

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
PLAN				
WHAT IS THE PURPOSE OF THIS CYCLE? (Check one)		DEVELOP	✓ TEST	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?				
<div> Training was conducted for NICU staff between April 1-21, 2017 E.C. </div> <div> Weekly observations were performed to record compliance. </div> <div> No major challenges were reported during the training. </div>				
STUDY				
ANALYZEYOUR DATAANDDESCRIBETHE RESULTS. HOW DO THERESULTS COMPARE WITH YOUR PREDICTIONS? WHAT DID YOU LEARN FROM THIS CYCLE?				
Date	Correct HH Actions (#)	Total HH Opportunities (#)	Compliance (%)	Analysis: <div> Compliance increased gradually from 43% to 52% over 3 weeks. </div> <div> The results aligned with the prediction that training would lead to an improvement above baseline </div>
7-Apr-17	13	30	43%	
14-Apr-17	12	25	47%	
21-Apr-17	10	20	52%	
Total	35	75	47%	
ACT				
WHAT CHANGES NEED TO BE MADE? WHAT IS YOUR PLAN FOR THE NEXT CYCLE?				
<div> ADAPT - Continue with additional reinforcement and visual reminders to sustain and further improve compliance. </div>				
✓ ADAPT (note changes for next cycle above)		ADOPT		ABANDON

Reported by: Abdi Baker-NICU head

PDSA CYCLE:1_April 21, 2017E.C

Hand hygiene Compliance Rate

