PDSA Worksheet for Testing Change

Summary of the PDSA Testing

PDSA is a four-step systematic improvement testing process:

1) **P**lan – Identify the improvement opportunity or problem, clarify the aim, investigate the causes (if solving a problem), select likely changes to address the problem or opportunity. Develop predictions to build learning.

2) **D**o – Develop an implementation workplan to test the solutions. Establish how improvement will be measured/documented; assign tasks, communicate with stakeholders

3) **S**tudy – Monitor the tests, gather metric data, keep a log of what worked or didn't work

4) **A**ct – Evaluate the results of the test. Incorporate changes that resulted in improvement into operations standards.

QI Project Title: _____ Date: _____

Work Group/ PDSA Testing Lead _____

IMPORTANT -- If you have completed an SBAR, skip this section and proceed to 1F.

1. Plan

Identify the problem or opportunity: What is the problem or opportunity you are addressing? Why are you trying to address this issue?

1A. Clarify the Aim of this QI project: What is supposed to happen?

1B. Identify the improvement metric: How will you measure whether improvement occurs? Be specific so that you use a consistent method to gather data and measure improvement throughout testing.

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1C. Identify the baseline: What is the current value of the metric?

1D. If you are addressing a problem, identify the causes: What do you think are the root causes of the problem?

1E. List recommended solutions or actions to improve: What changes can you make that will lead to improvement?

1.F Testing the Change

Test of Change # _____ *(1,2,3 etc.)* *Test duration: _____*
Start - Complete

Who is responsible for leading this test of change? _____

Describe the change that you will test in this PDSA cycle:

1G. Develop a test workplan: In the table below, List the tasks to set up and carry out this test of change

Task	Deliverable	Lead	Due Date

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1H. Build knowledge: What is your hypothesis or prediction? What is your reasoning for this prediction?

2. Do

Implement the change. Describe what happened when you conducted the test. What happened as you implemented the test of change? What were the measured results?

3. Study

Analyze results: Describe how the measured results compared with your prediction. Was your prediction correct? What, specifically, did you learn?

4. Act

Determine your path forward for this change: What will be your next steps?

- *Adapt:* The change has potential. Use what you learned to modify the change and repeat the test.
- *Adopt:* The change resulted in improvement. Incorporate the solution into your process. Modify your procedures and standards accordingly
- *Abandon:* The change did not work and does not have potential.