

Supplementary Table 1: Performance of IPC activities by domain and period, October 2020-September 2021, Nairobi, Kenya

	IPC domain	Baseline Score	Quarter 2	Quarter 3	Quarter 4	Endline score (Qtr2-4)	% change (Endline-Baseline)	P-value
1	Policy coordination and training	15%	82%	100%	100%	94%	79%	<0.001
	Is there an IPC focal person in place?	21 (43%)	48 (98%)	49 (100%)	49 (100%)	99.3%	56.3%	< 0.001*
	Is there an active IPC Committee?	9 (18%)	40 (82%)	49 (100%)	49 (100%)	98.6%	80.6%	< 0.001*
	Are there approved procedures for screening and triaging?	3 (6%)	47 (100%)	49 (100%)	49 (100%)	73.5%	67.5%	< 0.001*
	Are there training and educational materials on screening and triage?	3 (6%)	5 (10%)	49 (100%)	49 (100%)	70.1%	64.1%	< 0.001*
	Are there IPC policies and guidelines?	9 (18%)	48 (98%)	49 (100%)	49 (100%)	99.3%	81.3%	< 0.001*
	Is there an IPC work plan in place addressing the gaps identified during IPC audits?	4 (8%)	47 (96%)	49 (100%)	49 (100%)	98.6%	90.6%	< 0.001*
	Is the IPC work plan displayed in a public place?	4 (8%)	47 (96%)	49 (100%)	49 (100%)	98.6%	90.6%	< 0.001*
2	Patient screening and Triage	45%	92%	99%	100%	97%	52%	<0.001
	Are there designated staff to screen and triage	14 (29%)	45 (92%)	49 (100%)	49 (100%)	97.3%	68.3%	< 0.001*
	Is there a designated space for screening and triage?	16 (33%)	43 (88%)	49 (100%)	49 (100%)	95.9%	62.9%	< 0.001*
	Does your facility have the necessary supplies and equipment to screen and triage patients including Thermo gun?	44 (90%)	49 (100%)	49 (100%)	49 (100%)	100.0%	10.0%	< 0.001*
	Are there training and educational materials on screening and triage?	3 (6%)	5 (10%)	49 (100%)	49 (100%)	70.1%	64.1%	< 0.001*
	Does the facility carry outpatient screening and triage?	15 (31%)	44 (90%)	48 (98%)	49 (100%)	95.9%	64.9%	< 0.001*
3	Healthcare worker screening & triage	35%	78%	80%	72%	77%	42%	<0.001
	No. of facilities with Procedures for HCW Screening	3 (6%)	46 (94%)	49 (100%)	49 (100%)	98.0%	92.0%	< 0.001*

	No. of facilities with designated staff to screen and triage healthcare workers	4 (8%)	41 (84%)	49 (100%)	49 (100%)	98.0%	90.0%	< 0.001*
	No. of facilities with dedicated space to screen and triage healthcare workers	20 (41%)	47 (96%)	49 (100%)	49 (100%)	98.0%	57.0%	< 0.001*
	Number of facilities with necessary supplies and equipment to screen and triage healthcare workers	44 (90%)	49 (100%)	49 (100%)	49 (100%)	98.0%	8.0%	0.003
	Number of facilities carrying out active healthcare workers screening for COVID-19	1 (2%)	11 (22%)	7 (14%)	3 (6%)	98.0%	96.0%	0.007
4	TB Clinic measures	38%	73%	81%	86%	80%	42%	<0.001
	Health talks given to waiting clients on TB/COVID & other respiratory infections	37 (76%)	47 (96%)	47 (96%)	47 (96%)	95.9%	19.9%	< 0.001*
	Patients are screened for cough at OPD	14 (29%)	41 (84%)	46 (94%)	47 (96%)	91.2%	62.2%	< 0.001*
	TB /COVID suspects/patients separated from other patients	19 (39%)	41 (84%)	45 (92%)	47 (96%)	90.5%	51.5%	< 0.001*
	The facility screened all the HCWs for TB in the last 1 year	1 (2%)	3 (6%)	11(22%)	19 (39%)	22.4%	20.4%	< 0.001*
	N95 respirator/masks are used by staff in high-risk services (e.g., TB & Lab)	27 (55%)	42 (86%)	44 (90%)	47 (96%)	90.5%	35.5%	< 0.001*
5	Laboratory IPC measures	71%	85%	87%	90%	87%	16%	<0.001
	TB/COVID -19 & other respiratory diseases Informational Signages are available	10 (20%)	43 (88%)	45 (92%)	47 (96%)	91.8%	71.8%	0.001*
	Laboratory staff are trained in General Lab biosafety	43 (88%)	44 (90%)	44 (90%)	44 (90%)	89.8%	1.8%	0.868
	Laboratory staff have adequate and appropriate PPE	46 (94%)	46 (94%)	46 (94%)	46 (94%)	93.9%	-0.1%	0.088
	Biosafety cabinet/Hood have up to date certification	25 (51%)	30 (61%)	32 (65%)	36 (73%)	66.7%	15.7%	0.974
	Final waste Holding area available at the facility	44 (90%)	44 (90%)	44 (90%)	45 (92%)	90.5%	0.5%	0.102
	Injection safety	81%	94%	95%	96%	95%	14%	<0.001
	Aseptic technique in use	46 (94%)	47 (96%)	48 (98%)	49 (100%)	98.0%	4.0%	0.495

6	No recycling of Needles / Syringes	47 (96%)	47 (96%)	48 (98%)	49 (100%)	98.0%	2.0%	0.521
	Sharps containers available	47 (96%)	47 (96%)	48 (98%)	49 (100%)	98.0%	2.0%	0.521
	PPE Protocols available	18 (37%)	43 (88%)	48 (94%)	49 (100%)	95.2%	58.2%	0.01*
7	Environmental Cleaning and Disinfection	47%	66%	80%	82%	76%	29%	<0.001
	Availability of disinfectant (chlorine 0.5%] or 70% ethyl alcohol)	47(96%)	47(96%)	47(96%)	47(96%)	95.9%	-0.1%	1
	Is fresh dilution of bleach for disinfection with chlorine solution prepared daily?	43 (88%)	47(96%)	47(96%)	47(96%)	95.9%	7.9%	0.275
	High touch surfaces are appropriately cleaned and disinfected at least 3x daily	1 (2%)	9 (18%)	23 (47%)	24 (49%)	38.1%	47.0%	0.001*
	Patient Care Medical Devices including blood pressure, Stethoscope, and others) are cleaned and wiped with 70% Ethyl Alcohol after every patient's use	1 (2%)	26 (53%)	39 (80%)	42 (86%)	72.8%	70.8%	0.001*
8	Device Reprocessing	72%	91%	93%	96%	93%	21%	<0.001
	Policies, procedures, and manufacturer reprocessing instructions for reusable medical devices used in the facility are available in the reprocessing area(s).	2 (6%)	37 (76%)	41 (84%)	47 (96%)	85.0%	79.0%	0.001*
	Reusable medical devices are cleaned, reprocessed (disinfection or sterilization), and maintained according to the manufacturer's instructions.	45 (92%)	47 (96%)	47 (96%)	47 (96%)	95.9%	3.9%	0.242
	How do you confirm you have achieved sterility/disinfection?	47 (96%)	47 (96%)	47 (96%)	47 (96%)	95.9%	-0.1%	1
	Single-use devices are discarded after use and not used for more than one patient unless they have been appropriately reprocessed.	18 (37%)	43 (88%)	46 (94%)	47 (96%)	92.5%	55.5%	0.010*