

Supporting Change with Data

Acute Care for Elderly

How will we know a change is an improvement?

Measuring Change Ideas



Planned Start Date	4/7/15	Planned Finish Date	11/7/15
PDSA #: 7.3 This PDSA Title: ACE Huddle form Owner: ACE Team			
1) Objective for this PDSA Cycle: To assess the length of time of huddle when trialing a full ward of patients. (ACE and A T + R patients)			
This test will be used to <input checked="" type="checkbox"/> Develop <input checked="" type="checkbox"/> Prototype <input checked="" type="checkbox"/> Implement a Change			
Plan: Fill the sections below as part of planning			
Change Idea: To complete a huddle for four sessions on all of the wards patients , upscaling from 15 ACE patients, to all ACE patients and all AT +R patients			
Questions: What question(s) do we want to answer on this PDSA cycle?			
<ol style="list-style-type: none"> 1. How long does the huddle take? 2. How long does it take to prepare all information / file before the huddle? 3. Will any medical team members be able to attend? 			
Prediction: What do you think will happen?			
Prediction on Change Team will be able to complete a huddle on all patients however it will be very time consuming.			
Prediction on Question:			
<ol style="list-style-type: none"> 1. ACE huddle will take 40 – 45 minutes 2. Preparation time will be 30 minutes' 3. Dr / SHO will be in attendance 			
Data: What data will you need to test your prediction(s)? How will you collect it.			
Huddle and prep time to be timed and recorded Amount of ACE patients and A T + R patients in each huddle to be recorded Record of medical attendance.			
Task to be completed for Test	Who	When	Where and How
File to be prepared	Judith / Vicky	Friday 4 th July	On ward Collecting all front covers and taking copy for file
Prep time / huddle time to be recorded	Judith Vicky	Each huddle	On ward
Record of ACE VS AT+R patients	Vicky/Judith	Each huddle	In file
Record of medical attendees	Vicky /Judith	Each huddle	In file

Do: Carry out the change or test; Collect data and begin analysis.
<p>Feedback and observations from the participants? Therapy staff reported back that shorter Huddles ,but more frequent are more effective Huddling full ward with mixed model of care did not work as A T + R patients often hadn't changed or information was pending ,thus repetition is high + 45 minutes' is to long</p>
Study: Complete analysis of data;
<p>Was your predication confirmed? If not what did you learn? Full ward huddle was stopped after 3 sessions due to time frame 50 mins +</p> <p>Questions</p> <ol style="list-style-type: none"> 1. Ace huddle took 45,45,and 55 minutes' 2. Preparation time was 2 hrs , 20 min, and 10 mins 3. Dr attended 1 / 3 huddles, they were not punctual and did not have a great deal of specific information which made a great impact upon barriers to d/c or /GDD. <p>Huddle 1) 13 ACE,10 ATR 2) 12 ACE, 11 ATR 3) 9 ACE, 13 ATR</p> <p>Compare the data to your predictions and summarize the learning <i>Huddling 20+ patient is considered to take too long to be effective x 3 wkly Preparation time is not necessary made longer by increasing the huddle number ,once the original documentation is set up Huddling on all patients did not encourage the Dr / medical staff to attend/be punctual.</i></p>
<p>Act: Decide the next step. Following this test, you will <input checked="" type="checkbox"/> Adopt <input checked="" type="checkbox"/> Adapt <input checked="" type="checkbox"/> Abandon this change?</p> <p>Huddle only ACE patients , however meet at 11.30 am</p>

Measuring Change Ideas

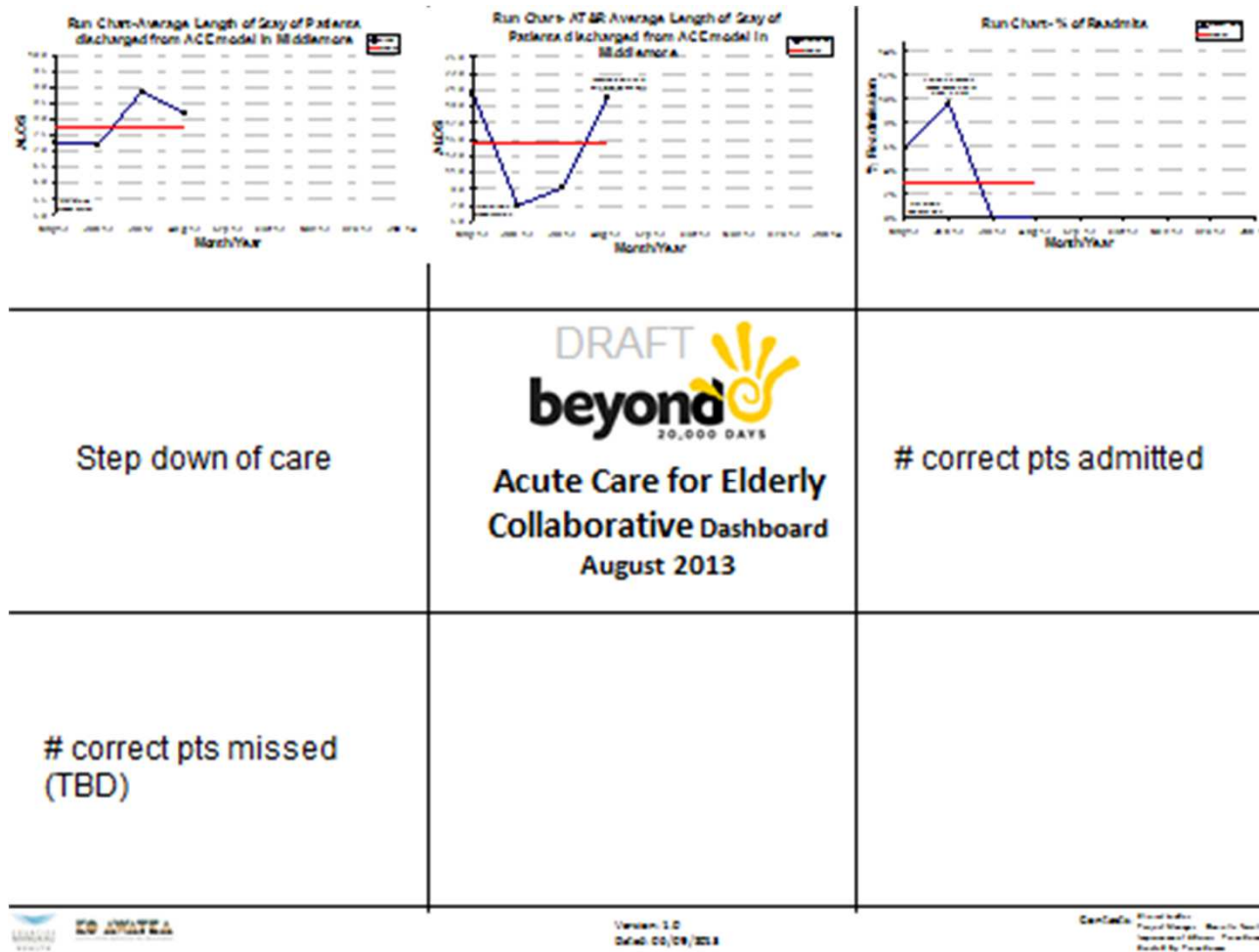


Admission Planner

18. Social Supports	√	x	√	x	√	x	√	x	No space available for signing
19. Mobility Safety Screen	√	√	x	x	√	√	√	x	
20. Occupational Therapist Screening Tool	x	x	x	x	√	√	x	x	x = as not been assessed yet
TOTALS	13/20	10/20	16/20	12/20	19/20	14/20	18/20	15/20	
% Totals	65%	50%	80	60%	95%	70%	90	75%	

15. Home situation	√	√	√	√	-	-	√	√	
16. Social Supports	√	√	√	√	-	-	√	√	
17. Mobility PT	√	√	√	√	√	√	√	√	
18. Screen OT	√	√	√	√	√	√	√	√	
Totals	18/18	18/18	18/18	18/18	15/15	13/15	18/18	13/18	
% Totals	100	100	100	100	100	87	100	72	

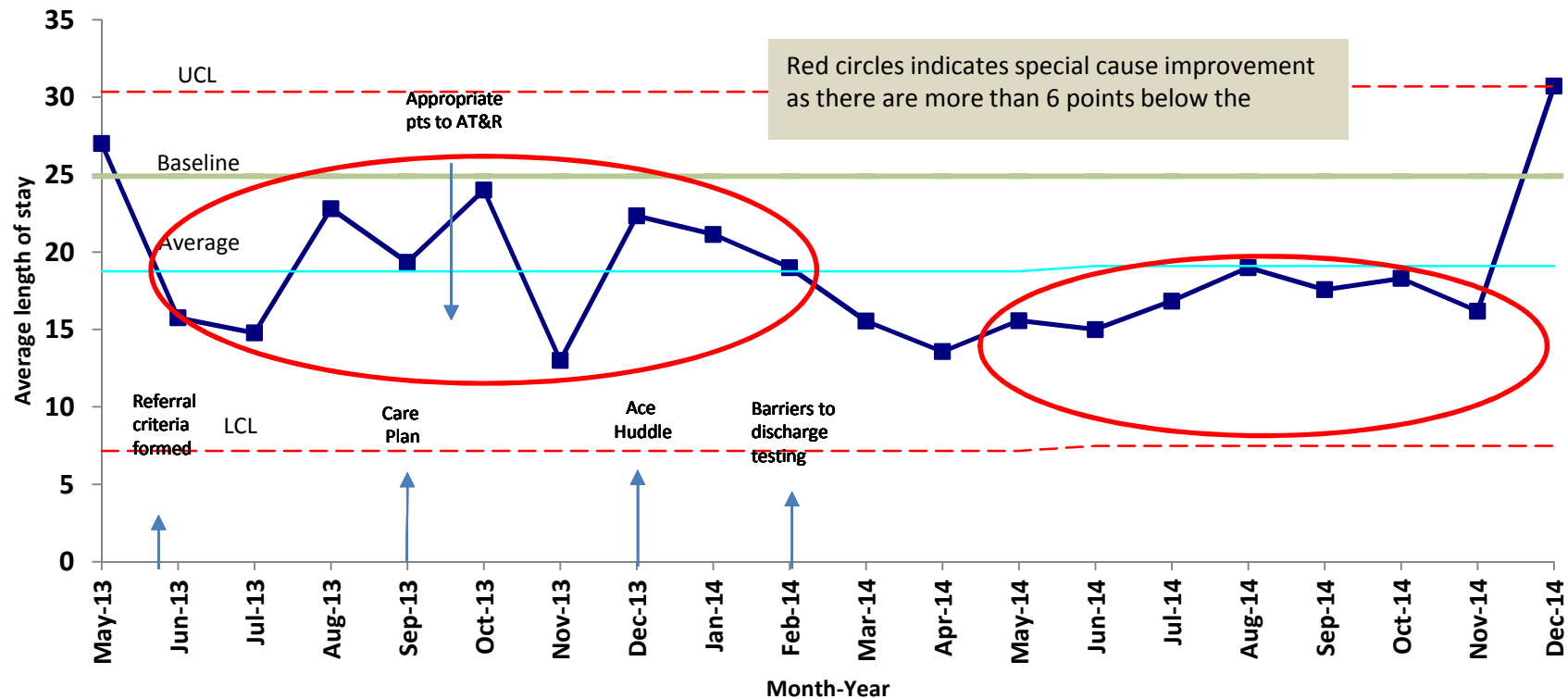
Developing Run Charts and Dashboards



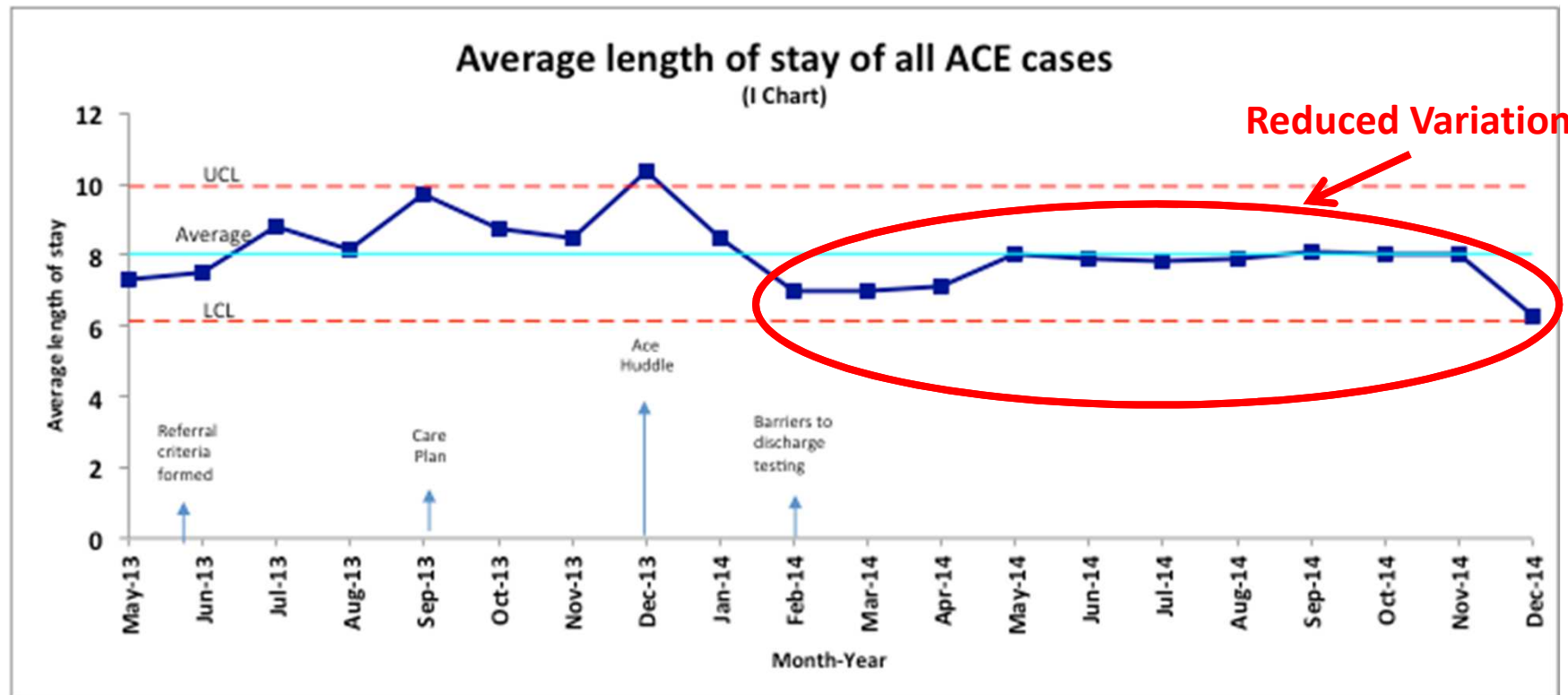
Developing Run Charts and Dashboards



Average length of stay ACE and AT&R combined
(I Chart)



Developing Run Charts and Dashboards



Learning from Measurement and Data Collection



- Spend time planning
- Use full PDSA cycles
- Make sure your measures will demonstrate an improvement – use process measures
- Link back to your headline measures
- Establish and measure baselines

Skills for Measuring Improvement

- Scratch out a driver diagram
- Learn to run effective PDSA cycles
 - Especially short ones
 - Think about a PDSA sequence
- Start a run chart

