



# Quality Improvement Initiative (QII)

## PDSA WORKSHEET

QII ID: \_\_\_\_\_ CCN: \_\_\_\_\_

Facility Name: \_\_\_\_\_

### Goal Setting: Describe the Problem To Be Solved

<p><b>State the problem.</b></p> <p>ex: who, what, when, where, how, how long</p>	<p>Facility STR Immunization Quality Measure is 78%, while internal tracking indicates that 93% of STR in the same time period received an influenza vaccine or declined after education was provided.</p>
<p><b>Identify the Infection Prevention Category.</b></p>	<p>Influenza Immunizations</p>
<p><b>If the category is "Other," enter the category here.</b></p>	<p>N/A</p>
<p><b>What do you want to accomplish/ what idea do you want to test?</b></p> <p>Identify the goal and estimated time frame for resolution.</p>	<p>GOAL: 100% of short-stay residents will have appropriate documentation of assessment, education and offering of the influenza vaccine resulting in improved accuracy of the STR immunization quality measure. The idea being tested is that centralizing and standardizing documentation will result in more accurate MDS data and a quality measure rate that more accurately reflects vaccination activity. The timeline for resolution after all tests of change is four weeks.</p>
<p><b>What change can be made that will result in improvement?</b></p> <p>e.g., safety, effectiveness, patient-centered care, timely, efficiency, equitability, etc.</p>	<p>Changes will be made to the immunization documentation process, including creating templates and nursing education on processes and tools for documenting influenza vaccinations. Surveillance will be added as a QA initiative.</p>
<p><b>Who will be affected by accomplishing the goal?</b></p>	<p>MDS and nursing staff</p>

### Plan: Describe the Change (Intervention) To Be Implemented

<p><b>What exactly will be done?</b></p> <p>e.g., initial intervention(s), expected outcome for each intervention, goal(s), and expected overall outcome goal rate in a percentage format.</p>	<p>The initial intervention is the creation of a documentation tab in the electronic health record. The expected outcome is a reduction in MDS staff time searching for documentation. The goal is to reduce search time to improve the MDS accuracy to improve the rate. The goal rate is a 60% reduction.</p> <p>The second intervention is the creation of a documentation template. The expected outcome is improved documentation of vaccine education and reasons for vaccine declination.</p> <p>The goal is that influenza vaccination information will be documented on the new template. The goal rate is 100% of patients on the STR unit will have a completed template with all required elements.</p>
<p><b>Who will be responsible for implementing the change?</b></p>	<p>The team includes an informatics specialist (IT), infection preventionist, MDS, RN/LPN, and staff educator.</p>

<b>Where will it take place?</b>	The first small test of change will be on Unit xxx
<b>What will be measured? Describe the measure(s) to determine if prediction succeeds.</b>	<ol style="list-style-type: none"> <li>1. Record search time</li> <li>2. Completeness of new documentation template</li> </ol>
<b>Who will be responsible for measuring the data?</b>	The MDS nurse and unit manager on the unit were selected for the initial small test of change.
<b>How will the data be collected/computed/analyzed?</b>	<ol style="list-style-type: none"> <li>1. Record search time. MDS nurse will capture baseline data on search time per record with the next five patient records and continue to log search time per record throughout PDSA cycles.</li> <li>2. Chart documentation audits. The unit manager will audit current charts to create baseline measures and audit post-PDSA cycle records to determine if the prediction succeeded.</li> </ol>
<b>What is the current data figure for that measure?</b> e.g., count, percent, rate, etc.	<p>Search time: 20 minutes per record</p> <p>Completeness of new documentation template: new process, no baseline rate</p>
<b>What should the number increase/decrease to in order to meet the goal?</b>	Search time: Eight minutes per record
<b>Did you base the measure or figure you want to attain on a particular best practice/average score/ benchmark?</b>	No
<b>Do: Implement Change</b>	
<b>Was the plan executed?</b>	Yes, the test was completed on the unit.
<b>How long was the plan executed?</b>	The first small test of change on Unit 1 was executed in a day.
<b>Document any unexpected events or problems.</b>	The nurses scheduled to work on Unit 1 on the planned date all received education on the new process and expectations. On the day of the test, one nurse was absent, and the replacement nurse was not informed of the new expectations and thus did not utilize the new tab or documentation template.
<b>Describe what actually happened when you ran the test.</b> e.g., the indicators measured, the adoption of the change by staff, process change, etc.	Record search time decreased to five minutes per record. Staff accepted the change, citing an increased understanding of documentation expectations and fewer interruptions when the MDS nurse could not locate information in a record.

## Study: Review and Reflect on Results of the Change

**Describe the measured results and how they compared to the predictions.**

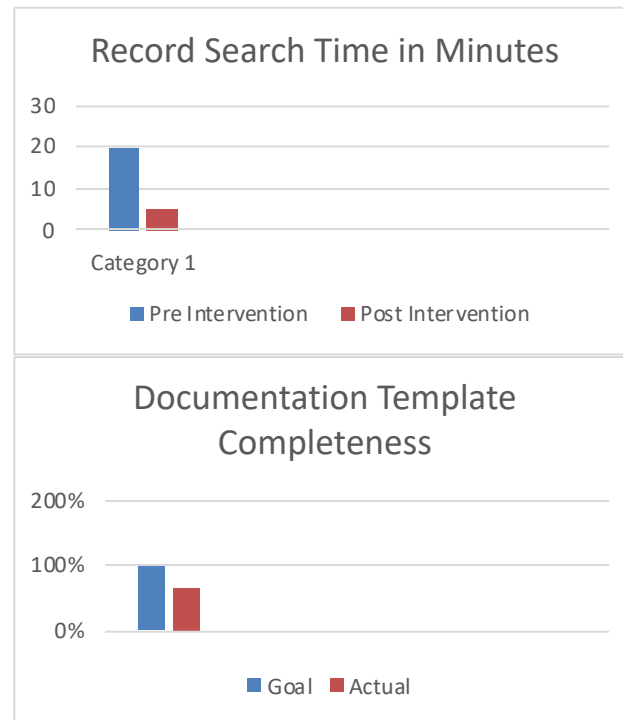
State at least one or more interventions that contributed to improving the problem.

Two interventions contributed to improvement: the creation of the EHR tab and the creation of the documentation template.

Record search time results exceeded predictions with a 75% actual reduction versus the goal prediction of a 60% reduction.

Documentation completion results were less than predicted, with 66% of templates completed, attributed to one nurse not being informed of the test and associated process changes.

**Graphically illustrate data improvement comparison from baseline to current data in percentage(s).**



**Is this change likely to continue?**

Identify at least one or more of the continued sustainable interventions that addresses the problem.

Yes, both interventions will continue.

## Act: Determine the Action Needed Based on Results of the Change

**What will you take forward from this PDSA?**

Using small tests of change before widespread implementation allowed for adjustments based on learnings from the initial tests.

**Describe what modifications to the plan will be made from what you learned.**

The documentation template being tested will be revised to add a route of administration.

## Notes