

[KENYA]

[An Initiative to Enhance Competencies of
Nurse-midwives in HIV care and
Management of Adolescent & Children in
Nairobi and Homabay Counties]

Learning Session II:

Project M&E Processes

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Date

ARC Project Summary

What are we trying to accomplish?	How will we know if a change is an improvement?	What change will we make that will result in an improvement?
<p>Overarching Goal To deliver quality nurse-led HIV care and management to children and adolescents</p>	<p>AIM Statement Increase self confidence score from 53.6 to 75 by June 2017. Increase self competence from 28.3 to 75 by June 2017.</p> <p>Numerator = Summated score of study population.</p> <p>Denominator= Total possible maximum score (100)</p>	<p>Your Intervention</p> <ol style="list-style-type: none"> 1. Build capacity for 35 nurses. 2. Establish clinical mentorship program. 3. Implement a sustainable continuous quality improvement system.

M&E Plan

Objective 1	Activities	Anticipated Outcome	Indicator	Tools
<p>To build capacity for 35 nurses in comprehensive HIV care and management of Adolescent and Children.</p>	1. Collate and Harmonize training package	Harmonized training package	No of relevant materials collated for training	Checklist of training package.
	2. Identification of trainees	Eligible trainees identified	% of eligible trainees identified.	List of trainees
	3. Identification of the trainers	Trainers identified	No of appropriate trainers identified	List of trainers
	4. Undertake the training	Competent nurses	Number of nurses trained	List of nurses trained

M&E Plan

Objective 2	Activities	Anticipated Outcome	Indicator	Tools
<p>To establish a clinical mentorship program among nurses on the comprehensive HIV care and management of Adolescent and Children</p>	1. Identify clinical mentors	Mentors identified	No of mentors identified	List of mentors identified
	2. Induct the mentors	Competent mentors	No of inducted mentors inducted.	List of mentors
	3. Roll out the mentorship program.	Increased competence and confidence nurses.	Rate of compliance with the plan.	Mentorship work plan

M&E Indicator Matrix

Combine the information from the previous 4 pages here.

Input	Process	Output	Outcome
<ul style="list-style-type: none"> • # of Training materials • # of Trainers identified • # of Mentors identified • # of Trainees identified • # of mentees identified. 	<ul style="list-style-type: none"> • # of trainings conducted. • # of face to face sessions with mentors • # of CPD done within the facilities. • # feedback sessions given to departments. 	<ul style="list-style-type: none"> • # of trainees trained • # of mentees identified 	<ul style="list-style-type: none"> • Increased competence and confidence scores

Output Indicator Matrix .

Output Indicator	When/ frequency	How/method [i.e., observation, chart review, questionnaire, interview, etc]	Who
Number of trainees trained	Once	Staff returns	QUAD
Number of mentees identified	Once	Survey	Trainers.

Outcome Indicator Matrix

Outcome Indicator	When/frequency	How/method [i.e., observation, chart review, questionnaire, interview, etc]	Who
Increased competence and confidence scores	Annual	Modular questionnaire	QUAD

Summary of the baseline: Self-confidence in ability to provide PMTCT and pediatric HIV services

Indicator	All Mean (SE)	Homabay (n=12) Mean (SE)	Riruta (n=7) Mean (SE)
Overall confidence	60.6 (4.2)	68.2 (4.8)	47.5 (5.0)
Pregnant and breastfeeding women	70.7 (3.9)	77.6 (4.6)	59.0 (4.4)
HIV-exposed infants	57.5 (4.7)	66.4 (5.0)	42.3 (6.2)
Children and adolescent living with HIV	53.6 (5.4)	61.1 (6.9)	40.6 (6.8)

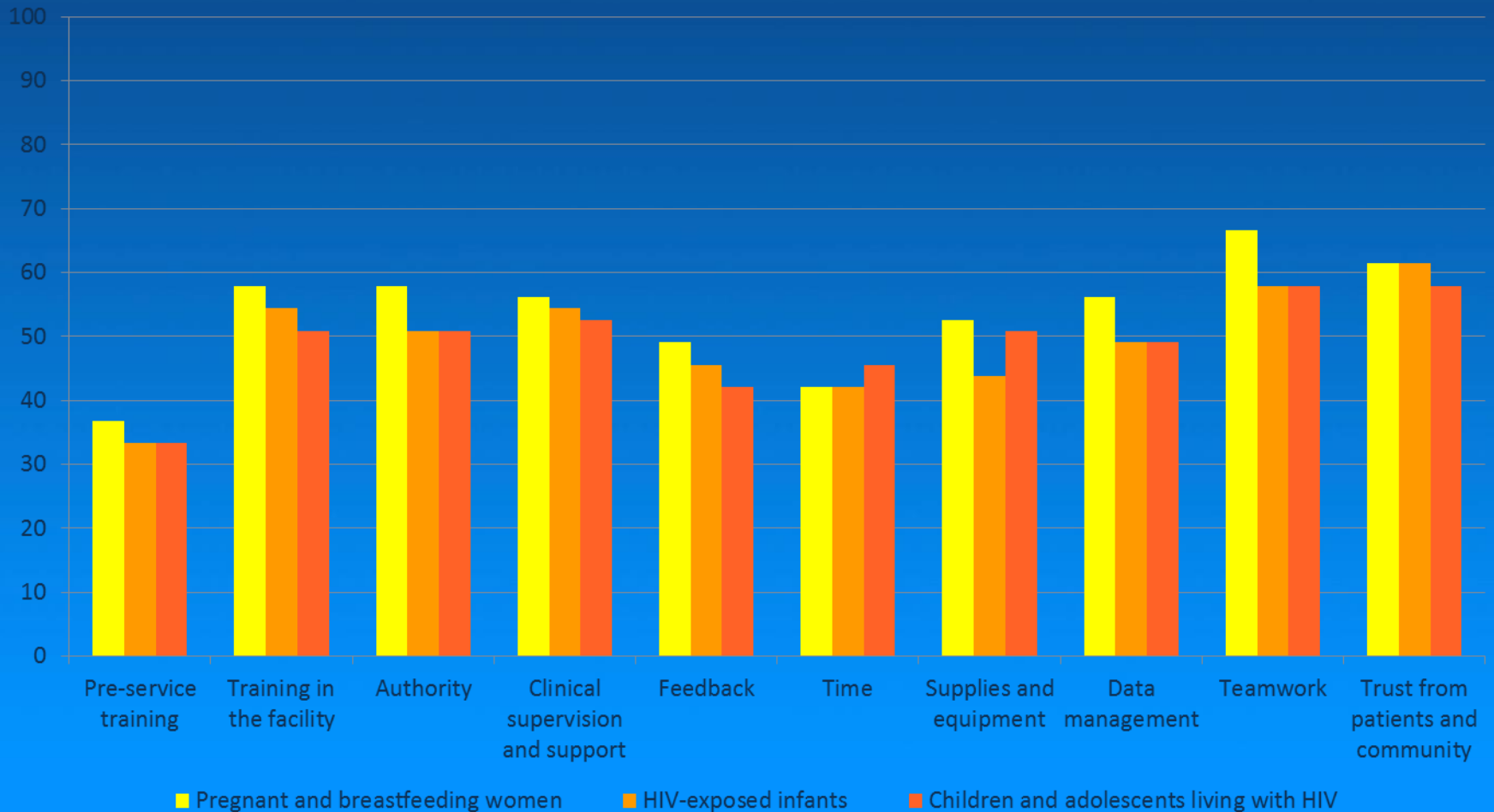
Summary of the table: Self-competence in provision of PMTCT and pediatric HIV services in accordance to the current national guidelines (measured at a scale of 0 to 100)

Indicator	All Mean (SE)	Homabay (n=12) Mean (SE)	Riruta (n=7) Mean (SE)
Overall self-competence	31.3 (5.2)	33.9 (7.0)	26.8 (8.0)
PMTCT services for pregnant and breastfeeding women	36.8 (6.4)	41.7 (8.9)	28.6 (8.5)
Clinical care of HIV-exposed infants	31.6 (5.7)	35.4 (7.2)	25.0 (9.4)
Clinical care of children (<10 years old) living with HIV	26.3 (5.2)	29.2 (6.8)	21.4 (8.5)
Clinical care of adolescents (10-19 years old) living with HIV	30.3 (5.9)	29.2 (8.0)	32.1 (9.0)
Children and adolescents living with HIV	28.3(5.3)	29.2 (7.3)	26.8 (7.9)

Barriers and facilitators

	PMTCT services for pregnant and breastfeeding women			Clinical care of HIV-exposed infants			Clinical care of children and adolescents living with HIV		
	All	Homabay	Riruta	All	Homabay	Riruta	All	Homabay	Riruta
Pre-service training	36.8 (7.2)	41.7 (10.2)	28.6 (8.7)	33.3 (6.6)	39.4 (9.9)	23.8 (9.5)	33.3 (6.7)	38.9 (9.0)	23.8 (9.5)
Training in the facility	57.9 (5.6)	61.1 (6.9)	52.4 (9.9)	54.4 (5.8)	58.3 (7.3)	47.6 (9.9)	50.9 (6.9)	55.5 (8.5)	42.9 (12.0)
Authority	57.9 (6.2)	66.7 (7.1)	42.9 (9.5)	50.9 (5.9)	63.9 (6.4)	28.5 (4.8)	50.9 (5.9)	63.9 (6.4)	28.5 (4.8)
Clinical supervision and support	56.1 (5.7)	63.9 (7.6)	42.8 (6.2)	54.4 (4.6)	58.3 (6.0)	47.6 (6.7)	52.6 (5.3)	58.3 (7.3)	42.8 (6.2)
Feedback	49.1 (6.4)	58.3 (8.3)	33.3 (7.3)	45.6 (6.8)	52.8 (9.6)	33.3 (7.3)	42.1 (5.6)	47.2 (10.4)	33.3 (7.3)
Time	42.1 (5.6)	44.5 (7.5)	38.1 (8.7)	42.1 (5.6)	44.5 (7.5)	38.1 (8.7)	45.6 (5.8)	47.2 (8.7)	42.8 (6.2)
Supplies and equipment	52.6 (3.9)	47.2 (5.0)	61.9 (4.8)	43.8 (3.7)	41.7 (4.4)	47.6 (6.7)	50.9 (4.7)	50.0 (6.5)	52.4 (6.7)
Data management	56.1 (4.5)	52.8 (5.0)	61.9 (8.7)	49.1 (4.7)	50.0 (5.0)	47.6 (9.9)	49.1 (5.3)	52.8 (6.4)	42.8 (9.5)
Teamwork	66.7 (5.7)	66.7 (5.8)	66.7 (12.6)	57.9 (6.2)	63.9 (6.4)	47.6 (12.3)	57.9 (6.2)	63.9 (6.4)	47.6 (12.3)
Trust from patients and community	61.4 (6.9)	61.1 (9.0)	61.9 (11.3)	61.4 (6.9)	61.1 (9.0)	61.9 (11.3)	57.9 (6.7)	55.6 (8.5)	61.9 (11.3)

Facilitators and barriers



Way Forward (April-July 2017)

- The following area was identified as a need for M&E plan: an understanding of the M & E for quality improvement.

General plans for the next Action Period

- We shall embark on the 3rd objective in the next phase.
- To finalize on the on going objectives.
- Refine our work plan
- Commence on the 3rd objective of the continuous quality improvement and assurance.
- To establish quality improvement activities.

List of materials.

- The QUAD Collated the following training materials from NASCOP.
 - TOR developed for the team leads.
 - APOC training module.
 - Mentorship program and work-plan.
 - NHITC National HIV integrated Training curriculum.
 - It consists of 21 modules administered through 18weeks mentorship program.
 - Pre and post test for each module.
 - Pass mark at 75% for each module.
 - Certification done at the end other 18weeks program with an average pass mark of 75% for each module.
 - Post evaluation conference after the end of the module.

TA Visiting the QUAD Kenya.

