Appendix 1: Data collection instrument

Demographics

Gender: Male ☐ Female ☐

Age group (tick one)

1. 20-24
2. 25-29
3. 30-34
4. 35-39
5. 40-44
6. 45-49
7. 50+

Level of education

Certificate ☐ Diploma ☐ Advance Diploma ☐ Degree Masters ☐ ☐ Other……

Department

Comprehensive Care Clinic (CCC) ☐ Chest Clinic ☐ Outpatient ☐ Maternal and Child Clinic (MCH) ☐

Other (Specify) ……..

Type of EMR

Kenya EMR ☐ TiberBu ☐ AfyaKe ☐ Other EMR (specify)…….

Has any form of Information Technology training. Yes ☐ No ☐

Working experience

i) 0-4 years
ii) 5-9 years
iii) 10-14 years
iv) >15 years

Constructs	Item	Strongly agree	agree	Neutral	Disagree	Strongly disagree
DPHIs rollout	**Design with the user in mind**					
DD1	I was engaged to give my input on the design of the EMR (or its enhancement).					
DD2	I was made aware on how the EMR would change my performance at my job					
DD3	I was sensitized on the patient information will flow while using the EMR					
DD4	I was involved in the pilot of the EMR (or its enhancement) before rolling out					
DD5	The EMR was designed to make my work easier					
DD6	The EMR was designed to make the donors work easier					
DD7	The EMR was designed to improve the quality of care given to patients					
	User skills and capacity					
DD8	I was trained on how to use the EMR during the deployment					
DD9	I get frequent trainings and sensitizations on the use of EMR					
DD10	The trainings and sensitizations make my use of the EMR easier					
DD11	I am competent in my skills to use the EMR					
	Controllability (Volitional control)					
DD12	I use the EMR because I am expected to					
DD13	I use the EMR because my colleagues use it					
DD14	I use the EMR because it makes my work easier					

DD15	I feel motivated to work when I use the EMR					
Perceived usefulness	**Technological Acceptance Model (TAM) constructs and statements**					
PU1	Using the EMR makes my work easier					
PU2	Using the EMR makes my work faster					
	Using the EMR allows me to do more than I would normally do compared to if I was not using it					
PU3	I am more efficient when using the electronic medical record than the paper-based records					
PU4	I find this EMR useful to my work					
Perceived Ease of Use						
PEOU1	Learning to use the EMR is easy for me					
PEOU2	I feel I have adequate skills that make it easy to use the EMR					
PEOU3	It is easy to get the EMR do what I want it to do					
PEOU4	I find it flexible to interact with the EMR					
PEOU5	I find the EMR easy to use					
Actual use						
AU1	I use the EMR 100% of the time for my job					
	I use the EMR 90% of the time for my job					
	I use the EMR 50 % of the time for my job					
	I use the EMR less than 50% of the time for my job					
AU2	I do not use the EMR at all					
AU3	I only use the EMR because I am expected to					

Sustainability						
SUST1	I will continue to use the EMR even after the project comes to an end because it is beneficial to my work					
SUST2	I believe the EMR will continue to be in use and functional beyond donor funding					
SUST3	The required resources (infrastructure, human resource, equipment, internet, electricity) are available for the EMR after project close out					
SUST4	The EMR is currently integrated / interoperable with other health information systems in the health facility, therefore it is likely to be sustainable					
SUST5	A government led EMR is likely to be sustainable compared to a donor funded one					
SUST6	A donor funded EMR is likely to be sustainable compared to government led one					
SUST7	It does not matter who leads the EMR roll out as long as the resources are available, and I continue to use the EMR					
SUST8	The EMR is likely to be sustainable because all the relevant stakeholders are frequently involved.					