

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: Peer observation checklists	PDSA CYCLE:4	DATE: July 01, 2017E.C
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PLAN

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

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

Objective: To determine whether peer-to-peer monitoring and feedback mechanisms improve staff adherence to HH protocols.

Questions: Will regular peer observation and feedback increase staff awareness and accountability?

Predictions: It was predicted that peer observation would increase compliance rates to at least 95% by reinforcing daily behavior and creating a culture of shared responsibility.

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)
Implement daily HH peer observation and feedback.	Structured observation	NICU head and selected NICU/IPC staff.	From June 14 to June 30, 2017 E.C.	NICU bedside.

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?
Weekly HH compliance data.	Direct observation with a checklist.	NICU head (Abdi Baker)	Weekly data from June 14 to June 30, 2017 E.C.	NICU records and QI monitoring files.

DO

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

During the test, peer observations were conducted consistently each shift using standardized checklists. Immediate feedback was provided by peers. The process was well-received; staff responded positively to being observed by colleagues rather than supervisors. No resistance or major challenges were observed. Peer feedback promoted informal coaching and motivation, encouraging correct behavior in real time.

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:
14-Jun-17	56	60	93	These results exceeded the project's original aim of 90% and validated the prediction that peer-led observation would lead to sustained improvement. The team learned that peer accountability can be a powerful motivator, particularly when staff feel empowered to support each other.
21-Jun-17	58	60	97	
30-Jun-17	58	60	97	
Total	172	180	96%	

ACT

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

Based on the success of this intervention, the peer observation checklist will be **adopted** as a standard practice in the NICU.

ADAPT (note changes for next cycle above)

ADOPT

ABANDON

Reported by: Abdi Baker

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