

## Supplementary Appendix

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: King CL, Suamani J, Sanuku N, et al. A trial of a triple-drug treatment for lymphatic filariasis. N Engl J Med 2018;379:1801-10. DOI: 10.1056/NEJMoa1706854

## **Supplementary Appendix**

### Table of Contents

Page 1. Author contributions

Page 2. Tables S1A, B and C. Generalized estimating equation.

Authors' contributions: CLK, JWK and GJW designed the study. JKS, NS, Y-CC, BM and CLK collected data in the field. CLK, LJR, PMS, BM and Y-CC coordinated the field study. CLK, Y-CC, GJW and JWK analyzed the data. CLK vouches for the data and analysis. CLK, GJW and JWK decided to publish. CLK wrote the first draft that was revised by GJW and JWK. All authors contributed to writing subsequent drafts.

**Supplementary Table 1A. Tests for Main Effects and Treatment x Time interaction in GEE Model.**

Effect	P-value
BASELINE	<.001
TREATMENT ARM	<.001
TIME	0.002
TREAT*TIME	<.001

**Supplementary Table 1B. Adjusted Geometric Mean Microfilaria Levels at 12, 24 and 36 Months after Baseline (95% Confidence Interval).**

Treatment Group	Time Period (months)	Adjusted Mean (95% Confidence Interval)
DEC/ALB x 1	12	58.58 (41.92, 81.85)
DEC/ALB x 3	12	50.26 (31.45, 80.34)
IVM/DEC/ALB x 1	12	0.01 (0, 0.11)
DEC x 1	24	16.29 (6.06, 43.78)
DEC x 3	24	2.22 (0.78, 6.31)
IVM/DEC/ALB x 1	24	0.13 (0.03, 0.53)
DEC x 1	36	9.26 (2.78, 30.79)
DEC x 3	36	0.02 (0, 0.1)
IVM/DEC/ALB x 1	36	0.52 (0.09, 2.95)

**Supplementary Table 1C. Two-way Comparisons of Treatment Regimens: Adjusted Mean Difference in Geometric Mean Microfilaria Levels (95% Confidence Interval) at 12, 24 and 36 Months after Baseline.**

Treatment Group Comparison	Time Period (months)	Adjusted Mean Difference and 95% CI (Log Scale)	Adjusted Mean and 95% CI (Multiplicative Scale)	P-value	
DEC x 1 – DEC x 3	12	0.15 (0.73, -0.42)	1.17 (0.66, 2.07)	0.602	
DEC x 1 - IVM/DEC/ALB x 1	12	8.38 (10.51, 6.25)	4360.64 (516.42, 36820.97)	0.000	
DEC x 3 - IVM/DEC/ALB x 1	12	8.23 (10.39, 6.07)	3741.71 (431.2, 32468.59)	0.000	
DEC x 1 – DEC x 3	24	1.99 (3.43, 0.56)	7.33 (1.74, 30.81)	0.007	
DEC x 1 - IVM/DEC/ALB x 1	24	4.81 (6.51, 3.11)	122.34 (22.33, 670.16)	0.000	
DEC x 3 - IVM/DEC/ALB x 1	24	2.81 (4.53, 1.1)	16.69 (3, 92.86)	0.001	
DEC x 1 – DEC x 3	36	6.18 (8.22, 4.14)	481.84 (62.49, 3715.3)	0.000	
DEC x 1 - IVM/DEC/ALB x 1	36	2.88 (4.98, 0.78)	17.77 (2.18, 145.16)	0.007	
DEC x 3 - IVM/DEC/ALB x 1	36	-3.3 (-0.94, -5.66)	0.04 (0, 0.39)	0.006	