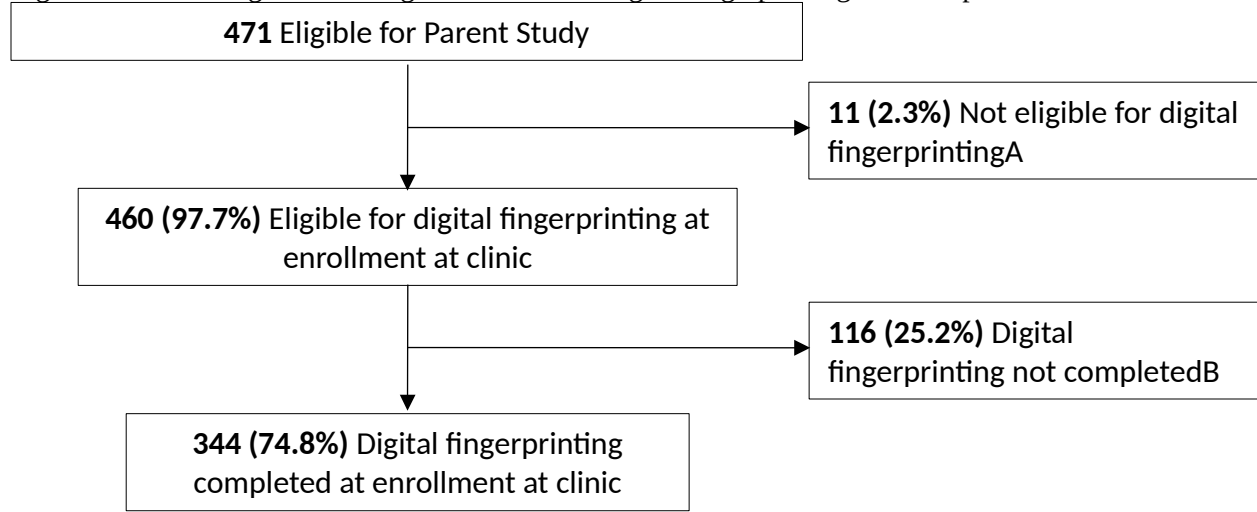


Multimedia Appendix 3: Index Patient Results

Figure A1: Flow diagram showing enrollment and digital fingerprinting of index patients



^A Children under the age of 5 were not eligible for digital fingerprinting.

^B 64 (55.2%) fingerprint scan failures were classified as software problems, 47 (40.5%) as hardware problems, and 5 (4.3%) as unclassified problems.

Table A1: Characteristics of index patients

Characteristic n (%)	Digital Fingerprint (n=344)	No Digital Fingerprint (n=116)	P-value ^{A,B}
Age			
Children 5-14 years	10 (2.9)	3 (2.6)	.86
Adults 15 and older	334 (97.1)	113 (97.4)	
Sex (%)			
Female	144 (41.9)	51 (44.0)	.69
Male	200 (58.2)	65 (56.0)	
Proportion living with HIV (%)			
Positive	218 (63.4)	74 (63.8)	.94
Negative or Unknown	126 (36.6)	42 (36.2)	

^A Chi square test of significance used

^B P-values were not adjusted for clustering by CHW, as clustering was found to be modest (ICC=0.22)