

QI PROJECT PDSA CYCLES REPORT FORM

TITLE: to improve Hand hygiene Compliance rate in NICU from 40% to 90% from April 1, 2017 E.C and June 30, 2017 E.C.

START DATE: April 1, 2017 E.C

END DATE: June 30, 2017 E.C.C

QI Project leader: Dr.Dawit Seifu-Inpatient Director

CHANGE IDEA: Train NICU staff on WHO 5 Moments	PDSA CYCLE: 1	DATE: April 21, 2017E.C
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PLAN

WHAT IS THE PURPOSE OF THIS CYCLE? (Check one) TEST DEVELOP IMPLEMENT

WHAT IS THE OBJECTIVE OF THIS CYCLE? WHAT QUESTIONS DO YOU WANT TO ANSWER? WHAT ARE YOUR PREDICTIONS?

Objective: To improve hand hygiene compliance among NICU staff through training on the WHO 5 Moments.

Questions: Will training NICU staff improve hand hygiene compliance? How much improvement can be achieved within 3 weeks?

Predictions: Hand hygiene compliance will increase from 40% to above 50% after training.

LIST TASKS NECESSARY TO SET UP AND CONDUCT THE TEST (THINK 'ONENESS' AND 'DROP TWO')

What? (Specifc task)	How? (Checklist, tally sheet)	Who? (Name or role)	When? (Times,dates-be specifc)	Where? (Program, location site - be specifc)
Train NICU staff on WHO 5 Moments	PPT,	QI & IPC Director	from April 1-21, 2017E.C	NICU

OUTLINE YOUR PDSA DATA COLLECTION PLAN (WHAT, HOW, WHO WHEN AND WHERE)

What data will be collected?	How? (Checklist, tally sheet)	Who? (Name or role)	When? (Times,dates-be specifc)	Where will the data be recorded?
Collect hand hygiene compliance data weekly using an observation checklist.	observation checklist	NICU head (Abdi Baker)	from April 1-21, 2017E.C	NICU

DO

WHAT DID YOU OBSERVE DURING THE TEST? WERE THERE ANY UNEXPECTED OBSERVATIONS OR ISSUES? WHAT WENT WELL?

Training was conducted for NICU staff between April 1-21, 2017 E.C.

Weekly observations were performed to record compliance.

No major challenges were reported during the training.

STUDY

ANALYZE YOUR DATA AND DESCRIBE THE RESULTS. HOW DO THE RESULTS COMPARE WITH YOUR PREDICTIONS? WHAT DID YOU LEARN FROM THIS CYCLE?

Date	Correct HH Actions (#)	Total HH Opportunities (#)	Compliance (%)	Analysis:
7-Apr-17	13	30	43%	
14-Apr-17	12	25	47%	
21-Apr-17	10	20	52%	
Total	35	75	47%	<ul style="list-style-type: none"> Compliance increased gradually from 43% to 52% over 3 weeks. The results aligned with the prediction that training would lead to an improvement above baseline

ACT

WHAT CHANGES NEED TO BE MADE? WHAT IS YOUR PLAN FOR THE NEXT CYCLE?

ADAPT - Continue with additional reinforcement and visual reminders to sustain and further improve compliance.

ADAPT (note changes for next cycle above)

ADOPT

ABANDON

Reported by: Abdi Baker-NICU head

PDSA CYCLE:1_April 21, 2017E.C

