

CURRICULUM VITAE

1. PERSONAL DATA:

- a) **Name:** Musa Ibrahim Z;
b) **Date of birth:** 1st May 1969;
c) **State:** Kano State, Nigeria;
d) **Nationality:** Nigerian.
e) **Correspondence address:** Department of Surgery, Children and NeuroEmergency Surgical Units, Murtala Mohammad Specialist Hospital, Kano, Nigeria./ **PSC Prime Specialist Hospital, Kano, Nigeria.**
E-mail: zarenawal@yahoo.com;
Telephone- +2348073398419;

Languages spoken: Hausa, English, Kazakhs and Russian.

2. EDUCATION & SCHOOLS ATTENDED WITH DATES:

- 1977-1980:** Zarenawa Primary School, Birnin-Kudu, Jigawa State, Nigeria;
1980-1983: Ringim Secondary School, Jigawa State, Nigeria;
1983-1985: Dawakin-Tofa Science Secondary School, Kano, Nigeria;
1985-1987: School of Basic Studies (CAS) Kano, Nigeria;
1988-1996: Medical Student, Alma-Ata Medical Institute, Republic of Kazakhstan;
1996-1997 (4 months): Re-orientation course for Nigerian Medical and Dental Council of Nigeria examination at University of Benin Teaching Hospital, Benin city, Nigeria;
1997-1998: House Officer, Murtala Mohammad Specialist Hospital, Kano, Nigeria;
1999-1999 (4 months): Medical Officer, Department of Obstetrics and Gynaecology, Murtala Mohammad Specialist Hospital, Kano, Nigeria;
1999-2000 (6 months): Medical Officer, Accident and Emergency Unit, Murtala Mohammad Specialist Hospital, Kano, Nigeria;
2000-2001: Medical Officer, Ear/Nose and Throat (ENT) Unit, Murtala Mohammad Specialist Hospital, Kano, Nigeria;
2001-2006: Registrar in Paediatric surgery, Syzganov Scientific Centre of Surgery, Almaty, Republic of Kazakhstan;
2003-2007: Research fellow and PhD candidate, A.N. Syzganov Scientific Center of Surgery, Almaty Kazakhstan;
2007 (6 months): Topical course on Pediatric Neuro-surgery. 7th Central Hospital and Post-graduate School – Almaty, Republic of Kazakhstan;
2010-2012: Post-Doctorate Sub-specialization on Neuro-surgery, Astana, Republic of Kazakhstan;
2012-to date: Head of Department Accident and Emergency (A&E) Murtala Mohammad Specialist Hospital, Kano, Nigeria;

3. QUALIFICATIONS WITH DATES:

- | | | |
|--|---|-------|
| 1. Primary School Certificate- | - | 1980; |
| 2. Science Secondary School Leaving Certificate- | - | 1985; |
| 3. MD “General Medicine” | - | 1996; |
| 4. Specialist Certificate in General Paediatric Surgery, | - | 2006; |
| 5. Doctor of Philosophy (PhD) in Surgery | - | 2007; |
| 6. Specialist Certificate in General NeuroSurgery | - | 2012; |

- 7. Fellow, West African College of Surgeons - 2018;
- 8. Fellow, Endoscopic Spine Surgery. - 2020.

4. WORKING EXPERIENCE:

- House Officer, Murtala Mohammad Specialist Hospital, Kano, Nigeria 1997-1998;
- Medical Officer, Murtala Mohammad Specialist Hospital, Kano, Nigeria 1999-2001;
- Registrar/Assistant lecturer, A.N. Syzganov Scientific Centre of Surgery, Almaty, Republic of Kazakhstan-2001-2003;
- Scientific research fellow/registrars/Assistant Lecturer in pediatric surgery unit at A.N. Syzganov Scientific Center of Surgery, Almaty, Kazakhstan -2003-2006;
- Pediatric Surgical Specialist, Murtala Mohammad Specialist Hospital, Kano 2007-2009;
- Resident/Research fellow/part time lecturer in pediatric Neurological sciences -National Neuro-Surgical Research Centre, Astana, Republic of Kazakhstan 2010-2012;
- Specialist Pediatric and Neuro Surgeon, Murtala Mohammad Specialist Hospital, Kano 2012 to date;
- Medical Director, PSC Prime Specialist Hospital, Kano 2015 to date.

5. TEACHING EXPERIENCE:

- **2003-2004** Assistant Lecturer, A.N. Syzganov Scientific Centre of Surgery, Almaty, Republic of Kazakhstan;
- **2005-** Research and lecture organization on Paediatric Topographical Anatomy with special attention to Intra-Thoracic organs, A.N. Syzganov Scientific Center of Surgery, Almaty, Republic of Kazakhstan;
- **2006-** Lecture delivering to final year medical students on “Pectus Excavatum”, A.N. Syzganov Scientific Centre of Surgery, Almaty, Republic of Kazakhstan;
- **2007-** Surgical Skill course to final year medical students, A.N. Syzganov Scientific Center of Surgery, Almaty, Kazakhstan;
- **2008-2010** –Clinical ward rounds and topical discussions with House Officers and Medical Officers, Murtala Mohammed Specialist Hospital, Kano, Nigeria;
- **2012 to date** –Clinical ward rounds and surgical skill development, Murtala Mohammad Specialist Hospital, Kano, Nigeria

6. SPECIAL INTERESTS AND EXPERIENCES:

1. Hydrocephalus surgery in children;
2. Neural tube defects surgeries in children;
3. Chronic constipation and faecal incontinence in children;
4. Hepato-biliary reconstruction due to Choledochal cyst;
5. Ano-rectal anomalies;
6. Trans-Anal pull through;
7. Surgical infections;
8. Hypospadiasis repairs;
9. Paediatric Traumatic Brain and Spinal Injuries;
10. Paediatric Burn Injury and Skin grafting;
11. Photo and Laser Medicine;
12. Spinal and cranio-spinal junction surgery in children;
13. Cleft lips and palatal surgery;
14. Research Interest on Congenital Anterior Abdominal Wall Defects;

15. Intra-Abdominal Masses In Children;
16. Paediatric Thoracic Surgery;
17. Paediatric Minimal Invasive Surgery;
18. Pediatric Modern Diagnostic Imaging Evaluations and applications;
19. BioStatistics and Data analysis,
20. Degenerative spine diseases,
21. Emergency cranial surgeries,
22. Endoscopic Brain and Spine Surgeries.

7. PUBLICATIONS:

7.1 JOURNAL/CONFERENCE PAPERS

1. Arynov N.M., Shirtaev B.K., Kojabergenov A.B., **Ibrahim M.** (2001). Experience of treating post-surgical biliary complications in children and young adult// 23rd International congress of paediatric, Beijing, China.
2. Aliev M.A., Arynov N.M., **Ibrahim M.** (2001). Liver resection in Children//23rd International congress of paediatric, Beijing, China-
3. Arynov N.M., Shirtaev B.K., Kojabergenov A.B., **Ibrahim M.** (2001). Results of Surgical treatment in Children and young adults Dilated Choledochal Cyst// 23rd International congress of paediatric, Beijing, China.
4. **Ibrahim M.**, Mohammad A.M., Getso K.I. (2008). Effects of Low-Level Laser Rays on Skin healing after thermal injuries in paediatrics age group//7th Congress of Pan-African paediatrics Surgical Association, Accra, Ghana.
5. **Ibrahim M.**, Mohammad A.M., Getso K.I. (2008). Infection Control using Low-Level Laser rays in Children After Thermal injuries//Association of Paediatric Surgeons of Nigeria Annual conference- Jos, Nigeria.
6. **Ibrahim M.**, Mohammad A.M., Malami S., Getso K.I. (2008). Cystic Epithelial Neoplasm of the pancreas in a 5 years old female Child// Association of Paediatrics Surgeons of Nigeria Annual Conference-Jos, Nigeria.
7. **Ibrahim M.**, Mohammad A.M. (2009). None testicular intra-scrotal solid mass in children// Association of Paediatric Surgeons of Nigeria-Maiduguri, Nigeria.
8. **Ibrahim M.**, Mohammad A.M. (2009). Skin spread upon application of Low-Level Laser Rays after grafting// Association of Paediatric Surgeons of Nigeria, Maiduguri, Nigeria.
9. **Ibrahim M.**, Shehu M.D., Sule A.A. (2009). One thousand three hundred and fifty six hernia repairs and hydrocelectomies within 13 days-Our Rural experience in Kano, Northern Nigeria//West African College of Surgeons Annual Conference, Conakry, Guinea.
10. **Ibrahim M.** Mohammad A.M. (2010). Diffused peritonitis secondary to typhoid enteric perforation and a single layer closure of the perforated areas- our report in a single institutional set up// Association of Paediatric Surgeons of Nigeria, Ilorin, Nigeria.
11. **Musa Ibrahim** (2010). Non-Hirschsprung's chronic constipation in a childhood period// Association of Paediatric Surgeons of Nigeria, Ilorin, Nigeria
12. **Musa I.** Muhammad A.M. (2010). Minimally invasive surgery in a resource limited hospital-how we do it// Association of paediatric Surgeons of Nigeria, Ilorin, Nigeria.
13. **Musa Ibrahim**, Muhammad A.M. (2010). Giant encephaloceles and meningomyeloceles-our experience in a poor resource environment// Pan-African Association of Paediatric Surgeons, Dar-Es-Salam, Tanzania. Available at: <http://www.afrijaedsurg.org/text.asp?2010/7/3/217/70436>.
14. **Ibrahim Musa**, Mohammad A.M., Umar A.B. (2011). Accessory Scrotum- Three Cases In Three Years// World Federation of Association of Paediatric Surgeons, Tuzla, Bosnia Herzegovina.

15. **Musa Ibrahim** (2011). Single Incision Hand-Assisted Laparoscopic Surgery in a Resource Limited African Hospital// World Federation of Association of Paediatric Surgeons, Tuzla, Bosnia Herzegovina.
16. Baimakhanov B.B., Eshmuratov T.SH., Lukyanchenko P.P., **Musa Ibrahim**. (2004). Surgical Indications in the treatment of Pectus Excavatum// Mezhdunarodnaya konferentsiya "Zdoroviya Detei" Almaty, pp.55-58.
17. Voronov S.A., Eshmuratov T.SH., Lukyanchenko P.P. **Musa Ibrahim**. (2005). Post-Surgical period after Pectus Excavatum Repair// Sbornik, posvyashen 50-letiyu kafedri detskoi chirurgii KGMU. –Almaty, pp.62-65.
18. Voronov S.A., Eshmuratov T.SH., Lukyanchenko P.P., **Musa Ibrahim**. (2005). Surgical correction of Pectus Excavatum in Children with congenital Heart Defects// «Vesnik Chirurgii Kazakhstana», № 3, pp.91-92.
19. **Musa Ibrahim**. (2003). Surgical Treatment of assymetrical form of Pectus Excavatum// Sbornik Nauchix Trudov po materialam mezhdunarodnoi konferentsii "Pediatriya v Kazakhstane" –Almaty, pp.270-272.
20. **Musa Ibrahim**. (2005). Surgical Results of Pectus Excavatum.// Meditsinskii Zhurnal Kazakhstana, № 9, pp.19-21.
21. **Musa Ibrahim**. (2005). ThoracoSternoplasty in Pectus Excavatum in Children and young adults.// Oncologiya I Radiologiya Kazakhstana, №2(11), pp.111-115.
22. **Musa Ibrahim**, Getso KI, Yashuwa AH, Mohammad AM, Anyanwu L. Single layer closure of typhoid enteric perforation: our experience. Afr J Paediatr Surg 2013;10:167-71;
23. **Musa Ibrahim**, Getso K. Ibrahim, Mohammad A. Mohammad, Sani Malami, Ali Bala Umar, Akhparov N. Nurkenovich, Aipov R. Rassulbek. Lymphoepithelial cyst of the pancreas in female children-report of two cases. J Pediatr Surg 2012;47:E51-54;
24. **Musa Ibrahim**, Ibrahim GK, Mohammad AM, Aji SA, Umar AB, Nurlan AN, et al. Calcinosis of the scrotum in children: report of two cases and review of the literature. Arch Int Surg 2013;3:142-6;
25. **Musa Ibrahim**, Mu'azu A Ladan, Binta J Wudil, Mohammad A Mohammad, Ali B Umar, Shehu Umar, Kefas J Bwala, Akhparov N Nurkenovich, Rassulbek R Aipov. Carcinoma of the colon in children with metastases to the duodenum: report of two cases and management reflections. J Ped Surg Case Reports 2014; 2:133-140.
26. **Musa Ibrahim**, Kabiru Ibrahim Getso. Burden of congenital inguinal hernia and hydrocele in northern and southern Nigeria: an opportunity for awareness creation. Afr J Paediatr Surg 2014;11:312-6.
27. **Musa Ibrahim**, Adamu Ladan Mu'azu Nura Idris, Musa Uba Rabi, Binta Wudil Jibir, Kabir Ibrahim Getso, Mohammad Aminu Mohammad, Femi Luqman Owolabi. Menace of childhood non-accidental traumatic brain injuries: a single unit report. Afr J Paediatr Surg 2015;12:23-8.
28. **Musa Ibrahim**, Kabiru Ibrahim Getso, Mohammad Aminu Mohammad, Nurlan Nurkenovich Akhparov, Rassulbek Rakhmanberdievich Aipov. Herniotomy in resource-scarce environment: comparison of incisions and techniques. Afr J Paediatr Surg 2015;12:45-50.
29. Mohammad MA, Chukwuemeka AL, Aji SA, Tukur J, Diggol GI, **Ibrahim M**. Intravesical migration of gossypiboma following vaginal hysterectomy: An unusual cause of acute urinary retention. Arch Int Surg 2014;4:176-9.
30. Anyanwu LJC, Mohammad AM, **Ibrahim M**. Barium stone formation in the vagina of a child with persistent cloaca following a distal colostogram. J Exp Clin Anat 2015;14:47-9.
31. **Ibrahim M**, Ladan MA, Abdussalam US, Getso KI, Mohammad MA, Chukwuemeka AL, et al. Open inguinal herniotomy: Analysis of variations. Afr J Paediatr Surg 2015;12:131-5.

32. Owolabi LF, Ibrahim A, **Ibrahim M.** Infratentorial posterior circulation stroke in a Nigerian population: Clinical characteristics, risk factors, and predictors of outcome. *J Neurosci Rural Pract* 2016;7:72-6.
33. **Ibrahim M.** (Response to the Letter to the Editor): Congenital Hernias and Hydrocele: Importance of Age. *Afr J Paediatr Surg* 2016;13:54-5.
34. **Ibrahim M.** Nasiru J Ismail, Mohammad A Mohammad, Hassan Ismail, Misbahu H Ahmed, Owolabi L Femi, Mohammed A Suwaid. Managing fecal incontinence in patients with myelomeningocele in Sub-Saharan Africa: Role of Antegrade Continence Enema (ACE). *J Pediatr Surg* 2016; DOI: <http://dx.doi.org/10.1016/j.jpedsurg.2016.08.014>;
35. **Ibrahim M.** Perspectives and Prospects of Endoscopic Spine Surgery in Nigeria: Nigerian Spine Society 15th May, 2020, live webinar;
36. **Ibrahim M.** An Advanced Motion Preserving Cervical Disc Replacement in Nigeria: Global Best Practice in Resource Limited Setting: Nigerian Spine Society 26th June, 2020, live webinar.
37. Kolo E.S., Hassan I., **Ibrahim Musa.**, Misbahu A.H., Adamu A., Ismail N.J, et al. Early outcome of endoscopic trans-nasal trans-sphenoidal pituitary surgery in Kano, Nigeria. *Niger J Basic Clin Sci* 2020; 17:145-50.

7.2 POSTER PRESENTATIONS:

1. **Musa Ibrahim.** Diagnostic algorithm and surgical treatment of chronic constipation in children// Pan-African Association of paediatric Surgeons, Dar-Es-Salam, Tanzania-2010.
2. **Musa Ibrahim** –Intrascrotal None Testicular Tumours of Childhood –World Federation of Association of Paediatric Surgeons, Tuzla, Bosnia Herzegovina -2011.

7.3. SCIENTIFIC PATENTS:-

1. **Ibrahim M.**, Aliev M.A., Voronov S.A. Arynov N.M., Lukyanchenko P.P. Scientific Patent on innovation on scientific intellectuals of the Republic of Kazakhstan № 12148 PK of 18th October, 2001 «Method of Sterno-plasty due to pectus excavatum»;
2. **Ibrahim M.**, Aliev M.A., Voronov S.A., Arynov N.M., Lukyanchenko P.P. Scientific Patent on innovation of the Republic of Kazakhstan № 14259 PK of 4th February, 2003 «Method of Surgical correction of Asymmetrical forms of Pectus Excavatum».

8. MEMBERSHIP OF PROFESSIONAL AND SCIENTIFIC ASSOCIATIONS:

1. Kazakhstan Association of Pediatric Surgeons;
2. Pan-African Paediatric Surgical Association PAPSA;
3. Scientific Research Ethical Committee, Hospitals Management Board Kano, Nigeria;
4. Association of Paediatric Surgeons of Nigeria (APSON);
5. Reviewer, *Journal of Pancreas* -2013 to date;
6. Reviewer, *Annals of Pediatric Surgery* -2012 to date;
7. Assistance Secretary General, Association of Paediatric Surgeons of Nigeria (APSON) -2014,
8. Nigerian Spine Society,
9. Member, AO Spine.

9. COURSES ATTENDED:

- ❖ Fundamentals of research and bio-statistical evaluations of research materials, Almaty, Republic of Kazakhstan-2003.
- ❖ Fundamentals of computer operations with special attention to modernization and trouble shooting handling, database creations, evaluation and presentations, Almaty, Republic of Kazakhstan-2004;
- ❖ Bio-statistics- Almaty, Republic of Kazakhstan-2006;
- ❖ Fundamentals of Research and Carrier Development Course, Abuja, Nigeria -2009;
- ❖ British Association of Paediatric Surgeons Surgical Skills, Korle-Bu, Accra, Ghana-2008;
- ❖ Therapeutic Endoscopic workshop, Kano, Nigeria-2008;
- ❖ International Course in operative paediatric urology, Sokoto, Nigeria -2009;
- ❖ Hypospadiasis repairs, Maiduguri, Nigeria-2009;
- ❖ Paediatric Anorectal and Colorectal Surgical Problems in Association with Cincinnati, USA at Korle-Bu, Accra, Ghana-2010;
- ❖ World Federation of Neurosurgeons Educational Course, Astana, Republic of Kazakhstan -2011;
- ❖ Workshop “Pediatric Neuro Rehabilitation” Astana, Republic of Kazakhstan -2011;
- ❖ Paediatric Neurosurgery (18 months course) with special interest on Paediatric Neuro-Endoscopy, Republican Neurosurgical & Research Centre, Astana, Republic of Kazakhstan – August, 2012;
- ❖ ICRC Seminar on surgical skills for casualties of armed violence, Abuja-2013,
- ❖ Workshop “World Federation of Neurosurgeons Educational Course”: Spine, Pituitary and Aneurysm, Abuja, Nigeria 2018.
- ❖ Workshop “International Endoscopic Spine Surgery & Minimally Invasive Spinal Treatments, Turkey, Istanbul 26-28th April, 2019;
- ❖ Seminar & Workshop Unilateral Biportal Endoscopy, Bursa, Republic of Turkey, 5-7th September, 2019;
- ❖ Workshop Minimally Invasive and Mindful Brain Surgery, Matera/Potenza, Italy, 12-13th September, 2019;
- ❖ CESS SHOT Fellowship: Endoscopic Spine Surgery (Online). Centre for Endoscopic Spine Surgery, Miraj, India 6th June, 2020 to 23rd August, 2020;

10. PARTICIPATION IN VOLUNTARY SURGICAL OUTREACH PROGRAMMES:

- ✓ **2007**-Kano State free hernia campaign for the rural populace (Rano General Hospital, Kano State, Nigeria);
- ✓ **2010**-West African College of Surgeons pre-conference free surgical outreach program for the rural populace (Ogoja General Hospital, Cross Rivers State, Nigeria);
- ✓ **2010**-Kano State free plastic surgery for facial deformity in conjunction with German teams (Murtala Mohammad Specialist Hospital, Kano, Nigeria);
- ✓ **213**-Kano State free surgical outreach program for the rural populace (Kura General Hospital, Kano, Nigeria).

11. HOBBIES: Reading, Photography and Cameras, Swimming and Travels.