

PDSA Cycle

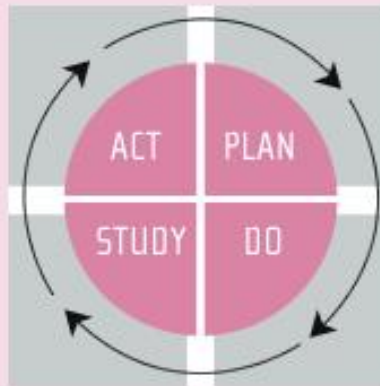
A Tool for quality improvement

Model for Improvement

What are we trying to accomplish?

How will we know that a change
is an improvement?

What change can we make that will
result in improvement?



Model for Improvement

What are we trying to accomplish?

How will we know that a change is an improvement?

What change can we make that will result in improvement?

- Standardized periodic re-assessment
- Match client need to Level of Service
- Works for diverse clients and diverse providers
- Supports Medical Self-Management



Model for Improvement

What are we trying
to accomplish?

**How will we know
that a change is an
improvement?**

What change can we
make that will result in
improvement?

- Have a better grasp of my caseload and where to focus my time.
- Able to identify areas for further assessment.
- It reduces unneeded paperwork.



Model for Improvement

What are we trying
to accomplish?

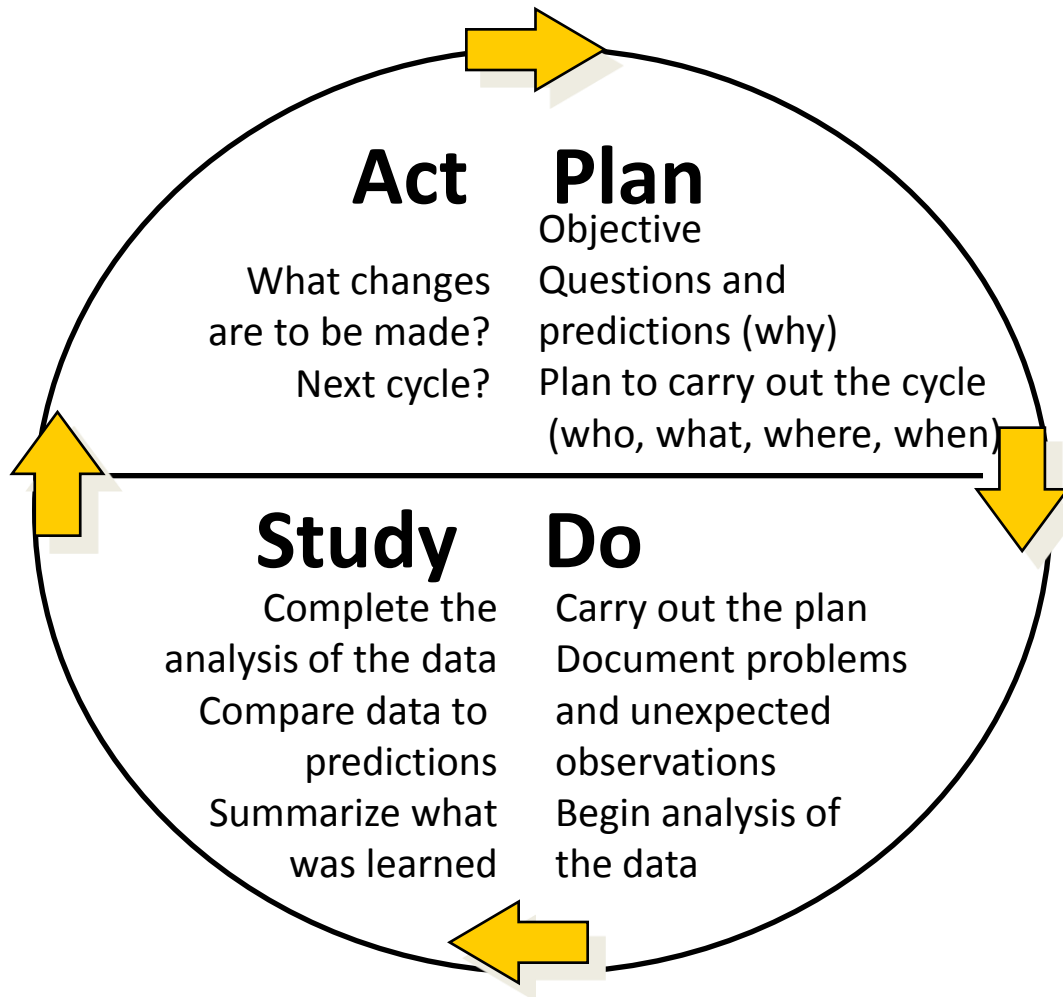
How will we know
that a change is an
improvement?

**What change can we
make that will result in
improvement?**

- Implement standardized acuity assessment
- Revise Standards of Care



The PDSA Cycle for Learning and Improvement



The PDSA Cycle Form

DHRPC Acuity Workgroup

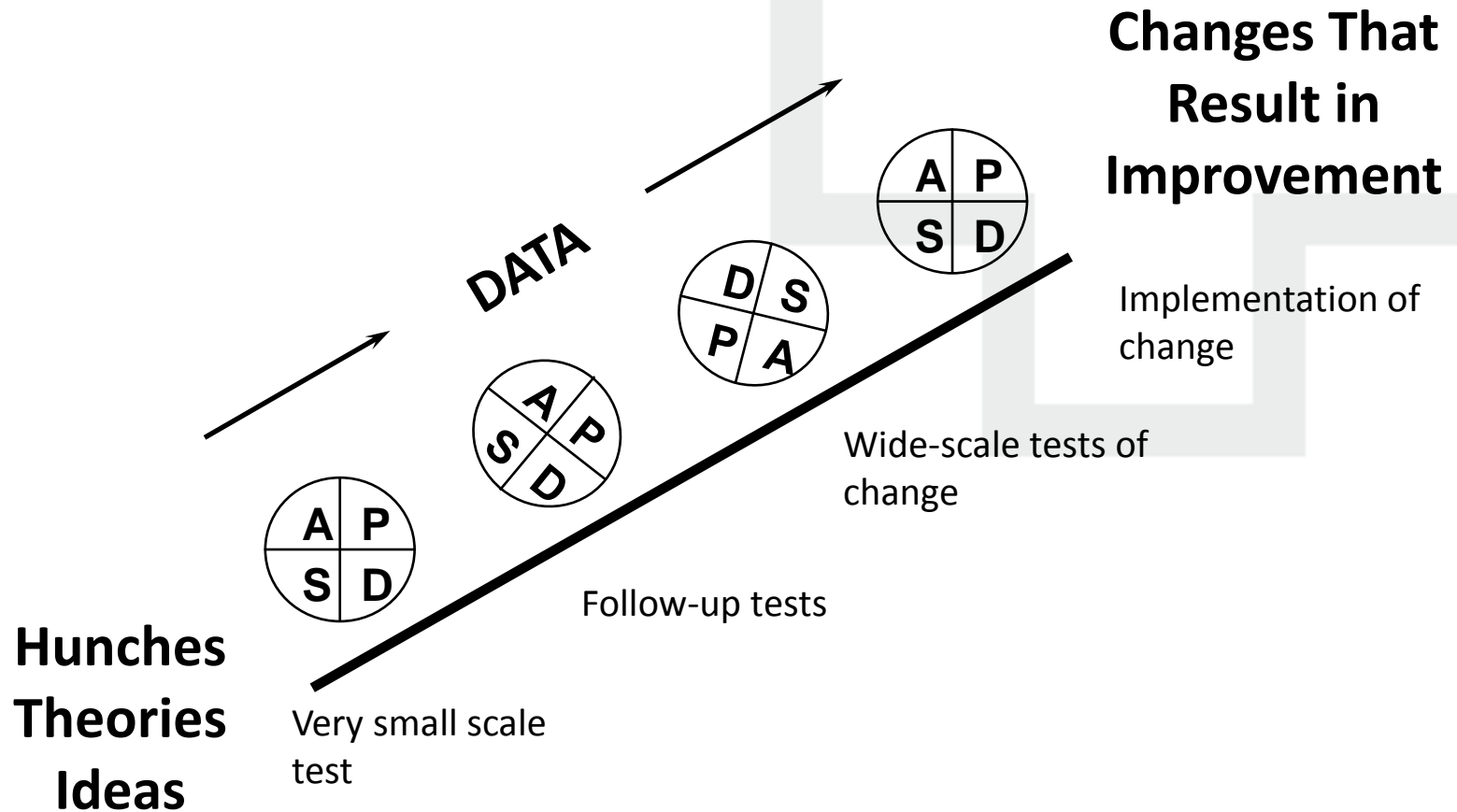
Date: 12/20/11 Initiated by: Acuity Workgroup Cycle # 1

CARE MODEL COMPONENT: Leadership CommRes DelSysD DecSupp SelfMgt CIS
 Purpose of this cycle: Initial Test of the Draft Acuity Assessment

PLAN the change, prediction(s) and data collection	
What change are we testing?	Test Acuity Tool Match need to service? Does it work for diverse clients? Support Medical Self Management?
Who is testing the change?	
When are we testing?	
Where are we testing?	
PREDICTION: What do we expect to happen?	
DATA COLLECTION	
What data do we need to collect?	
Who will collect the data?	
When will the data be collected?	
Where will data be collected?	
DO: Carry out the change/test, collect data, and begin analysis	
What was actually tested?	
What happened?	
Unexpected Observations:	
Problems:	
STUDY: Complete analysis of data: Summarize what was learned and compare to prediction.	
ACT	
What adjustments to the change or method of test should we make before the next cycle?	
Are we ready to implement the change we tested?	
What will the next test cycle be? (use back of form to elaborate)	



The Cycles Build on Each Other...



- Does your PDSA have the following three qualities?
 - Can you do the PDSA “by next Tuesday”?
 - Can you collect just enough data to know that this change will result in improvement?
 - Do you have a hypothesis?

References

- Moen, Ronald, Thomas Nolan; “Process Improvement” *Quality Progress*, 1987, p62
- Langley, Gerald, Kevin Nolan and Thomas Nolan; “The Foundation of Improvement,” *Quality Progress*, June 1994, p. 81
- Langley, Gerald, Kevin Nolan, Thomas Nolan, Cliff Norman, and Lloyd Provost; “The Improvement Guide” San Francisco, CA; Jossey-Bass, 1996
- Nolan, Kevin; “ASQs Accelerating Change Collaborative Series: A Challenge for Industry,” *Quality Progress*, Jan 1999, p55
- National Quality Center (NQC), <http://nationalqualitycenter.org/>