INHALE
Inspiring Health Advances in Lung Care

PDSA Worksheet

This worksheet is based on The Model for Improvement, which is a method for reaching improvement in a process, and contains two sections: three questions, and the Plan-Do-Study-Act cycle. The Plan-Do-Study-Act (PDSA) is a helpful tool for driving and measuring change. For this VBR year, you will develop a plan for testing change (Plan), implement the plan (Do), observe and learn from the test (Study), and make changes based on your findings (Act).

Date:	Change Champion:
1/1/2024	Jane Smith

Choose the measure your practice will be focusing your PDSA on:

- ☐ OCS Overuse
- ☑ Inhaler Education

Quality Improvement Questions

What are we trying to improve?

Increase our Inhaler Ed rates from 2% to 7%.

How will we determine the change is successful?

Reviewing internal data, INHALE data dashboard, and seeing less exacerbations in asthma/COPD patients.

What changes can be implemented to achieve the goal?

Ordering Inhaler Ed for all asthma and COPD patients at each encounter
Create an alert in the EMR for all asthma and COPD patients

PLAN (short range goals)

We plan to:

Complete a 2 month pilot of providing Inhaler Education by placing an order for the nurses to administer to all asthma/COPD patients at every encounter. This will begin 1/30/2024 and will end 3/30/2024, at which time we will review the process and determine the effectiveness.

Implementation start date: 1/30/24

The expected outcome is:

Increase Inhaler Ed for all asthma/COPD patients, identify any gaps/resourcing issues.

Steps to execute this plan:	Assigned to:	Date to be completed:
1. Hold a meeting to generate awareness about the process	Jane Smith - Practice Lead	3/30/24
2. Provider to order Inhaler Ed during encounter with asthma/COPD patients	Providers - Dr. Doe, Dr. James	
3. Provider/staff to provide Inhaler Ed during same visit and use the	Providers/nursing - Dr. Doe, Dr. James, Shelly, Mary	

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DO (What happened when the intervention was implemented?)

Inhaler Ed was ordered on 20 patients during the 8 week period, all were able to reliably demonstrate it back to the educator.
Approximately 8 asthma/COPD patients either refused or were missed for Inhaler Ed.

STUDY (What was learned/concluded from this cycle? Is it successful/unsuccessful?)

We successfully performed Inhaler Ed on most eligible patients. Providing Inhaler Ed improved patient confidence levels with devices. Staff was required to adjust their workflow to accommodate for additional time for this. Dr. James and Dr. Doe feel that they need to understand the billing component better and when it is inappropriate to bill for Inhaler Ed (e.g. Gcode; modifiers, etc). Inhaler ed can cause a workflow issue if clinic is busy and may not be completed.

ACT (What are next steps?) Date: 1/1/2024

- ○ Continue with this intervention
- ◉ Revise the test and repeat another cycle
- ○ Discontinue the intervention and start new
- ○ Other: _____

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PDSA Worksheet Instructions

What is a PDSA Worksheet?

The Plan-Do-Study-Act (PDSA) Worksheet helps document a test of change

- Plan: Develop a plan to test the intervention
- Do: Implement the intervention
- Study: Observe and learn from the outcomes
- Act: Determine what modifications need to be made

*PDSA is the "action" portion of the Model for Improvement shown below.

Directions

Use the PDSA Worksheet to help your team document a test of change. Fill out one worksheet for each intervention you conduct. Your team will likely test several different interventions, and each change will go through several PDSA cycles. Keep a file of all PDSA worksheets for all changes your team tests.

Step One: Respond to quality improvement questions

- Aim: What is the desired outcome?
- Measures: Did the intervention result in improvement?
- Ideas, Hunches, Theories: What change can we make that will result in achieving our projected goal/target?

Step Two: Plan

- What is the intervention that you would like to test?
- What do you expect to happen?
- Who is involved?
- How long will the intervention take to implement?

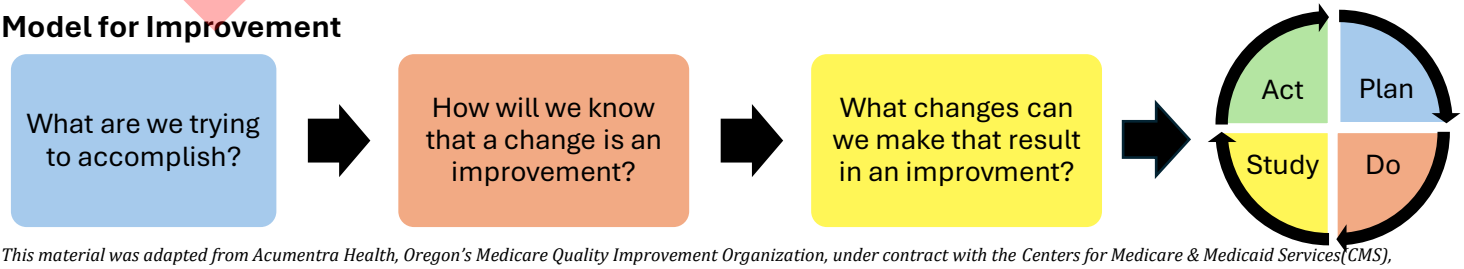
Step Three: DO

- Implement the intervention. Try out the test on a small scale.
- Document problems and unexpected observations.

Step Four: Study

- Set aside time to study the results and determine if the intervention resulted in the expected outcome.
- Reflect on what happened and what was learned.
- Look for unintended consequences, surprises, successes, failures.

Model for Improvement



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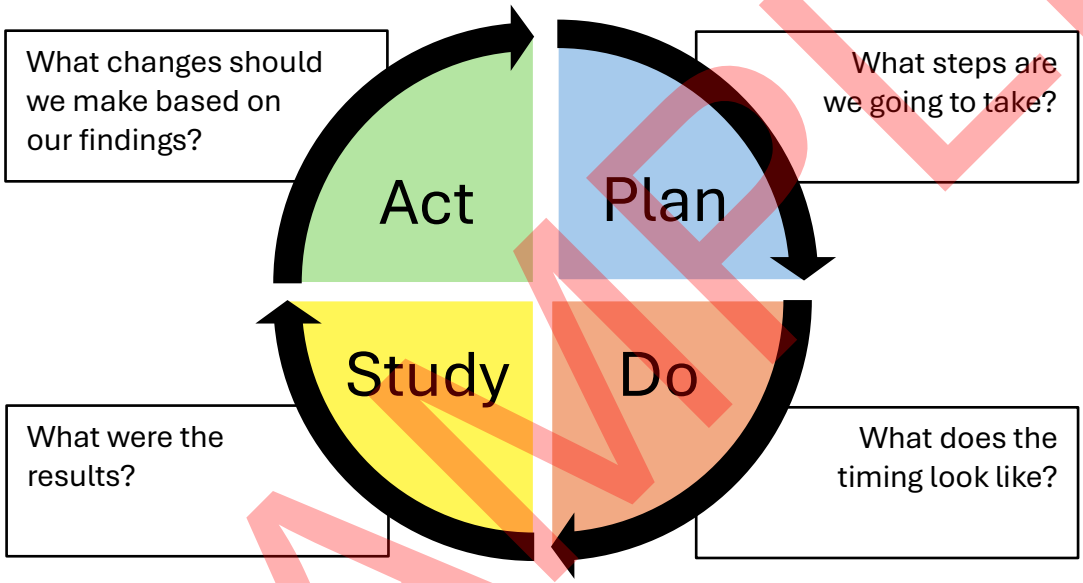
PDSA Worksheet Instructions Continued

Step Five: ACT

- Adopt: If your intervention was successful, consider implementing the change in your clinic.
- Adapt: If your intervention was moderately successful, but did not produce the desired results, refine the changes based on what was learned from the intervention and do another round of PDSA.
- Abandon: If the results were not what you wanted and you feel you have tried every change possible, abandon this intervention and consider a new approach



When starting a project, it is helpful to set a SMART goal. SMART stands for Specific, Measurable, Attainable, Relevant, and Timebound.

Specific: Goals are clearly stated.

Measurable: How progress will be tracked.

Attainable: Goals can be reached in the time allotted.

Relevant: Goals are related to the outcome you want to achieve.

Timebound: Goals will be completed within a certain timeframe.

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