A Curriculum to Support Measurement for Improvement Training in Ireland

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The Measurement for Improvement Curriculum

The Quality Improvement Division, Measurement for Improvement (MFI) Team have launched the ‘Measurement for Improvement Curriculum; a reference document to support consistent Measurement for Improvement training in Irish healthcare’. The Curriculum has been developed to:

1. Map out the essential components of MFI training and education in Ireland at four levels of MFI expertise
2. Drive consistent, high quality and comprehensive MFI training and education
3. Make MFI training accessible to more staff working in the Irish health services

Why is the Measurement for Improvement Curriculum Needed?

As one of the six drivers for the Framework for Improving Quality, it is important for all healthcare staff to value measurement and understand its importance in answering the question; ‘how do we know if a change has resulted in an improvement?’ which is addressed at level one in the Curriculum. A smaller number of frontline staff and leaders require a deeper understanding of measurement and the knowledge and skills to use measurement to effectively drive and support improvement efforts. The Curriculum has been developed in response to the challenge of meeting the training needs of staff with differing requirements and is reflected in its four step-wise levels of expertise.

The curriculum can be accessed online at: http://bit.ly/2xyOTa6 We invite your feedback through a survey, available through this link.

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References


QID, HSE (2017) Measurement for Improvement Knowledge and Skills Guide

What is Measurement for Improvement?

Measurement for Improvement (MFI) is the analysis and presentation of quantitative and qualitative data to identify opportunities for improvement and to demonstrate if a change has resulted in an improvement.

The purpose of MFI is to drive better decision making and support sustainable improvements in the quality of care.

MFI is used at different levels across the system – by frontline staff at PDSA (Plan, Do, Study, Act) level and Quality Improvement project level, and by organisations at system level.

The Seven Steps to Measurement for Improvement & the Associated Tasks

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<thead>
<tr>
<th>Step</th>
<th>Task</th>
<th>Associated Task</th>
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<tbody>
<tr>
<td>1</td>
<td>Is there an Opportunity to Improve?</td>
<td>Use available data and information to know if an improvement is required</td>
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<tr>
<td>2</td>
<td>Choose Measures</td>
<td>Select what to measure</td>
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<tr>
<td>3</td>
<td>Plan</td>
<td>Define operational definitions</td>
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<tr>
<td>4</td>
<td>Collect Data</td>
<td>Collect data according to measurement and data collection plans</td>
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<tr>
<td>5</td>
<td>Analyse &amp; Display Data</td>
<td>Apply theory of SPC to constructing control charts and other illustrative charts</td>
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<tr>
<td>6</td>
<td>Interpret &amp; Present Findings</td>
<td>Review data and charts with subject matter expert</td>
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<tr>
<td>7</td>
<td>Act on Findings</td>
<td>Review your measurement results with respect to your aim</td>
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