
Read at the meeting of Association of Surgeons of Easter Africa (ASEA) in Nakuru.
8. 1996 **Anorectal Malformations, Changing Trends** ASEA meeting at Nyeri.
9. 1998 **Post-Operative Intussusception** at ASEA meeting Machakos
- 10.2000, August **Biliary Atresia** presented at Kenya Paediatric Association Naivasha.
11. September, 2001 **Gastroesophageal Reflux disease as seen in Nairobi.**
Presented at K.P.A. Mombasa.
12. September, 2002 **Gastroesophageal Reflux Disease in Nairobi** presented at the 8th International Scientific Conference in Nairobi.

13. September, 2002 **Post-Operative Intussusception** presented at the 8th International Scientific Congress in Nairobi.
14. Surgical **Advances in the Management of Wilm's Tumors read at the 8th International scientific Conference: Aga Khan Hospital**
15. October 2003 **Surgical Aspects of Posteroir Urethral Valves** read at the Pan African Congress of Radiologists.
16. October 2003 **Obstructive Uropathy: "Management of private cases as seen in Nairobi."** Read at the Kenya Paediatric Association
- 17 July 2012 **Posterior Urethral Valves. Management in a resource poor Setting."** Read at the Kenya Association of Urological Surgeons & Urological Society of India-West Zone meeting in Nairobi.

CONFERENCE AND SEMINARS ATTENDED.

- 1985 Annual Scientific meeting of KMA at Kisumu
- 1985 Course in Advanced tumor Chemotherapy organized by KEMRI.
- 1985 Scientific meeting of the Kenya Association of Paediatricians.
- 1986 1st Pan African congress of Paediatric Surgeons.
- 1988 British Association of Paediatric Surgeons (BAPS)
- 1989 British Association of Paediatric Surgeons (BAPS) meeting in UK.
- June 1989 Simpson Smith Symposia in Operative Surgery, "The Way I Do It."
- January 1990 Liver Diseases in Children in Burmingham.
- 1994 1st Scientific meeting of Kenya Association of Paediatricians.
- 1994 1st Scientific meeting of the Kenya Association of Anaesthetists.
- 1995 BAPS meeting UK
- March 18-19, 1997 International Workshop on Medical Science Writing, Editing and Peer Review.

August 2001	Kenya Association of Paediatricians at Mombasa 5 th August to 8 th August, 2001.
March 26 th -29 th , 2002	International Congress East African Paediatric Surgery at Benha Children's Hospital in Cairo, Egypt.
September 4 th -6 th , 2002	8 th International Scientific Conference at The Aga Khan University Hospital, Nairobi.
November 16 th -18 th , 2005	21 st Annual Meeting of the Egyptian Pediatric Surgical Association (EPSA) In collaboration with 5 th Biennial Congress of Pan African Pediatric Surgical Association (PAPSA) at Alexandria, Egypt.
February 25 th -27 th , 2009	Paediatric Anorectal Surgical Meeting, Addis Ababa, Ethiopia.
March 19 th – 23 rd , 2012	PAPSA Biannual Scientific Conference, Cape Town, South Africa.

SPECIAL COURSES

1. **Advanced Life Support Course** Kenyatta National Hospital, 1988 Conducted by Alexander Haller of Boston University USA
2. **Advanced Paediatric Life Support**, Nairobi Kenya. Joint Project between The Johns Hopkins Hospital and Kenyatta National Hospital, November 17 – 19, 1992.
3. **Management of Anorectal malformations course** conducted by Prof. A. Pena. Sponsored by UoN and SACOW(Surgical Aid to the Children of the World) 1992
4. **Urology Course** held in Moshi, Tanzania 1998. Joint Project between Institute of Urology, University of London and Institute of Urology of Eastern Africa.
4. **Advanced Life Support Course**, Kenyatta National Hospital, 21st January 2009, 20th June, 2009, Aga Khan University Hospital, January, 2009.

MEMBERSHIP

I am a member of the following associations:

- Kenya Medical Association (KMA).
- Association of East African Surgeons (ASEA).
- Founder member of the Pan African Congress of Paediatric Surgeons.
- Founder member of Pan African Association of Kenya Gastroenterologists.
- Founder member of Kenya Paediatric Surgeons.