



PDSA CYCLE

The PDSA Cycle is a systematic, four-part, series of steps for learning and gaining valuable insight for the continual improvement of a process. Use the things that you have learned from process mapping to design your PDSA cycle.

Step 1: Plan Plan the intervention, including a plan for collecting data.

- Who:
- | | | |
|--|---|---|
| <input type="checkbox"/> Front office | <input type="checkbox"/> MA | <input type="checkbox"/> Office manager |
| <input type="checkbox"/> Back office | <input type="checkbox"/> LPN | <input type="checkbox"/> _____ |
| <input type="checkbox"/> Physician | <input type="checkbox"/> RN | <input type="checkbox"/> _____ |
| <input type="checkbox"/> Other providers | <input type="checkbox"/> Care coordinator | |

What: *Example: Confirm that patients with an asthma diagnosis (ICD10 code: J45) have had spirometry*

When: *Example: 3 months (April 1 to June 30)*

Data Collection: *Example: EHR report of percent of patients with an asthma diagnosis (ICD10 code: J45) who have spirometry results on their chart*

Step 2: Do Try the intervention on a small scale. In 1-2 sentences, describe the specifics of your intervention including details of how your plan will be implemented.

What: *Example: Standing orders for spirometry in patients with an asthma diagnosis will be established. We will discuss the importance of spirometry for patients with asthma at a staff meeting. MAs will confirm that spirometry results are on the chart of all patients with asthma when they are roomed. For patients who have not done spirometry, standing orders will be used to schedule spirometry.*

Step 3: Study Analyze the data and study the results.

After the intervention period you will review problems/unexpected observations from the intervention, analyze results of the intervention, determine if you have met your goals, and evaluate what was learned from the intervention.

Step 4: Act Refine the change, based on what was learned from the test

When you have studied the effect of the intervention, you decide if you will make this change permanent, go back to the way things were done before, or do another PDSA cycle with another change.