

THE LANCET

Digital Health

Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Rono H, Bastawrous A, Macleod D, et al. Effectiveness of an mHealth system on access to eye health services in Kenya: a cluster-randomised controlled trial. *Lancet Digit Health* 2021; **3**: e414–24.

Table S1: cluster characteristics

		<i>Control arm</i>	<i>Intervention arm</i>
<i>Distance from KEU</i>	Mean (SD)	19.8km (7.9)	18.3km (9.9)
<i>Population</i>	Mean (SD)	3347 (955)	3797 (1397)
<i>Number of clusters per Subcounty</i>	Cherangani	7	7
	Endebes	2	2
	Kiminini	2	3
	Kwanza	4	4
	Saboti	3	2
<i>Number of clusters in each direction from KEU</i>	East	5	5
	South	5	5
	West	3	4
	North	5	4

KEU – Kitale Eye unit

Table S2: Diagnosis of the participants who attended Triage and Hospital appointments at Kitale Eye Unit in Trans Nzoia county, Kenya.

Eye conditions	Triage				Hospital*			
	Control arm		Intervention Arm		Control arm		Intervention Arm	
	n/3070	%	n/9387	%	n/199	%	n/520	%
Allergic conjunctivitis	841	(27.4%)	2518	(26.8%)	21	(10.6%)	53	(10.2%)
Presbyopia	718	(23.4%)	2609	(27.8%)	9	(4.5%)	22	(4.2%)
Other Conjunctivitis	355	(11.6%)	857	(9.1%)	1	(0.5%)	10	(1.9%)
Cataracts	324	(10.6%)	1038	(11.1%)	60	(30.2%)	128	(24.6%)
Refractive errors	320	(10.4%)	1006	(10.7%)	50	(25.1%)	153	(29.4%)
Normal	153	(5.0%)	441	(4.7%)	2	(1.0%)	6	(1.2%)
Retinal diseases	92	(3.0%)	199	(2.1%)	14	(7.0%)	39	(7.5%)
Conjunctival growths	60	(2.0%)	162	(1.7%)	13	(6.5%)	28	(5.4%)
Corneal diseases	53	(1.7%)	127	(1.4%)	4	(2.0%)	11	(2.1%)
Glaucoma	31	(1.0%)	47	(0.5%)	1	(0.5%)	7	(1.4%)
Eye injury & FB in eye	11	(0.4%)	29	(0.3%)	2	(1.0%)	3	(0.6%)
Chalazion & lid swellings	7	(0.2%)	35	(0.4%)	4	(2.0%)	14	(2.7%)
Uveitis	4	(0.1%)	20	(0.2%)	2	(1.0%)	3	(0.6%)
Lid inflammations	4	(0.1%)	14	(0.2%)	0	(0.0%)	14	(2.7%)
Others	97	(3.2%)	285	(3.0%)	16	(8.0%)	43	(8.3%)

* 43 participants checked into the hospital but left before being attended to.