

# Building Better PDSA Cycles

Brandon Bennett

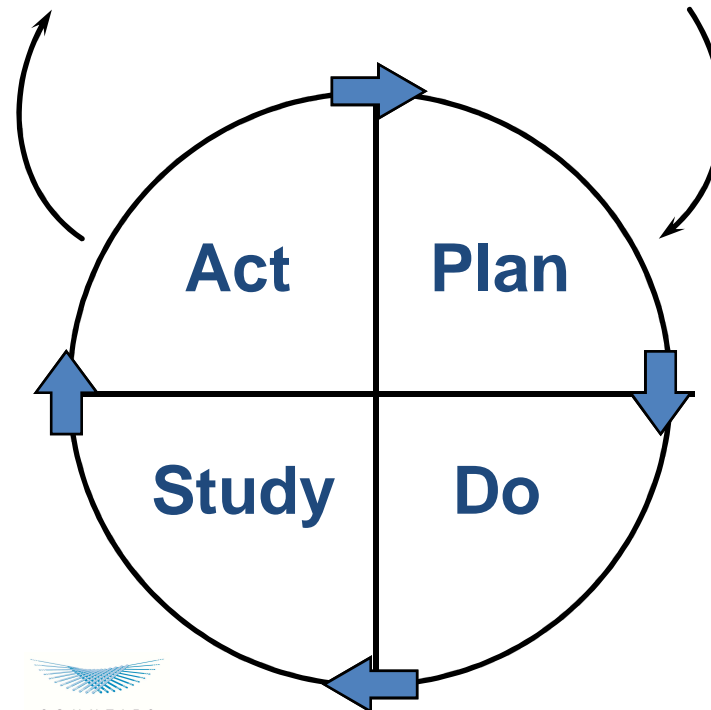
- PDSA element review
- Translate elements to the checklist
- Breakout 1 – apply checklist to a completed cycle – identify anything that is missing
- But what about Quality? Bad, Good, Best
- Breakout 2 – return to the PDSA – how would you improve it knowing what you know now?
- But what about the process learning cycles are embedded in? (associated activities)

# Model for Improvement

What are we trying to accomplish?

What change can we make that will result in improvement?

How will we know that a change is an improvement?





	Quality Criteria	Details	PDSA sample 1	PDSA sample 2	PDSA sample 3
		For each criteria	Yes/No comments	Yes/No comments	Yes/No comments
PLAN	Learning question articulated? Questions posed?	Avoid yes/no questions.			
	Objective for cycle stated?*				
	Prediction present?	If possible, with theory in use.			
	Change idea specified and developed?*				
	Data collection plan? Logistics outlined? Data needed, articulated, or specified?	Ideally, framed as related to predictions.			
	Execution yes/no? Change tested or implemented?*				
DO	Data collected or reported?*				
	Did they compare what happened with their predictions?				
ACT	New learning or theory refinement?	From the action phase: did they specific new learning or refine something about their theory?			
	Suggested next steps?				
		Score = x/10 Yes = 1 No = 0			

Notice how much detail of the checklist is devoted to getting to a good PLAN

\*at least one of these should be clearly tied to subject matter

# Break out



- Using the checklist provided at your table evaluate 1 or more of the completed PDSA cycles your team has brought today
- Can you identify any missing elements?\*

\*this may also mean returning to your driver diagrams to discover if/where you have captured any learning gleaned through your cycle(s)

# What did we discover?



- Are there common elements missing across teams?
- What makes those elements difficult to complete?

But what about the quality of PDSA cycles?

# Where does testing begin?



- A good idea on as small a scale, as allows learning
- Could be:
  - An idea on how to identify patients using a new form (creating self directed goals, assessing readiness, gathering history, etc.)
  - Or a new process
  - Or testing some new step or steps in an existing process



PDSA # 1 PDSA Title Identification

PDSA Date:10/11/2015 Owner: Brandon



Objective of this PDSA

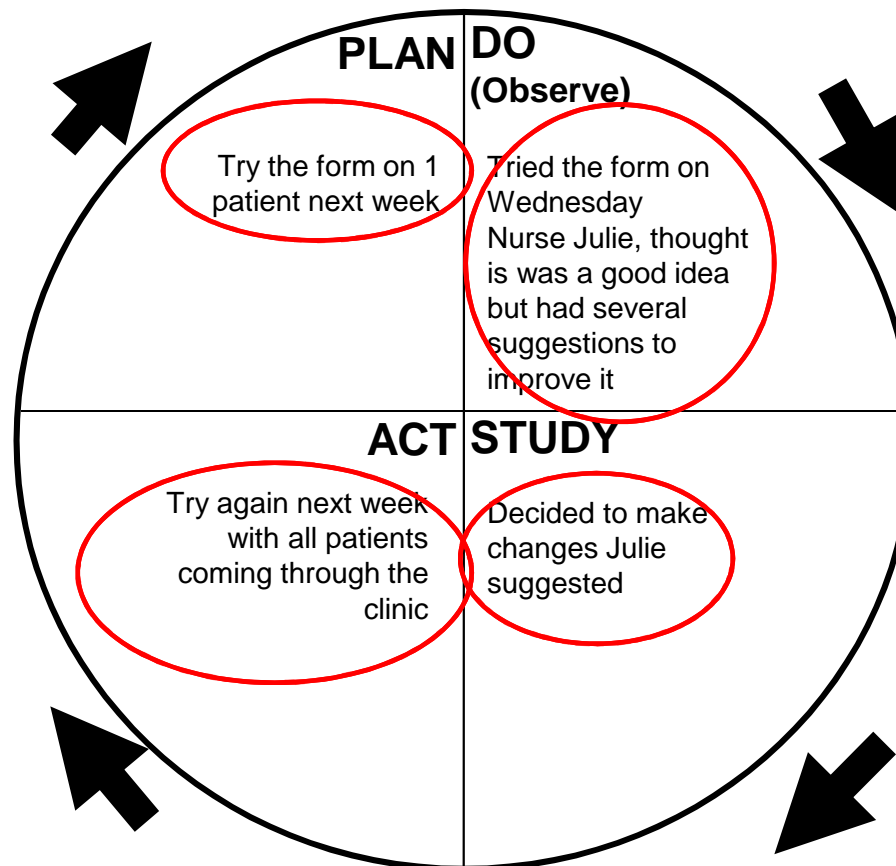
Change Idea: try out a new assessment form

Questions:

Did the form work?

Predictions:

It will work



Measurements

Ask the nurse how the form worked in practice

PDSA # 1 PDSA Title Patient Identification PDSA Date: 10/11/2015 Owner: Brandon

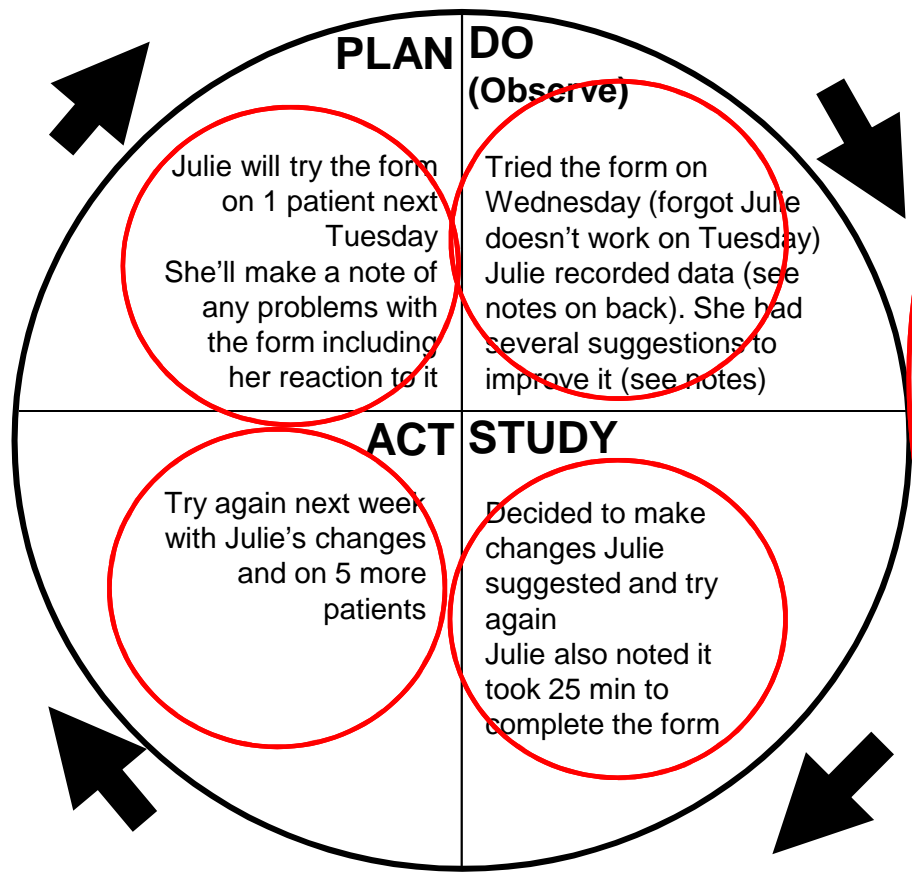


Objective of this PDSA Interested to learn what is the best way to identify patients for whom our service can help

Change Idea: New assessment form to be completed during the interview with the patient

Questions:

- Did the form identify if it was a patient we can help?
- Where there any parts that were redundant or didn't work?
- What did the nurse think of the form?



Predictions:

- It will work
- Diana thinks there are two sections that essentially capture the same information
- Julie will love the new form

Measurements

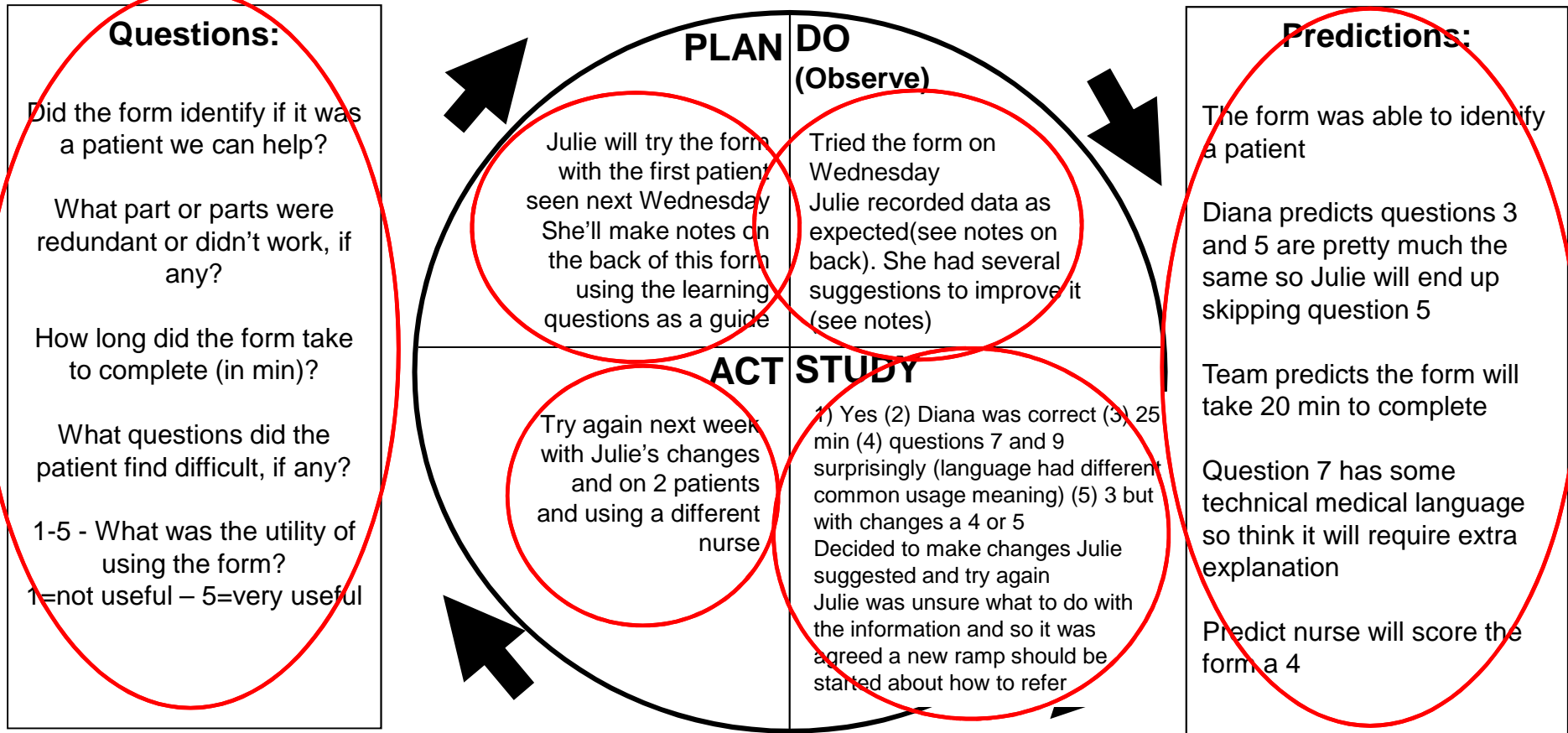
Julie to capture her comments/notes on the back of this worksheet, including answers to our questions

PDSA #1 PDSA Title Patient Identification for referral to support service PDSA Date:10/11/2015 Owner: Brandon



Objective of this PDSA – Interested to learn what is the best way to identify patients for whom our service can help

Change Idea: New assessment form to be completed by nurse during the first half of the interview with the patient



Measurements

Julie to capture her comments/notes on the back of this worksheet, including answers to our questions, she will also wear a watch and will use it to record the start and end time for using the form

# Durable lessons on quality PDSA cycles



- Specificity
- Move away from yes/no questions to maximize learning opportunity
- Link between learning questions, predictions (to each of those), and measures collected (for that cycle)

# Break out



- Return to 1 of the PDSA cycles to which you applied the checklist earlier
- How would you improve it (rewrite it) knowing what you know now?

# Remember



“Science, my lad, is made up of mistakes, but they are mistakes which it is useful to make, because they lead little by little to the truth.”

Jules Verne, A Journey to the Center of the Earth

And what about the process learning cycles are embedded in?

# Integration with Meeting Planning/Facilitation



During the week:

Do

During improvement team meeting:

Study

Act

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Plan

During the week:

Do



# Thank you

