Getting Started with Your Malnutrition Quality Improvement Project
Presentation Overview

- Assess Your Facility’s Readiness
- Assemble Your Team
- Understand the Process for Malnutrition Quality Improvement (QI)
- Map Your Clinical Workflow
- Select Your Quality Improvement Focus
- Using a Plan-Do-Study-Act Approach to QI
Assess Your Facility’s Readiness: Understand How to Support Your Ability to Undertake Malnutrition QI

**MQii Readiness Questionnaire**

Are you ready to end malnutrition in your hospital?
Do you have the needed resources to do this?
Is your culture one of improvement?

<table>
<thead>
<tr>
<th></th>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1 point)</td>
<td>(2 points)</td>
<td>(3 points)</td>
<td>(4 points)</td>
<td>(5 points)</td>
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**Ability to Support Quality Improvement Efforts:**

1. This hospital likes to do new and different things to improve care for patients.

2. Change in the hospital is managed well and sustained (based on experiences in the past three years).

Use the [Readiness Questionnaire](#) to evaluate your facility’s readiness to undertake malnutrition quality improvement and initial steps to prepare for your project.
<table>
<thead>
<tr>
<th>Member</th>
<th>Role</th>
<th>Suggestions</th>
<th>Est Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Executive Sponsor</td>
<td>Hospital Leader to champion the effort from a leadership perspective, works to maintain executive leadership buy-in</td>
<td>Recommend Executive Sponsor and Project Champion establish regular meetings (i.e., monthly) to receive progress updates</td>
<td>30 mins. per month to review progress and approach</td>
</tr>
<tr>
<td>Project Champion</td>
<td>Dietitian who generates support and buy-in for project by all relevant parties. Leads day-to-day efforts for this initiative. Develops processes for this project at site and spreads enthusiasm across hospital about the effort. Attends all educational webinars, participates in discussion boards and leads Toolkit implementation (e.g., leads clinician training). A nurse and/or physician may serve as a Co-champion.</td>
<td>Recommend Project Champion establish a team of champions (see next slide) and lead weekly “huddles” throughout this effort to discuss barriers and next steps. It might be useful to hold meetings twice a week.</td>
<td>10 - 15 hours per month (depends on QI focus and resources)</td>
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<tr>
<td>IT/Informatics Representative</td>
<td>Assist with collecting and analyzing data elements required for eCQMs, length-of-stay, readmissions, and any other necessary data</td>
<td>Recommend maintaining regular communications with the Project Champion to ensure timely transmission of data</td>
<td>~40 hours total to build eCQM report</td>
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### Assemble Your Team: Value of Including Champions for Each Role in the Care Team

<table>
<thead>
<tr>
<th>Recommended</th>
<th>Value-Add</th>
<th>Est Time</th>
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<tbody>
<tr>
<td><strong>Dietitian Champion</strong></td>
<td>If the Project Champion is not a dietitian, we recommend engaging a dietitian leader who will champion this effort across dietitians and make sure targeted QI changes are adopted.</td>
<td>4 – 8 hours per month (Depends on QI focus)</td>
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<td></td>
<td>It is also ideal to include a dietitian staff member on the team in addition to the dietitian project champion</td>
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<tr>
<td><strong>Nurse Champion</strong></td>
<td>Nurses are the first line of defense to identify malnourished patients. They also play a critical role in implementing interventions and discharge planning. It can be useful to have a nurse champion the value of this effort across nursing staff and make sure their nutrition care responsibilities are implemented effectively.</td>
<td>4 – 8 hours per month (Depends on QI focus)</td>
</tr>
<tr>
<td><strong>Physician Champion</strong></td>
<td>Physicians play a critical role in implementing interventions, particularly when establishing a diagnosis and support optimal care coordination amongst members of the care team. We recommend securing support from a physician leader who will champion this effort and make sure targeted QI changes are adopted.</td>
<td>4 – 8 hours per month (Depends on QI focus)</td>
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Assemble Your Team: Suggested Additional Team Member

<table>
<thead>
<tr>
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<th>Value-Add</th>
<th>Est Time</th>
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<tbody>
<tr>
<td>Quality Improvement Team Representative</td>
<td>A representative from your institution’s Quality Improvement Department/Committee should be identified to serve as a liaison responsible for the identification of existing quality improvement tools and resources within your institution to support implementation.</td>
<td>1 hour a month to attend huddles</td>
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</table>
Understand the Process for Malnutrition Quality Improvement

1. Engage Your Project Team and Secure their Commitment
2. Identify and Map Your Workflow and Compare to Recommended Best Practices
3. Complete the Assessment and Decision Tool
4. Use the Output to Select your QI Focus and Intervention
5. Plan Your Implementation and Introduce the Changes
Map Your Clinical Workflow

- **Patient admitted to hospital**
- **Conduct nutrition screening**
  - Team member: Nurse
  - Timing: Within 2 hours of admission
  - Use validated tool?
    - Y/N
- **Patient at risk for malnutrition?**
  - No
  - Continue to monitor and rescreen patients as indicated or every seven days to ensure no change in nutritional status. Complete nutrition assessment if patient is deemed at risk.
  - Yes
  - Automated dietitian consult and malnutrition-risk diet order
    - Team member: Nurse
    - Timing: Immediately
    - Per malnutrition-risk protocol, intervene with food and/or oral nutritional supplement within 24 hours to expedite malnutrition treatment and provide interim support unless contraindicated. Conduct nutrition assessment as soon as possible.
- **Conduct nutrition assessment**
  - Team member: Dietitian
  - Timing: Within 24-48 hrs. of screening
  - Use standardized tool?
    - Y/N

**Implement care plan to maintain nutrition status**
- Team member: Dietitian and other care team members
- Timing: Immediately after assessment
- Following assessment, any active malnutrition diet order should be reevaluated.

**Patient at risk for malnutrition?**
- No
- Patient malnourished?
  - Yes
  - Malnutrition diagnosis recorded
    - Team member: Dietitian, physician, or other qualified care team member
    - Timing: Immediately after assessment
    - Recorded in EHR?
      - Y/N

**Yes**

**Patient consulted on care and intervention preferences**
- Team member: Dietitian
- Timing: Immediately after diagnosis
- Preferences recorded?
  - Y/N

**Patient care plan established**
- Team member: Dietitian and other care team members
- Timing: Immediately after diagnosis

**Establish malnutrition care plan for post-discharge**
- Team member: All care team members
- Timing: 24 hrs prior to discharge

**Patient monitoring, evaluation, and care plan updates as needed**
- Team member: All care team members
- Timing: Duration of patient stay

**Patient nutrition counseling and education on discharge**
- Team member: Dietitian and other care team members
- Timing: 24 hrs prior to discharge

**Support care transition as appropriate**
- Team member: Dietitian, case manager, or nurse
- Timing: Upon discharge

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1. A list of standardized and validated screening tools is provided in body of the toolkit. If the tool is not on this list, specify which tool is used.
2. A list of standardized and validated assessment tools is provided in body of the toolkit. If the tool is not on this list, specify which tool is used.
Select Your Malnutrition QI Intervention

Use the [Care Assessment and Decision Tool](#) to consider where opportunities for improvement exist, based on the results of your clinical workflow mapping.

Answer the questions below regarding malnutrition risk screening practices at your hospital:

<table>
<thead>
<tr>
<th>Question</th>
<th>Yes</th>
<th>No</th>
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<tbody>
<tr>
<td>1. Does a member of your care team (e.g., nurse or diet tech) perform a</td>
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<tr>
<td>malnutrition risk screening for all patients ages 65+ admitted to the</td>
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<td></td>
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<tr>
<td>hospital?</td>
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<tr>
<td>a. Does a member of your care team (e.g., nurse or diet tech) perform</td>
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<tr>
<td>a malnutrition risk screening for all patients ages 65+ within 24 hours</td>
<td></td>
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<tr>
<td>of admission?</td>
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<tr>
<td>b. Is the malnutrition risk screening tool in use at your facility a</td>
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<tr>
<td>validated screening tool?</td>
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<td></td>
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<tr>
<td>i. If no, does your current tool produce reliable results (i.e., if</td>
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<tr>
<td>administered by different clinicians, does it produce the same result)?</td>
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<tr>
<td>ii. If no, does your current tool produce valid results (i.e., do</td>
<td></td>
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<tr>
<td>subsequent nutrition assessments typically confirm the malnutrition</td>
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<tr>
<td>risk screening results)?</td>
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*If you answered “no” to any of the questions above, this may represent an opportunity or area for malnutrition quality improvement in your hospital.*

You can also use the electronic clinical quality measures (eCQMs) to collect baseline data on your care processes and identify existing gaps in care delivery.
Using a PDSA Approach to QI Allows You to Pursue Improvements with Guidance from eCQM Data

Each tool includes guidance on how and when your team is recommended to use it to support QI decision-making and/or your QI implementation approach

PDSA: Plan-Do-Study-Act; QI: Quality Improvement

*Resources referenced can be found on the MQii website at: [http://www.MQii.Today](http://www.MQii.Today)
MQii Tools To Support Participants’ QI Initiatives (1/2)

PROJECT MANAGEMENT TOOLS IN THE PLAN & DO STEPS OF THE PDSA CYCLE FOCUS ON SETTING UP YOUR QI INITIATIVE AND PROJECT TEAM

Each tool includes guidance on how and when it can be used to support you with managing your QI intervention

**Plan Resources**

<table>
<thead>
<tr>
<th>Tool</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Getting Started Checklist</td>
<td>Outlines critical steps for beginning a malnutrition QI project</td>
</tr>
<tr>
<td>Malnutrition Clinical Workflow Template</td>
<td>Allows you to map your current workflow and compare it to the recommended best practice workflow</td>
</tr>
<tr>
<td>Care Assessment &amp; Decision Tool</td>
<td>Guides your team’s understanding of the current state of malnutrition care</td>
</tr>
</tbody>
</table>

**Do Resources**

<table>
<thead>
<tr>
<th>Tool</th>
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<tbody>
<tr>
<td>Root Cause Analysis Guide</td>
<td>This will facilitate and allow you and your team to drill down to the root cause and find optimal solutions</td>
</tr>
<tr>
<td>PDSA Cycle Templates</td>
<td>After you assess your progress the PDSA cycle will help you prepare and take any next steps</td>
</tr>
<tr>
<td>Implementation Roadmap</td>
<td>Recommends actions for your implementation period, including expected outcomes and suggested timing</td>
</tr>
<tr>
<td>MQii Project Charter*</td>
<td>Planning tool to be completed with your team as you work through the Implementation Roadmap</td>
</tr>
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</table>

QI: Quality Improvement

*Tools referenced can be found on the MQii website at: [http://www.MQii.Today](http://www.MQii.Today)
MQii Tools To Support Participants’ QI Initiatives

PROJECT MANAGEMENT TOOLS IN THE STUDY & ACT STEPS OF THE PDSA CYCLE FOCUS ON IMPLEMENTATION, COLLECTING AND ANALYZING DATA

Each tool includes guidance on how and when it can be used to support you with managing your QI intervention

**“Study” Resources**

- **eCQM Specifications Manual**
  Provides you with guidance on how to implement the four malnutrition eCQMs

- **Lessons Learned Log***
  Provides a template for documenting the lessons learned over the course of your QI implementation

**“Act” Resources**

- **Sustainability Plan Template***
  Guides you with development of a plan for short- and long-term strategies for sustaining improvements

- **Lessons Learned Log***
  Allows you to use those lessons logged during implementation to extract insights and identify potential modifications that may be made to your project

QI: Quality Improvement

*Tools referenced can be found on the MQii website at: [http://www.MQii.Today](http://www.MQii.Today)
Data Collection Will be Critical to Implementation

1. Engage Your IT Team and Secure their Commitment
2. Identify and Map Data Elements & Build eCQM report
3. Run Report and Evaluate Performance
4. Use the Report to Measure Progress
5. Refine the Report as Needed to Align with Your MQii Goals

Data Collection Will be Critical to Implementation