


Moi University Staff Profile Template

1. Name and PF No.:	<ul style="list-style-type: none"> • Winstone Nyandiko. • <i>Professor of Pediatrics.</i> • <i>Department of Child Health and Pediatrics, School of Medicine</i> • <i>PF No. 3336</i> 		
2. Passport photo:			
3. Biography:	<p>Professor of Pediatrics in the Department of Child Health and Pediatrics at Moi University School of Medicine, Executive Director of Research and Senior Consultant Pediatric HIV care in the AMPATH partnership and Senior Pediatrician at MTRH New Born Unit.</p> <p>I am involved in the training of upcoming nurses, doctors, nurse-administrators, public health specialists, physicians and pediatricians based on evidence based science and medicine and coordinating researchers in the AMPATH partnership. I have mentored, supervised and examined tens of graduate students doing their masters programs in pediatrics, medicine, immunology and public health.</p> <p>I have particular care and research interest in outcomes of HIV infected children and adolescents, neonatal outcomes and in airway diseases.</p> <p>I have been PI to grants on pediatric adherence and medical informatics, a co-PI in current and past grants that are focused of validating a tool for assessing adherence in children, the impact of disclosure of HIV status to infected children and adolescents, orphans health, animal source food supplementation etc.</p> <p>In these positions, I am heavily tasked with program evaluation and quality assurance. As the Executive Director of Research and Co-director of research in AMPATH Research Network, I manage collaborative research. My responsibilities include policy formulation and building collaboration structures, availing information on funding available, helping in initiating contacts between investigators, managing conflict among investigators, training researchers on ethical research practices and mentoring young researchers.</p>		
4. Academic Qualifications:	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="padding: 5px;">EDUCATIONAL BACKGROUND</td> </tr> <tr> <td style="height: 30px;"> </td> </tr> </table>	EDUCATIONAL BACKGROUND	
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INSTITUTION AND LOCATION	AWARD	YEAR	FIELD OF STUDY
1. KENYA SCHOOL OF GOVERNMENT	Certificate	5/2017	Strategic Leadership Development Program
2. HARVARD SCHOOL OF PUBLIC HEALTH, BOSTON, USA	MPH	5/2011	MPH–Clinical Effectiveness
3. BROWN UNIVERSITY, PROVIDENCE, USA	Fellowship	9/2009	Advanced Research in Clinical Trials
4. BEN GURION UNIVERSITY OF THE NEGEV, ISRAEL	Fellowship	8/2002	Neonatology
5. UNIVERSITY OF NAIROBI, NAIROBI, KENYA	MMED (Pediatrics)	12/2000	Pediatrics and Child Health
6. UNIVERSITY OF NAIROBI, NAIROBI, KENYA	MBChB	12/1993	Medicine & Surgery
7. MANGU HIGH SCHOOL, THIKA, KENYA	KACE	12/1986	“A” Level Secondary High School
8. KAPSABET BOYS HIGH SCHOOL, KAPSABET, KENYA	KCE	12/1984	“O” Level Secondary School
9. KAPROPITA PRIMARY SCHOOL, KABARNET, KENYA	CPE	12/1980	Primary School

5. Research Interests:

1. As a Pediatrician with particular interest in HIV infection, understanding outcomes of children in HIV care is important for designing healthcare services for these children. Using the clinical care data collected during clinic visits, we have conducted retrospective analysis of data to describe the outcomes of children and adolescents who have been seen in care including those who are co-infected with TB. These analyses have informed the care that is provided within the AMPATH program. Several articles are available for adoption by various programs working in similar setups.
 - a. **Nyandiko W**, Vreeman R, Liu H, Shangani S, Sang E, Ayaya S, Braitstein P. Nonadherence to clinic appointments among HIV-infected children in an ambulatory care program in western Kenya. *JAIDS* (2013); 63(2):e49-55. doi: 10.1097/QAI.0b013e31828e1e2c
 - b. **Nyandiko WM**, Vreeman RC, Mwangi A, Ayaya S, Kiptoon P, Musick B, Braitstein P, Abuya JM, Koech J, Hogan J. Survival and Loss to Follow-up Among HIV and Tuberculosis Co-infected Children Below 3 Years of Age Initiating Anti-Tuberculosis Treatment in Western Kenya. *International Journal of Advanced Research* (2014), Volume 2, Issue 8, 249-262
 - c. [Braitstein P](#), [Songok J](#), [Vreeman R](#), [Wools-Kaloustian K](#), [Koskei P](#), [Walusuna L](#), [Ayaya S](#), [Nyandiko W](#), [Yiannoutsos C](#). 'Wamepotea' (They have become lost): Outcomes of HIV-positive and HIV-exposed children lost to follow-up from a large HIV treatment program in western Kenya. *JAIDS* March 9th 2011
 - d. **Nyandiko WM**, Otieno-Nyunya B, Musick B, Bucher-Yiannoutsos S, Akhaabi P, Lane K, Yiannoutsos C.T, Wools-Kaloustian K. Outcomes of HIV-exposed children in western Kenya: efficacy of prevention of mother to child transmission in a resource-constrained setting. *J Acquir Immune Defic Syndr* 2010;54:42–50.

2. My publications have focused in addressing issues related to disclosure and its impact on adherence to treatment and care among children and adolescents infected with HIV. With wide access to ART, children who are perinatally infected with HIV are now surviving to adolescence. This group poses new challenges, including disclosure and their care needs to be tailored to meet their needs. Our team has been in the forefront in providing information on adherence and disclosure issues being faced by adolescents and children. The publications below summarize the work that we had done and are continuing to do. The publications guide healthcare providers and policy makers on various ways of overcoming challenges among children and adolescents in provision of HIV care. By providing evidence and simple clinical approaches, our work has changed the standards of care for children and adolescents and will continue to provide guidance in relevant HIV care settings well into the future.
 - a. Rachel C. Vreeman, Michael L. Scanlon, Ann Mwangi, Matthew Turissini, Samuel O. Ayaya, Constance Tenge, **Winstone M. Nyandiko**. A Cross-Sectional Study of Disclosure of HIV Status to Children and Adolescents in Western Kenya. *PloS one*. 2014 January; 9:1.
<http://dx.plos.org/10.1371/journal.pone.0086616>
 - b. Vreeman RC, Gramelspacher AM, Gisore PO, Scanlon ML, **Nyandiko WM**. Disclosure of HIV status to children in resource-limited settings: a systematic review. *J Int AIDS Soc*. 2013 May 27;16:18466. doi: 10.7448/IAS.16.1.18466
 - c. Yoder RB, **Nyandiko WM**, Vreeman RC, Ayaya SO, Gisore PO, Braitstein P, Wiehe SE. Long-term impact of the Kenya postelection crisis on clinic attendance and medication adherence for HIV-infected children in western Kenya. *J Acquir Immune Defic Syndr*. 2012 Feb 1;59(2):199-206. doi: 10.1097
 - d. Rachel C. Vreeman, **Winstone M. Nyandiko**, Samuel O. Ayaya, Eunice G. Walumbe, David G. Marrero, Thomas S. Inui. The perceived impact of disclosure of pediatric HIV status on pediatric antiretroviral therapy adherence, child well-being, and social relationships in a resource-limited setting. *AIDS Patient Care and STDs*. October 2010, 24(10): 639-649.
3. In addition to the contributions described above, with a team of collaborators, we have developed and validated a tool to measure adherence of ART in pediatrics. Measuring and sustaining children's adherence to antiretroviral is a challenge in pediatric care provision but we have developed a validated tool that should be used in provision of pediatric care in HIV care settings. Description of this work is found in the following articles.
 - a. Rachel Vreeman RC, **Winstone Nyandiko**, Hai Liu, Wanzhu Tu, Michael Scanlon, James Slaven, Samuel Ayaya, Thomas Inui. Measuring adherence to antiretroviral therapy in children and adolescents in western Kenya. *Journal of the International AIDS Society* (2014), 17:19227
 - b. Rachel Vreeman RC, **Winstone Nyandiko**, Edward Liechty, Naftali Busakhala, Imke Bartelink, Rada Savic, Michael Scanlon, Samuel Ayaya, and Terry F. Blaschke. Impact of adherence and Anthropometric Characteristics on Nevirapine Pharmacokinetics and Exposure Among HIV-Infected Kenyan Children. *Journal of Acquired Immune Def Syndr* (2014), Volume 67: 277-286
 - c. Vreeman RC, **WM Nyandiko**, H. Liu, W.Tu, M. Scanlon, JE Slaven, SO Ayaya, TS Inui. Comprehensive Evaluation of caregiver-Reported Antiretroviral therapy

adherence for HIV infected Children. *AIDS Behav*,2015.19(4):p626-34

4. Orphans and vulnerable children is also an area that I have made contribution to. Our work in this area has been disseminated to the policy-makers and supports the continuation of the government's cash transfer programme, and registration of charitable children's institutions which have been shown to provide care as good as that in other environments.
 - a. Ayuku, D., Embleton, L., Koech, J., Atwoli, L., Hu, L., Ayaya, S., Hogan, J., **Nyandiko, W.**, Vreeman, R.C., Kamanda, A., Braitstein, P. The Government of Kenya Cash Transfer for Orphaned and Vulnerable Children: Cross-sectional comparison of household and individual characteristics of those with and without. *BMC International Health and Human Rights* 2014; 14:25 doi:10.1186/1472-698X-14-25
 - b. Embleton, L., Ayuku, D., Kamanda, A., Atwoli, L., Ayaya, S., Vreeman, R., **Nyandiko, W.**, Gisore, P., Koech, J., Braitstein, P. Models of care for orphaned and separated children and children's rights: cross-sectional evidence from western Kenya. *BMC Health and Human Rights* 2014; 14:9 doi:10.1186/1472-698X-14-9
 - c. Paula Braitstein, Samuel Ayaya, **Winstone M. Nyandiko**, Allan Kamanda, Julius Koech, Peter Gisore, LukoyeAtwoli, Rachel C. Vreeman, Corey Duefield, David O. Ayuku. Nutritional Status of Orphaned and Separated Children and Adolescents Living in Community and Institutional Environments in UasinGishu County, Kenya. *Plos One*.July 2013; Volume 8; Issue; e70054
 - d. Rachel T. Thompson, Eric M. Meslin, Paula K. A. Braitstein, **Winstone M. Nyandiko**, Samuel O. Ayaya, Rachel C. Vreeman: The Vulnerabilities of Orphaned Children Participating in Research: A Critical Review and Factors for Consideration for Participation in Biomedical and Behavioral Research. *Journal of Empirical Research on Human Research Ethics*, Vol. 7, No. 4, pp. 56–66. print issn 1556-2646, online issn 1556-2654. © 2012

Current Grants:

1. **RESPECT PLUS-(2019-2024):** Addressing HIV Drug Resistance Gaps in a Cohort of Perinatally Infected Kenyan Children and Adolescents-(**Role-Nyandiko, Co-PI**). **NIH funded**
2. **TEACH-HADITHI Study-(2018-2020):** Teacher Training Intervention to Reduce Classroom HIV related Stigma in Kenya-(**Role-Nyandiko, Co-PI**). **NIH funded.**
3. **RESPECT Study-(2016-2019):** HIV Drug Resistance Gaps in a Cohort of Perinatally Infected Kenyan Children and Adolescents)-(**Role-Nyandiko, Co-PI**) **NIH funded**
4. **LIVING Study:** Multi-centre Trial on Efficay, Acceptability and Tolerability of Lopinavir Pellets Among HIV infected Children - (**Role-Nyandiko, Site-PI**). **DNDi funded**
5. **Patient-Centered Disclosure Intervention in HIV infected Children (HADITHI) - (2012-2016)** (Nyandiko-Co-PI)“To assess the comparative effectiveness and the impact of a patient-centered disclosure intervention for HIV-infected Kenyan children”. (Role-Co-PI). **NIH Funded**
6. **Stigma Assessment in Families (SAFI) HADITHI supplement (-2014-2016)**(Nyandiko-Co-PI) (Role-Co-PI). **NIH Funded**

	<p>7. IeDEA Comprehensive Assessment of Adherence to Medication in Pediatrics (2015-2016) (Nyandiko-Co-PI) “To assess the validity and reliability of a pediatric adherence measurement tool” (Role-Co-PI).NIH Funded</p>
<p>6. Publications:</p>	<ol style="list-style-type: none"> 1. 2022: John Humphrey, MD , Miranda Triedman, BS, Winstone Nyandiko, MBChB, MMed, Edwin Sang, MS, Emmanuel Kemboi, BS, Marsha Alera, MS, Vlad Novitsky, MD, PhD, Akarsh Manne, MS, Eslyne Jepkemboi, BS, Millicent Orido, BS, Edith Apondi, MBChB, MMed, Rachel Vreeman, MD, Kara Wools-Kaloustian, MD, and Rami Kantor, MD. A Challenging Knowledge Gap: Estimating Modes of HIV Acquisition Among Adolescents Entering HIV Care During Adolescence. <i>Global Pediatric Health</i> Volume 9: 1–8 2. 2022: Judith J. Toromo, Edith Apondi, Winstone M. Nyandiko, Mark Omollo , Salim Bakari , Josephine Aluoch , Rami Kantor , J. Dennis Fortenberry , Kara Wools-Kaloustian, Batya Elul , Rachel C. Vreeman, Leslie A. Enane. “I have never talked to anyone to free my mind” – challenges surrounding status disclosure to adolescents contribute to their disengagement from HIV care: a qualitative study in western Kenya. <i>BMC Public Health</i> (2022) 22:1122 https://doi.org/10.1186/s12889-022-13519-9 3. 2021: Edith Apondi, Juddy Wachira, Rose Ayikukwei, Catherine Kafu, Jael Onyango, Mark Omollo, Becky Genberg, Winstone Nyandiko & Paula Braitstein (2021). Barriers to ART adherence among school students living with HIV in Kenya, <i>African Journal of AIDS Research</i>, 20:3, 232-237, DOI: 10.2989/16085906.2021.1979606 4. 2021: Onchong’a C, Nyandiko W, Nabakwe E. Prevalence of pain and adequacy of analgesic prescription among children admitted at Trans Nzoia County Referral Hospital, Kenya. <i>East African Medical Journal</i>. 2021 May 21;98(3):3580-9. 5. 2021: Nyandiko, W.M., Kiptoon, P. and Lubuya, F.A., Neonatal hypothermia and adherence to World Health Organisation thermal care guidelines among newborns at Moi Teaching and Referral Hospital, Kenya. <i>PLoS One</i>, 2021. 16(3): p. e0248838. 6. 2021: Ateka BM, Songok J, Nyandiko W. Causative Organisms, Antibiotic Sensitivity Patterns and Risk Factors Associated with Neonatal Sepsis at Moi Teaching and Referral Hospital, Kenya. <i>East African Medical Journal</i> 98(1): Jan 2021 7. 2021: Chory A, Nyandiko W, Martin R, Aluoch J, Scanlon M, Ashimosi C, Njoroge T, McAteer C, Apondi E, Vreeman R. HIV-Related Knowledge, Attitudes, Behaviors and Experiences of Kenyan Adolescents Living with HIV Revealed in WhatsApp Group Chats. <i>Journal of the International Association of Providers of AIDS Care (JIAPAC)</i>. 2021 Mar 3;20:2325958221999579. 8. 2020: Enane LA, Apondi E, Toromo J, Bosma C, Ngeresa A, Nyandiko W, Vreeman RC. “A problem shared is half solved”—a qualitative assessment of barriers and facilitators to adolescent retention in HIV care in western Kenya. <i>AIDS care</i>. 2020 Jan 2;32(1):104-12. 9. 2020: Koech J, Nyandiko W, Koech M, Songok J. Adherence to Isonazid Preventive Therapy among HIV I nfected Children at AMPATH Clinic in Moi Teaching and Referral Hospital, Eldoret. <i>East African Medical Journal</i>. 2020;97(10):3127-36. 10. 2020: McCrary, A.W., Nyandiko, W.M., Ellis, A.M., Chakraborty, H., Muehlbauer, M.J., <i>et al.</i>, <i>Early cardiac dysfunction in children and young adults with perinatally acquired HIV</i>. <i>Aids</i>, 2020. 34(4): p. 539-548.

11. 2019: Karingi W, Ayaya S, **Nyandiko W**, Koech M. Transitioning adolescents with diabetes mellitus from pediatric to adult clinical care at Moi Teaching and Referral Hospital, Eldoret, Kenya. *East African Medical Journal*. 2019;96(4):2607-15.
12. 2019: Mccrary A, **Nyandiko W**, Thielman N, Bloomfield G, Kisslo J, Barker P. Utility and reliability of left ventricular myocardial performance index in children and adolescents perinatally infected with HIV: P756. *European Heart Journal Cardiovascular Imaging*. 2019 Jan;20.
13. 2019: Vreeman RC, Scanlon ML, Tu W, Slaven J, McAteer C, Aluoch J, Ayaya S, **Nyandiko WM**. Validation of an HIV/AIDS stigma measure for children living with HIV and their Families. *Journal of the International Association of Providers of AIDS Care (JIAPAC)*. 2019 Oct 3;18:2325958219880570.
14. 2019: **Nyandiko W**, Holland S, Vreeman R, DeLong A, Manne A, Novitsky V, Coetzer M, Ngeresa A, McAteer C, Aluoch J, Orido M. 885. HIV-1 Treatment Failure and Extensive Drug Resistance in Perinatally Infected Children Failing First-Line Antiretroviral Therapy in Western Kenya. In *Open Forum Infectious Diseases* 2019 Oct 2 (Vol. 6).
15. 2019: Vreeman RC, Scanlon ML, Tu W, Slaven JE, McAteer CI, Kerr SJ, Bunupuradah T, Chanthaburanum S, Technau KG, **Nyandiko WM**. Validation of a self-report adherence measurement tool among a multinational cohort of children living with HIV in Kenya, South Africa and Thailand. *Journal of the International AIDS Society*. 2019 May; 22(5):e25304.
16. 2019: Bwaley J, **Nyandiko W**, Oyungu E. Bacteriological Profile of Expressed Breast Milk at the Newborn Unit of Moi Teaching and Referral Hospital, Eldoret, Kenya. *EAMJ* 2019 95 (7):
<https://www.ajol.info/index.php/eamj/article/view/189076>
17. 2019: Rachel C. Vreeman, **Winstone M. Nyandiko**, Irene Marete, Ann Mwangi, Carole I. McAteer, Alfred Keter , Michael L. Scanlon, Samuel O. Ayaya , Josephine Aluoch and Joseph Hogan. Evaluating a patient-centred intervention to increase disclosure and promote resilience for children living with HIV in Kenya. *AIDS* 2019, Vol 33 (Suppl 1):S93-S101.
18. 2018: Vreeman RC, Scanlon ML, Tu W, Slaven J, Ayaya S, **Nyandiko W**. Validation of a Short Adherence Questionnaire for Children Living with HIV on Antiretroviral Therapy in Kenya. *Journal of the International Association of Providers of AIDS Care (JIAPAC)*. 2018 Dec 24;17:2325958218820329.
19. 2018: McHenry MS, Apondi E, McAteer CI, **Nyandiko WM**, Fischer LJ, Ombitsa AR, Aluoch J, Scanlon ML, Vreeman RC. Tablet-based disclosure counselling for HIV-infected children, adolescents, and their caregivers: a pilot study. *African Journal of AIDS Research*. 2018 Sep 28;17(3):249-58.
20. 2018: Vreeman R, **Nyandiko W**, McAteer MS, Keter A, Scanlon ML, Samuel O, Aluoch J, Hogan J. A randomized, controlled trial of a patient-centered disclosure counseling intervention for Kenyan children living with HIV. In *Journal of the International Aids Society* 2018 Jul 1 (Vol. 21, Pp. 150-150). The Atrium, Southern Gate, Chichester Po19 8sq, W Sussex, England: John Wiley & Sons Ltd.
21. 2018: **Nyandiko WM**, Ng'etich E, Sara NE. Outcomes and associated factors among premature neonates with respiratory distress syndrome managed at Moi Teaching and Referral Hospital, Eldoret, Kenya. *East African Medical Journal*. 2018;95(1):1098-107.
22. 2018: I Andrieux-Meyer, O Salami, R Omollo, T Egondi, M Waweru, S Odiambo, M

- Wasunna, V Musiime, E Obimbo, E Bukusi, P Oyaro, J Mwanga-Amumpaire, J Mbutia, J Lee, F Kyhomuhendo, F Simon, **W Nyandiko**, A Kekitiinwa, M Lallemand, D Wamalwa. Pellets' formulation of Lopinavir/ritonavir in children: 48-week evolution of viral suppression across age categories in the LIVING study. In Journal of the International AIDS Society 2018 Jul 1 (Vol. 21, pp. 38-38). The Atrium, Southern Gate, Chichester Po19 8sq, W Sussex, England: John Wiley & Sons Ltd.
23. 2017: Rebeiro PF, Bakoyannis G, Musick BS, Braithwaite RS, Wools-Kaloustian KK, **Nyandiko W**, Some F, Braitstein P, Yiannoutsos CT. Observational Study of the Effect of Patient Outreach on Return to Care: The Earlier the Better. J Acquir Immune Defic Syndr. 2017 Oct 1;76(2):141-148. doi: 10.1097/QAI.0000000000001474
 24. 2017: Dufort EM, DeLong AK, Mann M, **Nyandiko WM**, Ayaya SO, Hogan JW, Kantor R. Misclassification of Antiretroviral Treatment Failure Using WHO 2006 and 2010/2013 Immunologic Criteria in HIV-Infected Children and Adolescents in Western Kenya. J Pediatric Infect Dis Soc. 2017 Sep 1;6(3):285-288. doi: 10.1093/jpids/piw018.
 25. 2017: Tu W, **Nyandiko WM**, Liu H, Slaven JE, Scanlon ML, Ayaya SO, Vreeman RC. Pharmacokinetics-based adherence measures for antiretroviral therapy in HIV-infected Kenyan children. J Int AIDS Soc. 2017 Jun 15;20(1):21157. doi: 10.7448/IAS.20.1.21157. PMID:28605170.
 26. 2017: Embleton L, Nyandat J, Ayuku D, Sang E, Kamanda A, Ayaya S, **Nyandiko W**, Gisore P, Vreeman R, Atwoli L, Galarraga O, Ott MA, Braitstein P. Sexual Behavior Among Orphaned Adolescents in Western Kenya: A Comparison of Institutional- and Family-Based Care Settings. J Adolesc Health. 2017 Apr;60(4):417-424. doi: 10.1016/j.jadohealth.2016.11.015. Epub 2017 Jan 16.
 27. 2017: Felicitas Okwako, **Winstone Nyandiko**, Eren Oyungu. Short term survival of premature infants admitted to the new born unit at Moi Teaching and Referral Hospital, Kenya, EAMJ vol: 94 no 10. October 2017
 28. 2016: Marete Irene, P. Koskei, A. Koskei, **Winstone Nyandiko**. Malaria Parasitemia Among Asymptomatic Infants Seen In A Malaria Endemic Region of Western Kenya. EAMJ April 2016, 93 (4):135-140
 29. 2016: McAteer CI, Truong NT, Aluoch J, Deathe AR, **Nyandiko WM**, Marete I, Vreeman RC. A systematic review of measures of HIV/AIDS stigma in paediatric HIV-infected and HIV-affected populations. J Int AIDS Soc. 2016 Oct 6;19(1):21204. doi: 10.7448/IAS.19.1.21204. eCollection 2016.
 30. 2016: Neumann CG, **Nyandiko W**, Siika A, Drorbaugh N, Samari G, Etyyang G, Ernst JA. Morbidity and nutrition status of rural drug-naïve Kenyan women living with HIV. Afr J AIDS Res. 2016 Sep;15(3):283-91. doi: 10.2989/16085906.2016.1205111.
 31. 2016: McHenry MS, **Nyandiko WM**, Scanlon ML, Fischer LJ, McAteer CI, Aluoch J, Naanyu V, Vreeman RC. HIV Stigma: Perspectives from Kenyan Child Caregivers and Adolescents Living with HIV. J Int Assoc Provid AIDS Care. 2017 May/Jun;16(3):215-225. doi: 10.1177/2325957416668995. Epub 2016 Sep 21.
 32. 2015: Vreeman RC, Scanlon ML, McHenry MS, **Nyandiko WM**. The physical and psychological effects of HIV infection and its treatment on perinatally HIV-infected children. J Int AIDS Soc. 2015 Dec 2;18(Suppl 6):20258. doi: 10.7448/IAS.18.7.20258. eCollection 2015
 33. 2015: Kigen G, Busakhala N, Ogaro F, Chesire E, Saat N, Too R, **Nyandiko WM**. (2015). A Review of the Ingredients Contained in Over the Counter (OTC) Cough Syrup Formulations in Kenya. Are They Harmful to Infants? Plos One.10(11): e0142092. doi:10.1371/journal.pone.0142092
 34. 2015: Vreeman RC, ML Scanlon, TS Inui, CI McTeer, LJ Fischer, MS McHenry,

- WM Nyandiko.** “Why did you not tell me?”: Perspectives of caregivers and children on social environment surrounding child HIV disclosure in Kenya. *AIDS*, 2015. 29 suppl 1: p s47-55.
35. 2015: Winston SE, AK Chirchir, LN Muthoni, D. Ayuku, J.Koech, **W Nyandiko**, EJ Carter, P Braitstein. Prevalence of sexually transmitted infections including HIV in street connected adolescents in western Kenya. *Sexually Transmitted Infections*, 2015; 91(5):353-9.
 36. 2015: Vreeman RC, **WM Nyandiko**, H. Liu, W.Tu, M. Scanlon, JE Slaven, SO Ayaya, TS Inui. Comprehensive Evaluation of caregiver-Reported Antiretroviral therapy adherence for HIV infected Children. *AIDS Behav*, 2015. 19(4):p626-34
 37. 2014: Rachel Vreeman RC, **Winstone Nyandiko**, Hai Liu, Wanzhu Tu, Michael Scanlon, James Slaven, Samuel Ayaya, Thomas Inui. Measuring adherence to antiretroviral therapy in children and adolescents in western Kenya. *Journal of the International AIDS Society* (2014), 17:p19227
 38. 2014: Rachel Vreeman RC, **Winstone Nyandiko**, Edward Liechty, Naftali Busakhala, Imke Bartelink, Rada Savic, Michael Scanlon, Samuel Ayaya, and Terry F. Blaschke. Impact of adherence and Anthropometric Characteristics on Nevirapine Pharmacokinetics and Exposure Among HIV-Infected Kenyan Children. *Journal of Acquired Immune Def Syndr* (2014), Volume 67: 277-286
 39. 2014: Lonnie Embleton, David O. Ayuku, Allan Kamanda, Lukoye Atwoli, Samuel Ayaya, Rachel Vreeman, **Winstone M. Nyandiko**, Peter Gisore, Julius Koech, Paula Braitstein. Models of care for orphaned and separated children and upholding children’s rights: cross-sectional evidence from western Kenya. *BMC International Health and Human rights* (2014), 14: p9. <http://www.biomedcentral.com/1472-698x/14/9>
 40. 2014: David O. Ayuku, Lonnie Embleton, Julius Koech, Lukoye Atwol, Liangyuan Hu, Samuel Ayaya, Joseph Hogan, **Winstone M. Nyandiko**, Rachel Vreeman, Allan Kamanda, Paula Braitstein. The government of Kenya cash transfer for orphaned and vulnerable children: cross-sectional comparison of household and individual characteristics of those with and without. *BMC International Health and Human rights* (2014), 14: p25. <http://www.biomedcentral.com/1472-698x/14/25>
 41. 2014: **Nyandiko WM**, Vreeman RC, Mwangi A, Ayaya S, Kiptoon P, Musick B, Braitstein P, Abuya JM, Koech J, Hogan J. Survival and Loss to Follow-up Among HIV and Tuberculosis Co-infected Children Below 3 Years of Age Initiating Anti-Tuberculosis Treatment in Western Kenya. *International Journal of Advanced Research* (2014), Volume 2, Issue 8, 249-262
 42. 2014: Rachel C. Vreeman¹, Michael L. Scanlon¹, Ann Mwangi, Matthew Turissini, Samuel O. Ayaya, Constance Tenge, **Winstone M. Nyandiko**. A Cross-Sectional Study of Disclosure of HIV Status to Children and Adolescents in Western Kenya. *PloS one*. 2014 January; 9:1. <http://dx.plos.org/10.1371/journal.pone.0086616>
 43. 2014: Kunapareddy CJ, **W Nyandiko**, T. Inui, S. Ayaya, DG Marrero, R Vreeman. A Qualitative Assessment of Barriers to Antiretroviral therapy Adherence Among adolescents in western Kenya. *Journal of HIV/AIDS & Social Services*, 2014. 13(4): p 383-401
 44. 2013: **Nyandiko W**, Vreeman R, Liu H, Shangani S, Sang E, Ayaya S, Braitstein P. Nonadherence to clinic appointments among HIV-infected children in an ambulatory care program in western Kenya. *JAIDS* (2013); 63(2):e49-55. [10.1097/QAI.0b013e31828e1e2c](https://doi.org/10.1097/QAI.0b013e31828e1e2c)
 45. 2013: Paula Braitstein, Samuel Ayaya, **Winstone M. Nyandiko**, Allan Kamanda, Julius Koech, Peter Gisore, Lukoye Atwoli, Rachel C. Vreeman, Corey Duefield, David O. Ayuku. Nutritional Status of Orphaned and Separated Children and Adolescents Living in Community and Institutional Environments in UasinGishu County, Kenya. *Plos One*. July 2013; Volume 8; Issue; e70054.

46. 2013: Vreeman RC, Gramelspacher AM, Gisore PO, Scanlon ML, **Nyandiko WM**. Disclosure of HIV status to children in resource-limited settings: a systematic review. *J Int AIDS Soc.* 2013 May 27;16:18466. doi: 10.7448/IAS.16.1.18466
47. 2013: William Tierney, **Winstone Nyandiko**, Abraham Siika, Kara woos-Kaloustian, John Sidle, Jepchirchir Kiplagat, April Bell, Thomas Inui. "These are Good problems to have...": Establishing Collaborative Research Partnership in East Africa. *J Gen Intern Medicine* 28 (suppl 3): s625-38
48. 2012: Paul Ayuo, Beverly Musick, Hai Liu, Paula Braitstein, **Winstone Nyandiko**, Boaz Otieno-Nyunya, Adrian Gardener, Kar Woos-Kaloustian. Frequency and Factors associated with adherence to and completion of combined antiretroviral therapy for prevention of mother to child transmission in western Kenya. *Journal of the International AIDS Society* (2012), 15:17994
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