

Prof. Zahida P Qureshi

Department of Obstetrics and Gynaecology
School of Medicine
College of Health Sciences
P.O. Box 19676-00202
Nairobi
Kenya

Telephone

Department 2726300 Ext. 43372 or 2726360
Mobile: 0733605140 or 0721310750

Permanent Address

P.O. Box 47625-00100, Nairobi
Email: qureshi@uonbi.ac.ke or zahida@qureshi.co.ke

Prof. Zahida P Qureshi
P.O BOX 47625-00100 Nairobi
TELEPHONE: 2726300 Ext. 43372 or 2726360
EMAIL: zahida@qureshi.co.ke or qureshi@uonbi.ac.ke

EDUCATION BACKGROUND

- 1990:** Masters of Medicine in Obstetrics and Gynaecology, University of Nairobi (Kenya)
1982: Bachelor of Medicine and Bachelor of Surgery, University of Karachi (Pakistan)
1973: A levels, Jamhuri High School
1971: O Levels, St Teresa's Girls School
1967: Certificate of Primary education, Government Road Primary School

WORK EXPERIENCE

- 2012 to date:** Associate Professor, Department of Obstetrics and Gynaecology, University of Nairobi
- 2012 to 2015:** Chairperson, Department of Obstetrics and Gynaecology, University of Nairobi
- 2005 - 2012:** Senior Lecturer, Department of Obstetrics and Gynaecology, University of Nairobi
- 1993 - 2005:** Lecturer, Department of Obstetrics and Gynaecology, University of Nairobi
- 1990 - 1993:** Specialist, Obstetrics and Gynaecology, Machakos General Hospital
- 1986 - 1990:** Senior Medical Officer, Obstetrics and Gynaecology at Kenyatta National Hospital while working towards the M.Med degree
- 1984 - 1986:** Medical Officer, Casualty – Kenyatta National Hospital
- 1983 - 1984:** Internship, Kenyatta National Hospital

A. BOOK CHAPTERS

- 1) **Qureshi Z**, Murage A. Development of Basic Obstetric Theater Facility in a Low-resource Setting. In: Coomarasamy A, Shafi MI, Davila GW, et al, eds. *Gynecologic and Obstetric Surgery Challenges and Management Options*. 1st ed. West Sussex: John Wiley & Sons, 2016. Chapter 167: p.499-501.

B. INTERNATIONAL JOURNALS

1. Publications

1. Obimbo MM, Zhou Y, McMaster MT, Cohen CR, Qureshi Z, Ong'ech J, Ogeng'o JA, Fisher SJ. **Placental Structure in Preterm Birth Among HIV-Positive Versus HIV-Negative Women in Kenya**. *JAIDS Journal of Acquired Immune Deficiency Syndromes*. 2019 Jan 1;80(1):94-102.
2. Danielly S. Santana, Carla Silveira, Maria L. Costa, Renato T. Souza, Fernanda G. Surita, João P. Souza, Syeda Batool Mazhar, Kapila Jayaratne, Zahida Qureshi, Maria H. Sousa, Joshua P. Vogel, José G. Cecatti and on behalf of the WHO Multi-Country Survey on Maternal and Newborn Health Research Network **Perinatal outcomes in twin pregnancies complicated by maternal morbidity:evidence from the WHO Multicountry Survey on Maternal and Newborn Health** *BMC Pregnancy and Childbirth* (2018) 18:44
<https://doi.org/10.1186/s12884-018-2082-9>
3. Widmer, M., Piaggio, G., Nguyen, T.M., Osoti, A., Owa, O.O., Misra, S., Coomarasamy, A., Abdel-Aleem, H., Mallapur, A.A., Qureshi, Z. and Lumbiganon, P., 2018. **Heat-Stable Carbetocin versus Oxytocin to Prevent Hemorrhage after Vaginal Birth**. *New England Journal of Medicine*. N Engl J Med August 2018; 379:743-752. DOI: 10.1056/NEJMoa1805489
4. Muhula,S., Opanga, Y., Kuyo, M., Qureshi, Z., Memiah, P. and Ndirangu M. **Use of performance dashboards in health care project management: a case of an international health development organization in Kenya**. *Africa Health Agenda International Journal*. June 2018; 1:41.
5. WHO Odon Device Research Group. **Odon device for instrumental vaginal deliveries: results of a medical device pilot clinical study** March 2018 *Reproductive Health* 2018 15:45 DOI:10.1186/s12978-018-0485-8
6. Pulei, A.N., Shatry, N.A., Sura, M.K., Njoroge, M.W., Kibii, D.K., Mwaniki, D.K., Teko, H.P., Maranga, O., Ogutu, O., Vogel, J.P. and Qureshi, Z., Mar 2018. **Updating of a clinical protocol for the prevention and management of postpartum haemorrhage at Kenyatta National Hospital, Nairobi, Kenya**. *East African Medical Journal*, 95(2).
7. Bonet M, Pileggi V N, Rijken M J, Coomarasamy A, Lissauer D, Souza J P and Gulmezoglu A M. **Towards a consensus definition of maternal**

sepsis: results of a systematic review and expert consultation

Reproductive Health 2017 14:67 DOI:10.1186/s12978-017-0321-6 January 2018 (acknowledgement for technical consultation)

8. JP. Vogel, OT. Oladapo, C Pileggi-Castro, E A. Adejuyigbe, F Althabe, S Ariff, A Idowu Ayede, AH. Baqui, A Costello, D M. Chikamata, C Crowther, B Fawole, L Gibbons, A H. Jobe, M L Kapasa¹, J Kinuthia, A Kriplani, O Kuti, J Neilson, J Patterson, G Piaggio, R Qureshi, **Z Qureshi**, M J Sankar, J S. A. Stringer, M Temmerman, K Yunis, R Bahl, A. M Gülmezoglu **Antenatal corticosteroids for women at risk of imminent preterm birth in low-resource countries: the case for equipoise and the need for efficacy trials** *British Medical Journal Global Health* 2(3):e000398 · August 2017
DOI: 10.1136/bmjgh-2017-000398 · License: CC BY 4.0
9. Shakur H, Roberts I, Fawole B, Chaudri R, El-Sheikh M, Akinatan A, **Qureshi Z**, Kidanto H, Vwalika W, Abdulkadir A, Etuk S, Noor S, Asonganyi E, Alfirevic Z, Beumont D, Ronsmans C, Sabaratnam A. **Effect of early tranexamic acid administration on mortality, hysterectomy, and other morbidities in women with post-partum haemorrhage(WOMAN): an international randomised, double-blind, placebo-controlled trial.** *Lancet*
DOI: [http://dx.doi.org/10.1016/S0140-6736\(17\)30638-4](http://dx.doi.org/10.1016/S0140-6736(17)30638-4)
10. Motomura K, Ganchimeg T, Nagata C, Ota E, Vogel JP, Betran AP, Torloni MR, Jayaratne K, Jwa S, Mittal S, Recidoro Z, Matsumoto K, Fujieda M, Nafiou I, Yunis K, **Qureshi Z**, Souza JP, Mori R. **Incidence and outcomes of uterine rupture among women with prior caesarian section: WHO Multicountry survey on Maternal and Newborn Health**
Scientific reports DOI:10.1038/srep 44093
11. Edgardo Abalos, Aniekana Abasiattai, Linda Bartlett, Fernando Bellissimo Rodrigues, Arri Coomarasamy, Maria Fernanda Escobar Vidarte, Carlos Füchtner, Asmae Khattabi, David Lissauer, **Zahida Qureshi**, Sadia Shakoore, Claudio G Sosa, and Jos van Roosmalen **The Global Maternal and Neonatal Sepsis Initiative: a call for collaboration and action by 2030**
www.thelancet.com/lancetgh Vol 5 April 2017 e390
[http://dx.doi.org/10.1016/S2214-109X\(17\)30020-7](http://dx.doi.org/10.1016/S2214-109X(17)30020-7)
12. Njoroge MW, Michoma PM, **Qureshi Z**. **Term pregnancy in breech presentation in a unicornuate uterus: a case report** *J. Obst. Gynae. East Central. Afr.* June 2016 28(1) 18-19 *Journal published Feb 2017*
13. Hofmeyr J, **Qureshi Z**. **Preventing deaths due to haemorrhage.** *Best Practice & Research Clinical Obstetrics & Gynaecology* Elsevier, October 2016. Volume 36 (The authors were invited by the Editor-in-Chief Professor Arulkumaran to write this publication whose theme is “Ending preventable maternal and newborn deaths”) <http://dx.doi.org/10.1016/j.bpobgyn.2016.05.004> (**Invited review article for special edition**)

14. Q.Long,OT Oladapo, S Leathersich, JP Vogel, G Carroli, P Lumbiganon, **Z Qureshi**, AM Gulmezoglu: on behalf of the WHO Multicountry Survey on Maternal and Newborn Health Research Network. **Clinical practice patterns on the use of magnesium sulphate for treatment of pre-eclampsia and eclampsia: a multi-country survey.** *BJOG* 2016; DOI: [10.1111/1471-0528.14400](https://doi.org/10.1111/1471-0528.14400).
15. Santana, Danielly S. MD; Cecatti, José G. PhD; Surita, Fernanda G. PhD; Silveira, Carla PhD; Costa, Maria L. PhD; Souza, João P. PhD; Mazhar, Syeda B. MD; Jayaratne, Kapila MD; **Qureshi, Zahida** MD; Sousa, Maria H. PhD; Vogel, Joshua P. MD; on behalf of the WHO Multicountry Survey on Maternal and Newborn Health Research Network. **Twin Pregnancy and Severe Maternal Outcomes: The World Health Organization Multicountry Survey on Maternal and Newborn Health.** *Obstet Gynecol* April 2016 - Volume 127 - Issue 4 - p 631–641 doi: 10.1097/AOG.0000000000001338
16. Widmer M, Piaggio G, Abdel-Aleem H, Carroli G, Chong YS, Coomarasamy A, Fawole B, Goudar S, Hofmeyr GJ, Lumbiganon P, Mugerwa K, Nguyen TM, **Qureshi Z**,Souza JP, Gülmezoglu AM. **Room temperature stable carbetocin for the prevention of postpartum haemorrhage during the third stage of labour in women delivering vaginally: Study protocol for a randomized controlled trial.** *Trials.* 2016 Mar 17;17(1):143. doi: 10.1186/s13063-016-1271-y.
17. Obimbo MM, **Qureshi Z.** **Communication in obstetrics: where and when it matters.** *J. Obst. Gynae. East Central. Afr.* Dec 2015, 27(2) 45-27 Published Jan 2017
18. B.O. Okusanya, O.T. Oladapo, Q. Long, P. Lumbiganon, G. Carroli, **Z. Qureshi**, L. Duley, J.P. Souza, A.M. Gulmezoglu. **Clinical pharmacokinetic properties of magnesium sulphate in women with pre-eclampsia and eclampsia.** *BJOG.* 2016 Feb;123 (3):356-66. doi: 10.1111/1471-0528.13753. Epub 2015 Nov 24
19. J. P. Vogel, A. P. Betrán, N. Vindevoghel, J. P. Souza, M. R. Torloni, J. Zhang, O. Tuncalp, R. Mori, N. Morisaki, E. Ortiz-Panoso, B. Hernandez, R. Pérez-Cuevas, **Z. Qureshi**, A. M. Gülmezoglu, M. Temmerman. **Use of the Robson classification to assess caesarean section trends in 21 countries: a secondary analysis of two WHO multicountry surveys.** *Lancet Glob Health*, 2015. Published online April 10, 2015 [http://dx.doi.org/10.1016/S2214-109X\(15\)70111-7](http://dx.doi.org/10.1016/S2214-109X(15)70111-7)
20. A. Osofi, G. N. Gwako, B. Liyayi and **Z. P. Qureshi** **Distinguishing Intrauterine Fetal Demise versus Abdominal Pregnancy in Low Resource Settings, A Case Report.** *East Afr. Med. J.*, 2015,92 (2)93-96
21. J.P.Souza, M.Widmer, A.M.Gülmezoglu, T.Lawrie, E.A.Adejuyigbe,G.Carroli, C.Crowther, S.Currie, T Dowswell, J.Hofmeyr, T.Lavender, Joy Lawn, Silke Mader, F.Eulógio, Martinez, K. Mugerwa, **Z. Qureshi.** **Maternal and perinatal health research priorities beyond 2015: an international survey and**

prioritization exercise. *Reproductive Health* 2014, 11:61
<http://www.reproductive-health-journal.com/content/11/1/61>

22. Ndegwa SW, Gichuhi JW, **Qureshi Z**, Lubano K. **The effect of two levels of counselling on acceptance, uptake and early outcomes of post-placental intra-uterine contraceptive device.** *East Afr. Med. J.*, 2014; Dec 91 (12) 449 – 56.
23. Joshua P Vogel, João Paulo Souza, A Metin Gülmezoglu, Rintaro Mori, Pisake Lumbiganon, **Zahida Qureshi**, et al for the WHO Multi-Country Survey on Maternal and Newborn Health Research Network. **Use of antenatal corticosteroids and tocolytic drugs in preterm births in 29 countries: an analysis of the WHO Multicountry Survey on Maternal and Newborn Health.** *The Lancet* Volume 384, Issue 9957, 22–28 November 2014, Pages 1869–1877. Published Online August 13, 2014 [http://dx.doi.org/10.1016/S0140-6736\(14\)60580-8](http://dx.doi.org/10.1016/S0140-6736(14)60580-8)
24. Abalos E, Cuesta C, Carolli G, **Qureshi Z**, Widmer M, Vogel JP, et al., on behalf of the WHO Multicountry Survey on Maternal and Newborn Health Research Network. **Pre-eclampsia, eclampsia and adverse maternal and perinatal outcomes: a secondary analysis of the World Health Organization Multicountry Survey on Maternal and Newborn Health.** *BJOG* 2014; 121(Suppl. 1):14–24.
25. Dragoman M, Sheldon WR, **Qureshi Z**, Blum J, Winikoff B, Ganatra B. On behalf of WHO Multicountry Survey on Maternal and Newborn Health Research Network. **Overview of abortion cases with severe maternal outcomes in the WHO Multicountry Survey on Maternal and Newborn Health: a descriptive analysis.** *BJOG* 2014; 121(Suppl. 1):25–31.
26. Souza JP, Gülmezoglu AM, Vogel J, Carroli G, Lumbiganon P, **Qureshi Z**, et al. **Moving beyond essential interventions for reduction of maternal mortality (the WHO Multicountry Survey on Maternal and Newborn Health): a cross-sectional study.** *The Lancet* 2013; 381:1747–55.
27. Gwako G, **Qureshi ZP**, Kudoyi W, Were F. **Antenatal corticosteroid use in preterm birth at Kenyatta National Hospital.** *J. Obst. Gynae. East Central. Afr.* 2013 Vol 25, No 1:3-9 journal published in June 2013
28. Ndungu Wachira, Tamooch H, **Qureshi Z.** **Prevalence of cervical cytology abnormalities among women attending antenatal clinic at Kenyatta National Hospital.** *J. Obst. Gynae. East Central. Afr.* 2011Vol 23, No 2:37-41 journal published in August 2012

29. Tonui PK, **Qureshi Z**, Ndirangu G. **Estimation of Blood loss after vaginal delivery.** *J. Obst. Gynae. East Central. Afr.* 2011 Vol 23, No 2:55-60. Journal published in August 2012
-

(Publications prior to last promotion to Associate Professor, July 2012)

30. A M Gulmezoglu, P Lumbiganon, S Landousli, M Widmer, HA Aleem, M Festin, G Carroli, , **Z Qureshi** J P. Souza, et al., **Active Management of the third stage of labour with and without controlled cord traction: a randomised controlled non-inferiority trial.** *The Lancet* 379, Issue 9827, 172-1727 5th May 2012, online 6th March 2012
31. JP Souza, A M Gulmezoglu, G Carroli, P Lumbiganon, **Z Qureshi**, WHO MCS Research Group, **The World Health Organization Multicountry Survey on Maternal and Newborn Health.** *BMC Health Services Research* 2011, 11:286 <http://www.biomedcentral.com/1472-6963/11/286>
32. Weston K., Mutiso S, Mwangi J., **Qureshi Z.P**, Beard J., Venket P. **Depression among women with Obstetric Fistula in Kenya.** *Int. J Gynecol Obstet* 2011,115:31-33
33. **Qureshi Z.P.**, Mutiso S.M. **Quality of antenatal and intrapartum care received by obstetric fistula patients during the causative pregnancy in Kenya.** *J. Obst. Gynae. East Central. Afr.* 2010; 22(2):32-38
34. Jaldesa G.W, **Qureshi Z.P.**, Kigonde C.S. **Psychosexual problems associated with Female Genital Mutilation (FGM).** *J. Obst. Gynae. East Central. Afr.* 2010; 22(1):1-6
35. **Rapid assessment of the utilization of the Partograph in Maternity units in Kenya.** **Qureshi Z**, Kigonde CS, Mutiso S. *East. Afr. Med. J* 2010;87 (6):87,235-241
36. Ndungu J.R., Amayo A., **Qureshi Z.P.**, Kigonde C.S. **Gestational Thyrotoxicosis associated with Emesis in early Pregnancy.** *East. Afr. Med. J* 2009; 86 (2) 55 – 58
37. Gulmezoglu A.M., Widmer M., Merialdi M., **Qureshi Z.P.**, Piaggio G., Elbourne D., Abdel-Aleem H., Carroli G., Hofmeyr J., Lumbiganon P., Derman D., Okong P., Goudar S., Festin M., Althabe F., Armbruster D., **Active management of the third stage of labour without controlled cord traction: a randomized non- inferiority controlled trial.** *Reproductive Health* 2009: 6:2 (21 Jan 2009)

38. Mutiso S.M., **Qureshi Z.P.**, Kinuthia J. **Emergency preparedness among antenatal clients at Kenyatta National Hospital.** *J. Obst. Gynae. East Central. Afr.* 2008; 20(1) 4 – 12
39. Mutiso S.M., **Qureshi Z.P.**, Kinuthia J. **Birth preparedness among antenatal patients.** *East Afr. Med. J* 2008; 85 (6) 275 – 283
40. Mutiso S.M., Kinuthia J., **Qureshi Z.P.** **Contraceptive use among HIV infected women attending Comprehensive Care Centre** *East. Afr. Med. J* 2008; 85(4) 171 – 177
41. Stanback J., Nakintu N., **Qureshi Z.P.**, Nasution M. **Does Assessment of Signs and Symptoms Add to the Predictive Value of an Algorithm to Rule out Pregnancy?** *Journal of Family Planning and Reproductive Health Care* 2006; 32 (1):27-29
42. Wasike C., Ndavi M., Kigonde C.S., Wanjala S.M., **Qureshi Z.P.** **Motivation for Reacceptance of Intra-dermal Implants –Norplant on Removal after using for Five Years.** *J. Obst. Gynae. East Central. Afr.* 2005;18 (1): 31-45
43. Stanback J., **Qureshi Z.P.**, Sekkade-Kigonde C. **Advance Provision of Oral Contraceptives to Family Planning Clients in Kenya.** *East. Afr. Med. J* 2002; 79(5): 257 – 258
44. Stanback J., Nutley T., Gitonga J, **Qureshi Z.P.** **Menstruation Requirements as a Barrier to Contraceptive Access in Kenya.** *East. Afr. Med. J* 1999; 76 (3): 124-126
45. Jaldesa G.W., Wanjala S.M.H., **Qureshi Z.P.**, Sekadde-Kigonde C. **Maternal Morbidity and Mortality at Garissa Provincial Hospital, 3 year retrospective Survey.** *J. Obst. Gynae. East Central. Afr.* 1998; 14 (2), 68 – 71
46. Jaldesa G.W., **Qureshi Z.P.**, Wanjala S.M.H., Sekadde-Kigonde C. **Factors Enhancing the Practice of Female Genital Mutilation among the Kenyan Somalis.** *J. Obst. Gynae. East Central. Afr.* 1998; 14 (2), 110 – 114
47. **Qureshi Z.P.**, Raassen T.J. I. P. **Vesico-vaginal fistulae occurring after total abdominal Hysterectomy.** *J. Obst. Gynae. East Central. Afr.* 1998; 14 (2), 115 – 117

48. **Qureshi Z.P.**, Solomon M.M. **Three case reports on Abdominal Pregnancy seen at Machakos General Hospital.** *J. Obst. Gynae. East Central. Afr.* 1996; 12 (1): 12 – 14
49. **Qureshi Z.P.**, Solomon M.M. **A Survey on the knowledge and attitudes of men in Machakos town towards Vasectomy.** *J. Obst. Gynae. East Central. Afr.* 1995; 11 (1): 10 – 14
50. **Qureshi Z.P.**, Sekadde-Kigonde C. B. **A Survey to determine the knowledge attitude and practice of Family Planning among the Nursing Staff of Kenyatta National Hospital.** *J. Obst. Gynae. East Central. Afr.* 1991; 9 (1): 49 – 53

C. UNIVERSITY DISSERTATION

Qureshi Z.P. Thesis for the University of Nairobi, *Master of Medicine in Obstetrics and Gynaecology, 1989.* Ultrasonic fetal femur length measurement for gestational age assessment and Knowledge attitudes and practice of family planning amongst the nursing staff of Kenyatta National hospital.

D. REPRODUCTIVE HEALTH RESEARCH ABSTRACTS

1. Sekkade–Kigonde C., **Qureshi Z.P.**, Karanja J.G., Jaldesa G.W., Kaihura D.M.M. Abstracts of Research in Reproductive Health by Department of Obstetrics and Gynaecology 1971 – 1995. Published 1996
2. Sekkade–Kigonde C., **Qureshi Z.P.**, Karanja J.G., Jaldesa G.W., Kaihura D.M.M. Abstracts of Research in Gynaecology and Family Planning by Department of Obstetrics and Gynaecology 1971 – 1995. Published 1996

E. CONFERENCE PROCEEDINGS

- 1) **Qureshi Z**, Osoti A. Maternal and perinatal morbidity and mortality in Kenya: Findings of the World Health Organization Multi-country survey(WHO-MCS) on maternal and newborn health *J. Obst. Gynae. East Central. Afr.*2015;Vol 27(2) 57 Abstract 108
- 2) Burke TF, Nelson BD, Eckardt M, Dulo L, Oguttu M, Maua J, **Qureshi Z**, Ahn R: Ultra-Low Uterine Balloon Tamponade Package for Postpartum Hemorrhage control among health provides in Kenya. *Research Forums Abstracts:Annals of Emergency Medicine* Vol 62(4S) Oct 2013 Abstract 279
- 3) **Qureshi Z.P.**, Raassen T.J.I.P. Obstetric Fistula Repair Programme of the Department of Obstetrics and Gynaecology of the University of Nairobi. Abstract published as Conference proceedings of the 1st Meeting of the East, Central and Southern Africa Association of Obstetrical and Gynaecological Societies (ECSAOGS), Uganda 1997; 269-277 Published 1998

F. RESEARCH LETTER

1. Stanback J., **Qureshi Z.P.**, Kigundu C., Gonzalez B., Nutley T. "Checklist for Ruling out Pregnancy among Family Planning Clients in Primary Care" *The Lancet Research letter* 1999; 354(9178):56

G. EDITORIALS

1. **Qureshi Z.P.** Editorial: Maternal Health. *J. Obst. Gynae. East Central. Afr* 2010; 22(2)i-iii
2. **Qureshi Z.P.** Editorial: Obstetrical emergencies in relation to millennium development goals. *East. Afr. Med. J* 2008; 85(2) 53 – 55
3. **Qureshi Z.P.** Editorial: Safe motherhood in Africa: Achievable Goal or a Dream? *East. Afr. Med. J* 2005; 82 (1):1 – 2
4. **Qureshi Z.P.** Editorial: Management of Hypertensive Disease in Pregnancy. *East. Afr. Med. J* 2002; 79(4):169-171

H. WHO REPRODUCTIVE HEALTH LIBRARY COMMENTARIES

- 1) **Qureshi Z.P.**, Lubano K. Timing of Prophylactic uterotonics for third stage of labour after vaginal delivery RHL Commentary 1 July 2011, the WHO Reproductive Health Library Geneva, World Health Organization
- 2) **Qureshi Z.P.** Bed rest in singleton pregnancies for preventing preterm birth: RHL practical aspects (last revised: 31 August 2007). *The WHO Reproductive Health Library*; Geneva: World Health Organization
- 3) **Qureshi Z.P.** Bed rest in singleton pregnancies for preventing preterm birth: RHL commentary (last revised: 31 August 2007). *The WHO Reproductive Health Library*; Geneva: World Health Organization.
- 4) Lubano K., **Qureshi Z.P.** Antihypertensive drug therapy for mild-to-moderate hypertension during pregnancy: RHL practical aspects (last revised: 8 October 2007). *The WHO Reproductive Health Library*; Geneva: World Health Organization.
- 5) Lubano K., **Qureshi Z.P.** Antihypertensive drug therapy for mild-to-moderate hypertension during pregnancy: RHL commentary (last revised: 8 October 2007). *The WHO Reproductive Health Library*; Geneva: World Health Organization

I. ACKNOWLEDGEMENTS IN PUBLICATIONS

- 1) Omotayo M O, Dickin K L, Pelletier D L et al. **Feasibility of intergrating calcium and iron-folate supplementation to prevent preeclampsia and anemia in pregnancy in primary healthcare facilities in Kenya.** *Maternal and Child Nutrition* DOI:10.1111/mcn.12437 March 2018

Supervision of M.Med Post-graduate Students Dissertation at University of Nairobi. Supervision was conducted with one or other faculty member

1. **Dr. Jayne M. Kivai** – (M.Med Clinical Medicine and Therapeutics Feb 2019)
 - Assessment of characteristics of patients with pregnancy related acute kidney injury in Kenyatta National Hospital.
2. **Dr. Deepak Parmar** – (M.Med Obs/Gyn Nov 2018)
 - Use of robson classification to compare caesarian section patterns in Kenyatta National Hospital after and before introduction of free maternity services in Kenya.
3. **Dr. Njoroge M. Wairimu**-(M.Med Obs/Gyn May 2017)
 - Pregnancy outcome of women with twin gestation delivering at Kenyatta National Hospital.
4. **Dr Lado Wani Ismail** -(M.Med Obs/Gyn May 2017)
 - Factors associated with acceptability of HIV test screening among postabortion care patients at Juba Teaching Hospital, South Sudan. A cross-sectional study
5. **Dr Gitau SM.**- (M.Med Obs/Gyn May 2017)
 - Predictors of Gestational Trophoblastic neoplasm Treatment Outcomes at Kenyatta National Hospital
6. **Dr. Hellen K Munyao** (M.Med Obs/Gyn August 2016)
 - The Incidence of Episiotomy and associated morbidity among primigravid women at Mbagathi hospital.
7. **Dr. Lusike Wamukekhe** (M.Med Obs/Gyn February 2016)
 - Randomized trial to determine the effect of intense counselling on uptake of cervical cancer screening at Kenyatta National Hospital
8. **Dr. Moses Obimbo** (M.Med Obs/Gyn February 2016)
 - Comparison of placenta structure in pre-term deliveries between HIV infected and uninfected women in Kenya
9. **Dr. Hodan Ahmed** (M.Med Obs/Gyn August 2015)
 - Influence of the indications and outcomes of previous cesarean section on planned mode of delivery in women with one previous cesarean
10. **Dr. Mishbah Kaderdina** (M.Med Obs/Gyn February 2014)
 - Quality of post-abortion care at Kenyatta National Hospital.
11. **Dr. Stephen M. Idua** (M.Med Obs/Gyn February 2014)
 - To determine the correlation between maternal malnutrition and neonatal outcomes at Mbagathi District Hospital.

12. **Dr. Boniface M. Wendo** (M.Med Obs/Gyn February 2014)
 - Barriers to uptake of long term and permanent family planning methods among HIV infected postpartum mothers in Kenyatta National Hospital.
 13. **Dr. Allan A. Ikol** (M M.Med Obs/Gyn February 2014)
 - A community survey to evaluate the level of utilization of antenatal and delivery services in Teso, Kenya.
 14. **Dr. Hussein A. Habib** (M.Med Obs/Gyn February 2013)
 - Determinants and impact of the decision-to-delivery interval for emergency caesarean section at Kenyatta National Hospital and Pumwani Maternity Hospital: A comparative study.
 15. **Dr. Virginia Musau** (M.Med Obs/Gyn February 2013)
 - Prevalence of postpartum depression at Kenyatta National Hospital.
 16. **Dr. Charlotte S. Kaliti** (M.Med Obs/Gyn August 2012)
 - Female Urinary Incontinence: Prevalence, Severity And Healthcare Provider Consultation Rate Among Outpatients at Kenyatta National Hospital.
-

(MMed students supervised prior to last promotion to Associate Professor, July 2012)

17. **Dr. Alex Bosire Nyakundi** (M.Med Obs/Gyn February 2012)
 - Screening of Gestational Diabetes Among Pregnant Women at Kenyatta National Hospital
18. **Dr. George Nyakundi Gwako** (M.Med Obs/Gyn February 2012)
 - Antenatal corticosteroid use in preterm delivery at Kenyatta National Hospital
19. **Dr Sarah Ndegwa** (M.Med Obs/Gyn February 2011)
 - Acceptability, Uptake and outcomes of Post placental Intrauterine Contraceptive Device insertion.
20. **Dr R.O Obiero** (M.Med Pathology –August 2010)
 - Maternal Thyroid Hormonal Status in Pre-Eclampsia and Eclampsia at Kenyatta National Hospital: A case control Study
21. **Dr. Enock Ondari** (M.Med Obs/Gyn February 2010)
 - Factors associated with preterm birth in KNH
22. **Dr S Ndungu Wachira** (M.Med Obs/Gyn Feb 2009)
 - Prevalence of Cervical Cytology abnormalities among pregnant women in Kenyatta National Hospital
23. **Dr Phillip Kipkirui Tonui** (M.Med Obs/Gyn Feb 2009)
 - Blood Loss estimation after vaginal delivery

24. **Dr Joaquim Ogindo** (M.Med Obs/Gyn August 2008)
- Correlation of Clinical Features of Urinary Tract Infection in Pregnancy with Isolation of Uropathogens
25. **Dr Mutiso Musyoki** (M.Med Obs/Gyn February 2007)
- A study on knowledge, attitude and use of contraception among HIV infected women attending comprehensive care centre at Kenyatta national hospital
 - Birth preparedness and complication readiness among antenatal clients at Kenyatta national hospital
26. **Dr SM Ndiangui** (M.Med Human Pathology 2006)
- Serum Homocystine and Lipid Profile in Pre-eclamptic patients at KNH (a comparative descriptive cross sectional study)
27. **Dr JR Ndungu** (M.Med Human Pathology 2005)
- Thyroid dysfunction in patients with hyper emesis at Kenyatta National Hospital
28. **Dr Peter M. Ndegwa** (M.Med Human Pathology 2005)
- CRP(C reactive protein) Levels in Pre-eclamptic Patients in Kenyatta National Hospital-A Comparative study
29. **Dr Phillip Kiptanui Kirwa** (M.Med Obs/Gyn 2004)
- Review of the mortality in the acute Gynaecological Ward at the Rift Valley Provincial General Hospital, Nakuru
 - Management of Labour and Delivery at Pumwani Maternity Hospital
30. **Dr Stephen Wanjohi** (M.Med Obs/Gyn 2003)
- Pattern of Caesarian Section at Machakos District Hospital.
 - Men's knowledge of attitudes towards Birth spacing and contraceptive use in Kenyatta National Hospital.
31. **Dr Timona Obura** (M.Med Obs/Gynae February 2003)
- Outcome of pregnancy in patients with hypertensive disease at the Aga Khan Hospital, Nairobi, Kenya
 - Knowledge, Attitude and Practice of Minimal Access Surgery Among Obstetrician Gynecologists In Nairobi, Kenya
32. **Dr Kizito Mabisi Lubano** (M.Med Obs/Gynae 2002)
- Study on use of Anti-convulsants in pre-eclampsia and Eclampsia among obstetricians in Nairobi.
 - Knowledge, Attitude and Practices concerning Risk Factors for Cervical Cancer among University Students
33. **Dr Alfred Murage** (M.Med Obs/Gynae 2002)
- Near-Miss Maternal Morbidity at Kenyatta National Hospital
 - Acceptance of Post-Abortal Contraception in Teenagers at Kiambu District Hospital

34. **Dr Barclay Onyambu** (M.Med Obs/Gynae 2001)

- Gynaecological Management of Infertility at the Aga Khan Hospital.
- Induction of labour with Prostaglandin E₂ pessaries at the Aga Khan Hospital

35. **Dr James K Ngure** (M.Med Obs/Gynae 2001)

- A Randomized Trial of Misgav-Ladach versus Traditional Caesarian Section in Two Nairobi Hospitals (Kenyatta National Hospital and Pumwani Maternity Hospital).
- Assessment of information provided to patients by Health care workers about Gynaecology operations performed on them at Kenyatta National Hospital

36. **Dr Mulaa G Mulaa** (M.Med Obs/Gynae 2000)

- Prevalence of obstetric, anthropometric and medical high risk factors in Pregnancy among Mothers attending the antenatal clinic at Kenyatta National Hospital
- Knowledge, Attitude and practices on screening for Cancer of the Cervix among women attending maternal and child health/family planning clinic in Kibera Estate in Nairobi.

37. **Dr Mbatha-Mukii F.** (M.Med Obs/Gynae 1999)

- A Study to assess knowledge of abortion related complications among abortion patients at Kenyatta National Hospital.
- Pregnancy and Early Neonatal outcome in patients with premature deliveries at Kikuyu P.C.E.A. Hospital.

38. **Dr Wasike C. S. K.** (M.Med Obs/Gynae 1999)

- Determination of factors motivating users for re-acceptance Norplant Implants after 5 years of use in FPAK clinics in Nairobi and its environs.
- Evaluation of the Impact of the Ministry of Health Partogram on Active Management of Labor at Moi Teaching and Referral Hospital – Eldoret.

39. **Dr Jaldesa G. W.** (M. Med Obs/Gynae 1997)

- Obstetric Performance at Garissa Provincial Hospital : 3 Year retrospective survey
- Psychosexual problems associated with Female Genital Mutilation

Training Experience

- Trainer for Regional training courses for Laparoscopy conducted by U.O.N./JHPIEGO.
- Trainer for Regional training courses for Norplant Insertion/Removal conducted by U.O.N/ Population Council
- Trainer /Supervisor/Evaluator of the National Intern Training Programme - Minilaparotomy tubal ligation under local anaesthesia- U.O.N/M.O.H /JHPIEGO
- Trainer for the Lactation Management Committee for the U.O.N/ K.N.H which conducts 3 in-service courses on Lactation Management.

- Trainer for the Division of Primary Health Care- for Family planning updates and teaching skills methodology
- Trainer for the Essential Maternal Health Care Programme run by JHPIEGO in Uganda and Indonesia and conducted follow up of participants in Zambia, Malawi and Tanzania.
- Certified Master Trainer by JHPIEGO and have co-trained with several candidate clinical and advanced trainers in courses in Kenya, Malawi, Indonesia., Uganda, Afghanistan and Ethiopia.
- Trainer for Advanced life saving skills in Obstetrics

Departmental appointments

- As undergraduate 5th year MB.Ch B coordinator have stream-lined the rotations, the log books and have structured skills laboratory teaching – ie humanistic teaching for emergency skills in obstetrics and gynaecology
- During my tenure as Chairperson of the department, the most recent four (4) year MMed (Obs/Gynae) curriculum was approved by the Senate. In addition, Africa Coordinating Centre for the Abandonment of FGM/C (ACCAF) received its Senate approval as a Centre of the department.
- As part II post graduate students coordinator, I initiated the weekly CME's, monthly mortality and morbidity meetings, Journal Club, presentation of Proposal and results of M.Med Thesis. Formalized the structured elective year rotations with clear objectives of each rotation and maintenance of records of all activities.

Represent the Department and University of Nairobi at various committees of the Ministry of Health

- Technical Working group for Reproductive and Maternal Health Services Unit (RMHSU) of the Divison of Family health.
 - o Member of task force for introduction of New Partograph
 - o Member of task force for guidelines on use of Misoprostol for various indications
- Technical working group for Family planning
- Technical working group for Maternal and perinatal Death Surveillance and Response (MPDSR)

Papers Presentations in conferences /Seminars/symposia and other gatherings 2008 to date

1. Kenya Association of Muslim Medical Professionals (KAMPP) 3rd Annual Scientific Conference. Theme: Current Medical Practice and Universal Health Care, PridelInn Resort, Mombasa, 9th – 10th March 2019.
 - a. Maternal Sepsis
2. Poster presented at 3rd Africa Health Agenda International Conference (AHAIC), Kigali, Rwanda, 5th – 7th March 2019.
 - a. CHAMPION Trial results
3. Kenya Obstetrical and Gynaecological Society (KOGS) 43rd Annual Scientific Conference. Theme: Basic, Translational and Implementation Sciences in

- Women's Health from bench, to bedside and policy, Movenpick Hotel, Nairobi, 20th – 22nd March 2019.
- a. WHO recommendations on Uterotonics for prevention of PPH.
 - b. WHO multi-country survey on abortion (WHOMCS-A): abortion-related morbidity in the facilities.
 - c. The WHO global maternal sepsis study (GLOSS).
4. Ministry of Health Introduction of heat stable Carbetocin in Kenya, Movenpick Hotel, Nairobi, 20th February 2019. I was the leader organizer of this meeting for WHO and Merck for Mothers. In addition, I will continuously be involved in the implementation phase.
- a. WHO recommendations on Uterotonics for prevention of PPH.
5. KNH-UON Symposium. Theme: "Averting Preventable Maternal Deaths", College of Health Sciences, UON, 7th February 2019.
- a. Updates on prevention of PPH
6. Medical Women's International Association (MWIA) Regional Conference for Near East and Africa, Nairobi-Kenya, 11th – 15th November 2018.
Presentation made:
- a. The WHO Global Sepsis Study (GLOSS).
 - b. WHO Multi-Country Survey on Abortion (WHOMCS-A): Abortion-related Morbidity in the Facilities.
 - c. Heat-Stable Carbetocin versus oxytocin to prevent haemorrhage after vaginal birth.
7. UON/KNH International Conference on Health (ICH 2018), University of Nairobi Lecture Theatre III, 7th – 9th November 2018.
- a. The WHO Global Maternal Sepsis Study (GLOSS) – updated results.
 - b. WHO Multi-Country Survey on Abortion (WHOMCS-A): Abortion-related Morbidity in the Facilities.
 - c. Heat-Stable Carbetocin versus oxytocin to prevent haemorrhage after vaginal birth.
8. XXII World Congress of Gynaecology and Obstetrics, Rio de Janeiro-Brazil, 14th – 19th October 2018.
- a. Multicountry survey Abortion – Results from Africa.
 - b. CHAMPION the largest PPH prevention study.
9. African Sepsis Symposium, Diani-Ukunda, 4th October 2018.
- a. Maternal and Neonatal Sepsis: An Audit of Facilities in Nairobi
10. 4th Annual Conference of the Kenya Diabetes Study Group (KDSG) on 20th July 2018, Nairobi-Kenya.
- a. Gestational Diabetes in the Public Sector

11. Centre for Global Women's Health, Division of Nursing Midwifery and Social Work - National Institute for Health Research (NIHR) Global Health Research Group on Stillbirth Prevention and Management in Sub-Saharan Africa, 26th -27th July, 2018, University of Manchester - England.
 - a. Learning from previous research and practice in Kenya
12. Inception meeting for Maternal Mortality Partnership Program with Leeds University Centre for African Studies and Jaramogi Oginga Odinga Teaching Hospital on 7th August 2018, Kisumu-Kenya.
 - a. Maternal Mortality in Kenya: Current situation and recent research in post-partum hemorrhage
13. 2nd International Conference on Maternal and Newborn Health Belgaum India, 26th – 27th March 2018. Theme: 'Translating research evidence to practice'
 - a. 'Heat Stable Carbetocin for Prevention of Postpartum Haemorrhage – CHAMPION Trial' on behalf of WHO CHAMPION Trial team.
14. Kenya Association of Muslim Medical Professionals (KAMMP) Annual Scientific Conference. Theme: Integrated Health care – Prevention to Rehabilitation, 10th – 11th March, 2018.
 - a. Severe Maternal Outcomes.
15. 42nd Annual Scientific Conference of Kenya Obstetrical and Gynaecological Society (KOGS) Theme: Meeting the challenges in reproductive health through impactful training: guiding the way into the 21st century. 21-23rd February 2018 held at Sawela Lodge Naivasha.
 - a. Current studies of uterotonics a summary of global research
 - b. Carbetocin RTS for preventing PPH: a randomized non-inferiority controlled trial
 - c. Antenatal corticosteroids for improving outcomes in preterm newborns in low resource settings: a randomized controlled trial-ACTION I and II
 - d. GLOSS, a multicountry multicenter Inception cohort study on maternal sepsis
 - e. A review of maternal mortality in the year 2014 at the Kenyatta National Hospital
16. Ministry of Health Division of Family Health, Reproductive and Maternal Health Services Unit, Stakeholder meeting on Postpartum Haemorrhage (PPH) presented Key note address Panafric Sarova Hotel 26th July 2017
17. 4th International Conference for College of Health Sciences, University of Nairobi and Kenyatta National Referral and Teaching Hospital 14-16th June 2017
 - a. Effect of early tranexamic acid administration on mortality, hysterectomy and other morbidities in women with post-partum haemorrhage (WOMAN): and international, randomised, double-blind, placebo-controlled trial.
18. 41st Annual Scientific Conference of Kenya Obstetrical and Gynaecological Society (KOGS) Theme: Optimizing reproduced health outcomes: Translating

- research into clinical practice and policy. 15-17th February 2017 held at Pride Inn Paradise Mombasa
- a. New WHO recommendations on antenatal care for a positive pregnancy experience
 - b. Updating of a clinical protocol for prevention and management of postpartum haemorrhage at Kenyatta National Hospital.
19. Invited guest speaker at CME organized by KOGS/ MOH-RHMSU Sarova Hotel 26th January 2017. Update on Postpartum Haemorrhage –latest Innovations for treatment.
20. Kenya Diabetes Study Group 2nd Diabetes Symposium, Theme: Holistic Management of Diabetes, 18th June 2016 held at Intercontinental Hotel, Nairobi (Invited guest speaker presentation)
- a. Impact of maternal health on preventing diabetes/ promoting positive outcomes.
21. International Conference of Maternal and New Born Research 5 – 8 March 2016 held at Belgaum, India.
- a. Challenges of post-partum haemorrhage in Africa
22. 40th Ruby Anniversary Annual Scientific Conference of Kenya Obstetrical and Gynaecological Society (KOGS) Theme: Delivering Reproductive Health Services in a Devolved Health System: Challenges and Opportunities, 17-19 February 2016 held at Acacia Premier Hotel, Kisumu
- a. Influenza in pregnant women and benefit of vaccination
 - b. Efficacy of antenatal corticosteroids for women in preterm labour to improve new-born outcomes in health facilities in low and middle-income countries. What is the evidence?
23. 3rd UoN/KNH Scientific Conference. Theme “Research as a Driver for Science, Technology and Innovation for Health” at Lecture Theatre III, College of Health Sciences, UoN, Kenyatta Campus, 10th – 12th June 2015.
- a. Maternal and perinatal morbidity and mortality in Kenya: findings of the World Health Organization Multicountry Survey (WHOMCS) on Maternal and Newborn Health
24. KNH/UoN MNCH Symposium. Theme “Optimizing Best Practice in Maternal, Neonatal and Child Care” at Lecture Theatre III, College of Health Sciences, UoN, Kenyatta Campus, 13th March 2015.
- a. ‘Severe maternal outcomes: the concept and monitoring’
25. African Federation of Obstetrics and Gynaecology 1st Regional Congress and 39th Kenya Obstetrics and Gynaecology Annual Scientific Conference, 17th – 20th February 2015, Safari Park Hotel, Nairobi
- a. Maternal and perinatal morbidity and mortality in Kenya: findings of the World Health Organization Multicountry Survey (WHOMCS) on Maternal and Newborn Health

26. 38th Annual Scientific Conference of Kenya Obstetrical and Gynaecological Society (KOGS) Theme: Beyond Millennium Development Goals 2013, Lessons Learnt, Challenges and Way Forward, 19-21 February 2014 held at Green Hills Hotel, Nyeri
- a. The use of antenatal corticosteroids and tocolytic therapies in preterm deliveries in 29 countries: a secondary analysis of the WHO Multi-Country Survey of Maternal and Newborn Health
 - b. How safe is safe motherhood? Case report of maternal morbidity discussed in the context of quality of care
 - c. Influenza vaccination in pregnancy
27. 37th Annual Scientific Conference of Kenya Obstetrical and Gynaecological Society (KOGS) Theme:, 13-15 February 2013 held at Sirikwa Hotel, Eldoret
- a) WHO guidelines on “Optimizing health workers roles to improve access to key maternal & newborn health interventions through task shifting” (OPTIMIZE MNH)
 - b) Beyond essential interventions & coverage – the next challenge for improving maternal health care: findings of WHO multi-country survey on maternal and new born health
28. Symposium on Innovations for attainment of MDG’s 4 and 5; 9th January 2013
- a. Overview of Preterm Birth
 - b. Obstetric Haemorrhage
29. 36th Annual Scientific Conference of Kenya Obstetrical and Gynaecological Society (KOGS) Theme: Optimizing Reproductive and Sexual Health through Science, Technology & Innovations towards Kenya’s Vision 2030, 15-17 February 2012 held at Safari Park Hotel Nairobi
- a) Active Management of the Third Stage of Labour without Controlled Cord Traction: A Randomized Non-Inferiority Controlled Trial (WHO)
 - b) The WHO Multicountry survey on Maternal and newborn Health, the Near-Miss concept and the Maternal deaths in the Kenyan Data set.
 - c) Advocacy to Increase Access To Information And Use Of Misoprostol For Prevention Of Postpartum Haemorrhage At The Community Level In Emuhaya District, Western Kenya.
30. 9th East Central and South African Obstetrics and Gynaecology Societies of (ECSAOGS) Scientific Conference Maputo Mozambique 5-7 October 2011, held at VIP hotel Maputo
- a. Active Management of the Third Stage of Labour without Controlled Cord Traction: A Randomized Non-Inferiority Controlled Trial (WHO)
 - b. Introduction of Misoprostol for Prevention of Post Partum Hemorrhage at Community Level in Kitui and Maragua (VSI & KOGS)
 - c. Tranexamic acid for the treatment of postpartum haemorrhage: An international randomised, double blind, placebo controlled trial (The WOMAN Trial).

31. 6th Nairobi Hospital Annual RH Symposium “Controversies of Vaginal Birth after Caesarean Section” 19th April 2011, Nairobi Hospital, Nairobi-Kenya. (*Invited Lecture*)
32. 35th Annual Scientific Conference of Kenya Obstetrics and Gynaecology Society (KOGS), 16th – 18th February 2011, Nakuru-Kenya.
 - a) Tranexamic acid for the treatment of postpartum haemorrhage An international, randomised, double blind, placebo controlled trial (The WOMAN Trial)
 - b) Community Based Prevention of Post Partum Haemorrhage with Misoprostol in Kenya-pilot project in Kitui and Maragua districts
33. Safe Motherhood – Maternal Health Symposium organized by Kenya Medical Women’s Association. Theme: *Maternal Health Yesterday, today, tomorrow*, 16th October, 2010, Crowne Plaza Hotel Nairobi-Kenya. (*Invited Speaker*)
34. Annual Nurses conference, Community Based prevention of Post-Partum Haemorrhage with Misoprostol in Kenya, St Andrews Church Hall Nairobi 6th October 2010, Nairobi-Kenya.
35. Urinary Fistulae and Continence, 2nd Annual Scientific Conference of Kenya Endoscopic Surgeons Society, 18th – 19th August 2010, Nairobi Hospital-Kenya. (*Invited Speaker*)
36. Active Management of Third Stage of Labour, Guest Lecture, 15th Annual Scientific Midwives Conference, 28th -30th July 2010, Tom Mboya College, Kisumu-Kenya.
37. Premature ovarian Failure – Nairobi Hospital, 5th Annual Reproductive Health Symposium, 20th April 2010, Nairobi Hospital-Kenya. (*Invited Speaker*)
38. Kenya Obstetrical and Gynaecological Society 34th Annual Scientific Conference 18th – 20th February 2010, Nairobi-Kenya.
 - a. “Quality of antenatal and Intrapartum care received by obstetric fistula patients during the causative pregnancy in Kenya”
 - b. “Serum Homocysteine levels in pre-eclamptic patients and non-eclamptic mothers”
 - c. “Introduction of Misoprostol for Prevention of postpartum Haemorrhage at community level” (Guest Lecture)
39. 2nd Annual conference of Obstetric Fistula Surgeons Nairobi, *Quality of antenatal and Intrapartum care received by obstetric fistula patients during the causative pregnancy in Kenya, 25th-27th October 2009*, Nairobi-Kenya.
40. Vesico-vaginal Fistulae – Nairobi Hospital, 4th Annual Reproductive Health Symposium, 21st April 2009, Nairobi Hospital-Kenya.
41. Millennium Development Goals – Where are we? – Nairobi Hospital, 3rd Annual Reproductive Health Symposium, 21st April 2008, Nairobi Hospital-Kenya.

42. 8TH ESCAOGS Conference, WHO guidelines for treatment of PPH-uterine atony and retained placenta, 18th – 20th February 2009, Mombasa-Kenya.
43. 8th ESCAOGS Pre-congress symposium, Misoprostol for treatment of PPH haemorrhage, 18th -20th February 2009, Mombasa-Kenya. (*Invited Lecture*)
44. Introduction of Focused Antenatal Care at Kenyatta National Hospital, 1st Scientific conference, 18-19th September 2008, Kenyatta National Hospital-Kenya
45. 12th Midwives Scientific Conference, 30th July -1st August 2008, Panafric Hotel Nairobi-Kenya.
 - a. Prevention and Early Management of Obstetric Fistulae
 - b. Prevention of Post Partum Haemorrhage by use of Active Management of Third Stage of labour
46. Training Health Providers in Cervical Cancer Screening-VIA/Cryotherapy, 32nd Annual Scientific Conference of Kenya Obstetrics and Gynaecology Society, 20th – 22nd February 2008, Nairobi-Kenya.

Participation in organization of Scientific Meetings

1. A member of the organizing committee of the Global Maternal Newborn Health Conference held on 19th-21st October 2015 in Mexico City, Mexico.
2. From 2006 to 2012 I have been a member of the scientific committee of the Nairobi Hospital Annual RH symposium, held annually in April.
3. Chairperson on the Scientific organizing committee for the 2nd Scientific conference of the International Society of Fistula surgeons held in Nairobi, November, 2009.
4. From 1995 to 2013 I have been involved in the organization of the Annual scientific conference of the Kenya Obstetrics and Gynaecology Society (KOGS) held in February each year. Mostly as a member of the scientific steering committee and on few occasions in other committees

Past Research Activities

1. **ePartogram effectiveness study in Kenya** in collaboration with JHPIEGO Baltimore and Kenya. The study period was August 2016 – May 2017 in Kisumu and Meru counties.
Role: Co-Principal Investigator. Manuscript under preparation for submission.
2. “A phase III, randomized, double-blind, active, controlled, multinational, multicentre, non-inferiority trial using Carbetocin room temperature stable (RTS) for the prevention of postpartum haemorrhage during the third stage of labour in women delivering vaginally” **CHAMPION TRIAL** .
Data collection from January 2016 to July 2017. **Role:** Principal Investigator.

3. **WHO Multi-Country Survey on Abortion (WHOMCS-A): Abortion-related Morbidity in the Facilities.** Data collection from May – December 2017. Kenya was one of the 11 African countries and part of the 28 global countries. In Kenya 23 public hospitals are participate in this survey.
Role: Country Coordinator (Kenya) and Regional Coordinator (Anglophone countries in Africa).
4. **GLOBAL MATERNAL SEPSIS STUDY (GLOSS)**, part of the “Global Maternal and Neonatal Sepsis Initiative” which has the overall goal of accelerating reduction of preventable maternal and newborn deaths related to sepsis. Kenya was one of the 57 countries. Data collection from November to December 2017.
5. **“Woman Trial - World Maternal Antifibrinolytic Trial” Tranexamic acid for treatment of PPH: An International randomized double blind placebo controlled trial.** Country coordinator for 8 hospitals. Completed April 2016.
6. **I-CORD Audit on current practice for timing of cord clamping and neonatal care at preterm births in low and middle income countries.** A collaboration with University of Nottingham Clinical Trials Unit. Data collected from July to August 2015.
7. **Integrating strategies for the prevention of preeclampsia and anemia into community-based programs in Kenya (calcium supplementation)**
Conducted by Cornell University, Micro-Initiative, AMREF, the University of Nairobi Department of Obstetrics & Gynecology, and the Ministry of Health.
8. **“Community Based Maternal and Newborn Program (CBMNH) “Linda Afya ya Mama na Mtoto Project”**; Project Partners, Micronutrient international, AMREF, U.O.N, PRONTO-2, MOPHS. UON Team to conduct External Evaluation of Project. University of Nairobi Team Members Prof. Wambui Kogi-Makau, Dr. Alice M. Mwangi, **Dr Zahida Qureshi**, Mr. Dasel Mulwa W. Kaindi; Project duration 2012 to 2015.
9. **Maternal Death Audit at Kenyatta National Hospital;** Project team – **Prof. Zahida Qureshi**, Prof. Christine Kigondu, Dr. Philomena Owende, Dr. Faiza Nassir.
10. **Introduction of Misoprostol for prevention of PPH at community level in pilot districts in Kenya** Division of Reproductive Health /Kenya Obstetrics and Gynaecology Society/Venture Strategies Innovations. Data collection from December 2009 to August 2010
11. **WHO Active Management of the Third Stage of Labour without Controlled Cord Traction: A Randomized Non-Inferiority Controlled Trial.** Data collection June 2010 to September 2011 Paper published 1st online Lancet 6th March 2012

12. **Advocacy to increase access to information and use of Misoprostol for Prevention of Postpartum Haemorrhage at Community Level (Emuhaya District).** Data collection November 2010 to June 2011
13. **World Health Organization Multi-country survey on Maternal and Newborn Health-survey conducted in 29 countries worldwide.** Data collection July to October 2011.
14. **Service Delivery Guidance Grant of WHO for Collaborating Centre;** Prof JBO Oyieke, **Dr Z. Qureshi**, Dr M Machoki, Prof C.S. Kigonde (2008).
15. **Quality of antenatal and intrapartum care received by obstetric fistula patients (2008).** Conducted at KNH, paper published in Journal of Obs/Gyn East Central Africa December 2010.
16. **Survey on depression in Kenyan obstetric fistula patients Z Qureshi, S Mutiso (2008).** Conducted at KNH, paper published in Journal of Obs/Gyn East Central Africa July 2010.
17. **Rapid Assessment of the Utilization of the Partograph in Maternity Units in Kenya Dr Z. Qureshi**, Prof Kigonde, Dr Rupani, Mrs. T Oduori (2002). Collaboration of Ministry of Health and WHO/AFRO; Paper published in EAMJ
18. **Focus Group Discussion on the Newer Prototypes of Female Condom;** Kilbourne M, Coffey P, **Qureshi Z**, Kigonde C, Mugwe E (September 2001). Study conducted with Path.
19. **Improving Services for Non-Menstruating Family Planning Clients In Kenya;** Stanback J, **Qureshi Z.**, Nutley T., Kigonde C. (1997-1998). Study conducted in collaboration with Family Health International at seven sites in Kenya. Research findings published in Lancet and EAMJ
20. **Menstruation Requirements as a Barrier to Contraceptive Access in Kenya;** Stanback J, Nutley T, Gitonga J, **Qureshi Z.** (1997 Pilot Study) Conducted in 19 Ministry of Health facilities in Kenya in collaboration with Family Health International.

Ongoing Research Activities

1. **‘Saving the lives of those born too soon; A mixed methods study of essential newborn care in Kenya’.** A collaborative study with University of Nottingham Clinical Trials Unit. Data collection was conducted at Kenyatta National Hospital between 5th March to 30th April 2019. Stakeholders meeting to discuss findings planned for July 2019. **Role:** Principal Investigator.
2. **WHO Multi-country Randomized Trial of Antenatal Corticosteroids for Women in Preterm Labour to Improve New-born Outcomes (ACTION).** The

Trial is being conducted in five countries in Africa and Asia. In Kenya, the study is ongoing in four hospital namely: Kiambu level 5, Thika Level 5, Nakuru Level 5 and Coast County and referral hospital. **Role:** Principal Investigator.

3. **WHO Prevalence and outcomes of abnormal continuous wave Doppler flow indices in unselected and low-risk pregnancies in low- and middle-income countries: The Umbiflow™ International Study.** The study is a collaboration between Translational Health Science and Technology Institute-India, University of Rwanda, University of Ghana, South Africa Medical Research Council-South Africa, University of Nairobi-Kenya and World Health Organization. In Kenya, the study sites are Mbagathi County Hospital and St Mary's Hospital Nairobi. **Role:** Principal Investigator.

Research Grants received

Since my last promotion, I have received the following research grant funds

1. "A phase III, randomized, double-blind, active, controlled, multinational, multicentre, non-inferiority trial using Carbetocin room temperature stable (RTS) for the prevention of postpartum haemorrhage during the third stage of labour in women delivering vaginally" CHAMPION TRIAL - **USD \$277,118**
2. WHO ODON Device - **USD \$23,882**
3. WHO Research Methodology Course - **USD \$35,543**
4. WHO Prevalence and outcomes of abnormal continuous wave Doppler flow indices in unselected and low-risk pregnancies in low- and middle-income countries: The Umbiflow™ International Study - **USD\$ 118,456**
5. WHO Multi-country Randomized Trial of Antenatal Corticosteroids for Women in Preterm Labour to Improve New-born Outcomes (ACTION) - **USD \$551,819**. The ACTION trial is on-going and the amount indicate is what has been received as the first payment, an equal amount will be paid later.

Submitted Grant Applications

- 1) Early detection and treatment of postpartum haemorrhage using the World Health Organization MOTIVE bundle (E-MOTIVE study) – University of Birmingham, United Kingdom
- 2) Reducing unnecessary Obstetric Sections in Kenya (RUSK study) – Liverpool School of Tropical Medicine, United Kingdom.

- 3) Reducing intrapartum stillbirths: Effectiveness of standards-based audit in improving quality of care and perinatal outcomes– Liverpool School of Tropical Medicine, United Kingdom
- 4) An omics based approach to profiling high-risk pre-eclampsia in Kenyan women - University of Dundee – Aberdeen, United Kingdom.
- 5) Differential effects of calcium supplementation to prevent pre-eclampsia in Low and Middle-Income Countries: Individual Participant Data (IPD) meta-analysis and Decision Analytic Modelling - Queen Mary University of London, United Kingdom.
- 6) Data science to reduce stillbirths in sub-Saharan Africa: scale up of the Perinatal Priority Identification Programme in Africa - University of Witwatersrand, South Africa.

Additional Reproductive Health Activities

1. I partnered with African Population and Health Research Centre (APHRC) on behalf of University of Nairobi to facilitate the ‘Systematic review and meta-analysis of health researchers’ at the APHRC campus, 11th – 15th March 2019
2. I was the lead organiser of the HRP Alliance/ University of Nairobi Research Methods Course, 19th – 23rd March, 2018 at Silver Springs Hotel, Nairobi. It is a collaboration between WHO Department of Reproductive Health Research (RHR), UNDP-UNFPA-UNICEF-WHO-WORLD BANK Special Programme of Research, Development and Research Training in Human Reproduction (HRP) and University of Nairobi.
3. Conducted quality technical assessment of maternity units in 2008, 2010 and 2011 run by Marie Stopes in Nairobi, Mombasa and Kisumu Kenya and Addis Ababa, Ethiopia.
4. Conducted maternal mortality assessment in February 2011 at Hagadera refugee camp in Dadaab for International Rescue Committee.

Reproductive Health Workshops/ Meetings attended

- Apr 2019** Proposal development for E-MOTIVE for submission to the Medical Research Council (MRC-UK) in Birmingham, United Kingdom, 3rd – 4th April, 2019.
- Mar 2019** Ministry of Health Post Abortion Care Pocket Guide for Health Care Providers dissemination planning meeting, Sarova – Panafric, Nairobi, 7th March 2019.
- Mar 2019** Kenya Association of Muslim Medical Professional (KAMMP) 3rd Annual Scientific Conference. Theme: Current Medical Practice and Universal Healthcare, PridelInn Beach Resort, Mombasa, 9th – 10th March 2019

- Mar 2019** African Population and Health Research Centre (APHRC) Systematic review and meta-analysis of health researchers, APHRC campus, 11th – 15th March 2019.
- Jan 2019** WHO ‘Uterine Tamponade devices for Refractory PPH’ technical consultation, Geneva, Switzerland, 23rd - 24th January 2019.
- Oct 2018** WHO Global Maternal Sepsis Survey (GLOSS) Principal Investigators meeting, 12th – 13th October 2018, Rio de Janeiro-Brazil.
- Sept 2018** WHO Multi-country Survey on Abortion-related morbidity in facilities (WHOMCS-A) Principal Investigators’ meeting , 25th – 27th September 2018, Four Points by Sheraton Nairobi Hurlingham, Nairobi-Kenya.
- Aug 2018** African Population and Health Research Centre Stakeholder Engagement Workshop, 28th September 2018, APHRC Campus, Nairobi
- April 2018** WHO Evidence-based Review of the WHO Partograph and Implementation Research, 18th – 19th April, 2018, Geneva Switzerland.
- Mar 2018** WHO Champion Steering committee and Principal Investigator’s meeting for CHAMPION Trial, 28th – 29th March 2018, Belgaum India.
- Oct 2017** GLOSS Country Principal Investigators meeting 10th – 11th October, Istanbul Turkey.
- July 2017** Odon Device Study: Independent Scientific advisory committee meeting Geneva-17 to 18th July 2017 WHO headquarters Geneva Switzerland
- July 2017** WHO Global Sepsis Study (GLOSS) and Campaign meeting, 19- 20th July 2017, WHO headquarters Geneva Switzerland
- Mar 2017** WHO Champion Steering committee and Principal Investigator’s meeting for CHAMPION Trial Cape Town South Africa
- Feb 2017** Ministry of Health Kenya –Reproductive and Maternal Health Services Unit (RHMSU) RH stakeholder meeting. Voyager Hotel Mombasa 13-15th February 2017
- Nov 2016:** WHO MCS-A Regional training meeting for Phase I Anglophone countries 1-3 November. Best Western Premier Hotel Accra Ghana
- Sept 2016:** WOMAN TRIAL Writing committee meeting 21-22nd September. Euston Hilton Hotel London UK
- July 2016:** WHO study A65711: Feasibility and Safety of the Odon Device for Assisted Vaginal Delivery Training of Operators, 4th – 5th July 2016, Geneva Maternity Hospital, Geneva, Switzerland
- July 2016:** WHO Odon Device Steering Committee Meeting, 6th – 7th July 2016,

WHO headquarters, Geneva, Switzerland

April 2016: WHO Maternal Sepsis Meeting, 20th – 21st April 2016 Istanbul, Turkey

Mar 2016: WHO MCS-A Principal investigators Meeting for Phase I (African Region), 15th – 16th March 2016 Geneva, Switzerland

Mar 2016: WHO Champion Trial Investigators Meeting, 7th – 8th March 2016 Belgaum, India

May 2015: WHO Odon Device Trial: Independent Scientific Advisory Committee Meeting, 7th – 8th May, Geneva, Switzerland.

March 2015: WHO Multi-country Survey on Abortion (WHOMCS-A) and Morbidity Steering Committee Meeting, 10th - 11th March, Geneva, Switzerland.

March 2015: Scientific Advisory Board Meeting for Missed Opportunities in Mother and Infant project (MOMI), 10th March, Porto, Portugal.

Jan 2015: WHO Maternal Near-Miss Approach and Quality of Care: Research and Implementation, 22nd – 23rd January, Istanbul, Turkey.

May 2014: WHO Preterm Guidelines Meeting, 12th - 15th, Ferney-Voltaire, France.

April 2014: Improving quality of antenatal intrapartum and postpartum care: evidence, knowledge gaps and priorities for action, 28th – 30th April, WHO HQ, Geneva, Switzerland

Oct 2013: Effectiveness of a simplified regimen of Magnesium Sulfate in the management of Pre-eclampsia and eclampsia, 30th – 31st October, WHO HQ Geneva, Switzerland

Sept 2013: Heat Stable Carbetocin, 25th September, WHO HQ Geneva, Switzerland

Sept 2013: Augmentation in Labour Guidelines, 26th – 27th September, WHO HQ Geneva, Switzerland

April 2013: Preterm Birth Guidelines Scoping, 24th April, WHO Geneva, Switzerland

April 2013: Research Prioritization Meeting, 25th – 26th April, WHO Geneva, Switzerland

March 2013: Technical meeting on secondary analyses of WHO Multicountry Survey on Maternal and Perinatal Health, 19th – 22nd March, Geneva, Switzerland

March 2013: Heat Stable Carbetocin in Preventing Postpartum Haemorrhage, 19th – 22nd March, WHO Geneva, Switzerland

Dec 2012: WHO Better Outcome in Labour Difficult (BOLD) project update 12th – 13th December 2012, Geneva, Switzerland

- June 2012:** Workshop for Finalization of Emergency obstetric and Neonatal care training package 10th to 14th June, Panafric hotel Nairobi DRH/JHPIEGO
- May 2012:** WHO technical consultation on Maternal and Perinatal Health; 08-10 May 2012, Hua Hin, Thailand
- April 2012:** WHO Technical Consultation on Optimizing the delivery of key maternal and newborn interventions through task-shifting/sharing (optimize 4MNH) WHO- Geneva, Switzerland.
- Mar 2012:** WHO Technical Consultation on Prevention and Management of Post-Partum Haemorrhage 16-19th April WHO Geneva Switzerland
- Jan 2012:** Development of EMOC skills training workshop materials, 10-12th January Jacaranda, Hotel Nairobi DRH/JHPIEGO
- Nov 2011:** “Research Priorities for Clinical Diagnosis and Triggers for Therapeutic Interventions in Postpartum Haemorrhage” meeting sponsored by Gynuity Health Projects and WHO, 14-15TH November, New York USA
- May 2011:** 4th Steering Meeting WHO Trial A 65554 Active Management of Third Stage of Labour (AMTSL)-Research Interim Analysis Geneva, Switzerland.
- April 2011:** WHO Technical Consultation on Prevention and Management of Pre-Eclampsia/ Eclampsia and Vit D supplementation for women during pregnancy WHO- Geneva, Switzerland.
- March 2010:** 3rd Steering Meeting Active Management of Third Stage of Labour (AMTSL)-Research Interim Analysis, Geneva, Switzerland

Courses/Trainings attended

- Aug 2018:** WHO ACTION study staff training on study procedures, 6th – 9th August 2018, Nairobi, Kenya.
- March 2017:** WHO ODon Device Study: Training of Trainers for Odon Device Use – training provided by Prompt UK 15th March 2017, Pretoria South Africa
- July 2016:** Odon Device for Assisted Vaginal Delivery Training of Operators, 4th – 5th July, Geneva conducted by Practical Obstetric Multi-Professional Training (PROMPT) based in UK.
- Nov 2015:** Advanced Life Support in Obstetrics (ALSO) 30th Nov – 1st Dec, Aga Khan University Hospital, Nairobi
- Oct 2015** Diploma in KiwiTM Vacuum-Assisted Delivery Device course provided by Clinical Innovation’s Medical Team , 4th October, Vancouver, Canada
- Aug 2014:** Advanced Gynecological Laparoscopy Training Workshop, 28th – 30th August, Kenyatta National Hospital, Nairobi

- July 2013:** University of Nairobi and KAVI- Institute of Clinical Research Bioethics Training, 3rd - 5th July, Silver Springs Hotel, Nairobi
- May 2013:** Basic Life Support (BLS), 22nd May, Aga Khan University Hospital, Nairobi
- Nov 2012:** The International Centre for Minimal Access Surgery “Hysteroscopy”, 26th-28th November 2012, held at the International Centre for Minimal Access Surgery, Nairobi.
- July 2011:** UON Teacher Training Workshop –Prime K Project 26-29 July 2011 held at UON –School of Medicine.
- August 2010:** Good Clinical Practice – online course offered by London School of Hygiene and Tropical Medicine as a pre-requisite for the “Woman Trial”
- Feb/Mar 2010:** Colposcopy /Leep Trainer of Trainers 23rd to 26th February didactic – 1st to 5th March Practical conducted by American Society of Colposcopy and Cervical Pathology (ASCCP)-Kenyatta National Hospital Nairobi, Kenya.
- December 2009:** Fetal Monitoring Training System –on line course taken through Aga Khan University
- June 2009:** ‘Library electronic resources’ conducted by the University of Nairobi Library 16-17th June
- October 2008:** Candidate Clinical Trainer for Advanced Life Support in Obstetrics –course conducted by American Academy of Family Physicians at St Mary’s Hospital, Nairobi
- October 2007:** Comprehensive Abortion Care TOT for Senior Medical Tutors – IPAS Kampala, Uganda.
- October 2007:** Advanced Life Support in Obstetrics–course conducted by American Academy of Family Physicians at St Mary’s Hospital, Nairobi.
- Aug 2007:** 6th Annual Research Methods Course: conducted by Effective Care Research Unit –East London, South Africa.
- November 2005:** Evidenced Based Decision Making Workshop–organized and sponsored by WHO and held at the Effective Care Research Unit East London, South Africa.
- October 2005:** Basics of Bio-Statistics –organized by and held at Aga Khan Hospital -15th October
- October 2005:** Comprehensive Care of HIV infected patient with special Emphasis on Antiretroviral Therapy by NASCOP in collaboration with Kenyatta National Hospital –held at KNH
- June 2005:** Trans Vaginal Tension Free Operation – for stress urinary incontinence Workshop organized by and held at The Nairobi Hospital.
- April 2005:** Course on Implementation for the WHO New Model for Antenatal Care through e-learning course – organized and sponsored by WHO and held at Boston University, Boston, USA.

Reproductive Health Conferences and Symposia attended from 2005 to date

- 1) **Royal College of Obstetricians & Gynaecologists (RCOG) World Congress 2017**-Cape Town 20-22nd March 2017
- 2) **Africa Health Agenda International Conference (AMREF)**-Radisson Blu Hotel Nairobi-7-th March 2017
- 3) Global Maternal Newborn Health Conference, **19th-21st October 2015**, Mexico City, Mexico.
- 4) XXI FIGO World Congress of Gynaecology and Obstetrics, **3rd – 10th October, 2015**, Vancouver, Canada.
- 5) AMREF health Africa International Health Conference, **24th – 26th November 2014** at Nairobi, Kenya
- 6) Making it Happen Conference **9th – 13th June 2014**, Liverpool, England
- 7) 1st Medico-Legal Symposium “Development of Medical Law and Ethics and the Transformation of Medical Practice Globally” at The Nairobi Hospital, **25th May 2013**
- 8) 8th Nairobi Hospital Annual Reproductive Health Symposium “Advances in Gynaecological Oncology” at The Nairobi Hospital, **16th April 2013**
- 9) SYMPOSIUM ON Innovations for attainment of MDGs 4 and 5 (maternal and neonatal child health) KNH/UON held at University of Nairobi, **9th January 2013**
- 10) 5th Scientific Conference Kenyatta National Hospital, **18-19th October 2012**, Kenyatta National Hospital-Kenya.
- 11) XX FIGO World Congress of Gynaecology and Obstetrics, **7th – 12th October 2012**, Rome.
- 12) PACE Programme HIV Symposium “the role of training and research in health service delivery: lessons learnt from the HIV epidemic” held at college of health sciences, university of Nairobi **14th -15th June 2012**
- 13) 3rd Annual conference of International Society of Fistula Surgeons, **7th – 9th December 2010**, Dakar-Senegal.
- 14) 2nd Scientific Conference of Kenya Endoscopy Society of Surgeons, **18th-19th August 2010**, Nairobi Hospital-Kenya.
- 15) XIX FIGO World Congress of Gynaecology and Obstetrics, **4th – 9th October 2009**, Cape Town-South Africa.
- 16) Best Practices in Sexual and Reproductive Health – RHL@10 conference, **27th – 29th April 2007**, Khon Kaen-Thailand.
- 17) XVIII FIGO world Congress of Gynaecology & Obstetrics, **5th-9th November 2006**, Kuala Lumpur-Malaysia.
- 18) 1st Annual Nairobi Hospital –Obs/Gyn symposium, **18th April 2006**, Nairobi-Kenya.
- 19) Scientific Symposium on “*Research in the Developing World: Myth or Reality*”, **14th October 2005**, The Aga Khan Hospital, Nairobi-Kenya.
- 20) 29th Annual Scientific Conference of Kenya Obstetrics and Gynaecology Society, **16th-18th February 2005**, Merica Hotel, Nakuru-Kenya.

Review/Development of Publications/Guidelines

A) Development of Publications / review of Guidelines for International organizations

1. WHO recommendation on calcium supplementation during pregnancy for prevention of pre-eclampsia and its complications, December 2018.
2. WHO recommendations on policy of interventionist versus expectant management of severe pre-eclampsia before term, December 2018.
3. WHO recommendation on drug treatment for severe hypertension in pregnancy, December 2018.
4. WHO recommendations on induction of labour at or beyond term, December 2018.

For the above, I was the Chair for the Guidelines Development Group.

5. WHO recommendation on tranexamic acid for the treatment of postpartum haemorrhage, November 2017.
6. Pregnancy management in the context of Zika virus infection (interim guidance update), WHO May 2016.
7. External peer reviewer for WHO Health workers roles in providing safe abortion care and post-abortion contraception, 2015
8. WHO recommendations on interventions to improve preterm birth outcomes Nov 2015
9. WHO recommendations for augmentation of labour May 2014
10. Optimizing health worker roles for maternal and newborn health. WHO Dec 2012
11. WHO recommendations for the prevention and treatment of postpartum haemorrhage Sept 2012
12. WHO recommendations for the prevention and treatment of pre-eclampsia and eclampsia Nov 2011
13. Family planning Reference Manual/trainers/participants manuals for service providers in emergency situations-RAISE(consortium of Marie Stopes international and Columbia University) 2008
14. WHO guidelines for management of postpartum haemorrhage and retained placenta. 2007
15. Prevention of Post Partum Haemorrhage Initiative (POPPHI) –training materials for Prevention of Post Partum Haemorrhage by Active Management of Third Stage of Labour (AMTSL) 2007
16. Prevention of Post Partum Haemorrhage Clinical care Guidelines – Training materials(trainers and participants manual) 2007 POPPHI
17. WHO Manual on Improving Teaching Skills.-2002
18. Reproductive Health Service Delivery Guidelines-Ministry of Health and Child welfare, Zimbabwe 2002
19. Malawi National Reproductive Health Services Delivery Guidelines, October 2001
20. Essential Maternal and Neonatal Care-Clinical Guidelines for Uganda – July 2001
21. Managing Complications in Pregnancy and Childbirth: A guide for midwives and doctors WHO/RHR/00.7

B) Development of Publications / review of Guidelines for Ministry of Health Kenya

1. National Guidelines for Maternal and Perinatal Death, Surveillance and Response 2016
2. Maternal and Newborn Health Performance Standards MOH 2015
3. National Guidelines for quality obstetrics and Perinatal care. Ministry of Public health and sanitation and Ministry of Medical Services, May 2012
4. National guidelines for prevention and management of cervical, breast and prostate cancers. Ministry of Public health and sanitation and Ministry of Medical Services, January 2012
5. Emergency Obstetric and Neonatal care manual. A harmonized training curriculum for Kenya 2012
6. National Guidelines for Maternal and Perinatal Death and Notification and Review. MOH August 2009
7. Prevention of Postpartum Haemorrhage Practice Guidelines MOH 2008
8. Kenya National Reproductive Health Instructional Manual for Service Providers MOH 2006
9. Kenya National Obstetric Fistulae Training Curriculum for Health Care Workers MOH Oct 2006
10. Essential Obstetrics Care Manual: for health service providers in Kenya 3rd Edition January 2006
11. National Guidelines for Quality Obstetrics and Perinatal care- MOH Division of Reproductive Health: 2nd Edition 2004
12. National Guidelines for Quality Obstetrics and Perinatal care- MOH Division of Reproductive Health: 1st Edition 2002

Social Responsibility Activities Pertaining to Reproductive Health

1. **2002 to date: Obstetric Fistula activities** I have been working with AMREF and other organizations in fund raising activities for the Surgical Obstetric Fistula camps conducted at KNH. Participate in the organization and conduct of the KNH annual fistula camp.
2. **2005 to date** provide free Gynaecology specialist consultation for patients referred from a community clinic in Kawangware, Nairobi run by the Giants Group.
3. **2007 to date** participate in the Annual medial camp and various other activities of Muslim students association of University of Nairobi (MSAUN) School of Medicine Campus.
4. **2008 to date** participate in community talks on cervical and breast cancer screening at Kibera, Pumwani and Jamia Mosque-all in Nairobi and participate in community cervical cancer screening camps in Nairobi.

Positions Held

1992 -1993:	Medical Superintendent, Machakos General Hospital,
1995-1997:	Assistant Secretary – Kenya Obstetrics and Gynaecology Society
1997- 1999:	Hon. Secretary – Kenya Obstetrics and Gynaecology Society
2001-2003:	Assistant Secretary –Kenya Obstetrics and Gynaecology Society
2005 –2009:	Assistant Chairperson- Kenya Obstetrics and Gynaecology Society
2005 -2009:	Treasurer –Kenya Association of Muslim Medical Professionals

External Examiner Appointment

Nov 2011 - Nov 2014: Aga Khan University, Nairobi M.Med (Obs/Gyn) examinations

Membership of Editorial committees of Journals and other scientific publication

2005 to date:	Kenya Focal point person for The WHO Reproductive Health Library (RHL) an evidence based electronic review journal published by the Department of Reproductive Health and Research at WHO Headquarters in Geneva, Switzerland.
Feb 2009 – Feb 2015:	Journal Editor - Kenya Obstetrics and Gynaecology Society
2010 Sept to date:	Member of the Editorial Board of East African Medical Journal
2012 May to date:	Vice-Chairperson of the Bioethics and Research Committee at The Nairobi Hospital

Awards

2013: KOGS AWARD in recognition to Maternal Health

2015: FIGO AWARD in recognition of Women Obstetrician/Gynaecology

Continuous Medical Education

Have attended continuous medical education lectures /presentations on reproductive health topics held by:

1. The Nairobi Hospital
2. Aga Khan University Hospital
3. Kenya Obstetrics and Gynaecology Society
4. Kenya Medical Association
5. Kenya Medical Women's Association
6. Kenya Association of Muslim Medical Professionals

Membership of Boards

2018 to date: IDeliver Supporting Quality Intrapartum Care, a consortium between Merck for Mothers, VecnaCares, John Hopkins University and M4ID.

2018 to date: National Institute for Health Research (NIHR) Global Health Research Group on Stillbirth Prevention and Management in Sub-Saharan Africa, the University of Manchester.

2014 to date: AMREF Health Africa in Kenya.

2014 to date: Helping Hands for Relief and Development

2014 to 2016: Missed Opportunities on Maternal and Infant Health Project

Membership of Leading Professional Societies

- 1) Kenya Medical Association.
- 2) Kenya Medical Women's Association.
- 3) Kenya Obstetrics and Gynaecological Society.
- 4) Associate Member of the Royal College of Obstetricians and Gynaecologists.

Manuscript Reviews

1. BMC Pregnancy and Childbirth
2. Biomed Central reproductive health
3. Journal of Obstetrics and Gynaecology of East and Central Africa
4. East Africa Medical Journal
5. International Journal of Gynaecology and Obstetrics
6. PLOS One Journal

