Global Malnutrition Composite Score

Overview of measure components, workflow, and scoring algorithm

*Updated December 2022*
Global Malnutrition Composite Score Is a Continuous Variable Measure Based on Modified Versions of 4 Measures

COMPONENT MEASURE DENOMINATORS & NUMERATORS

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<th>Component Measures</th>
<th>Numerator¹</th>
<th>Denominator²</th>
<th>Differences from Individual Measures</th>
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<tr>
<td>Completion of a Malnutrition Screening</td>
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<tr>
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<tr>
<td>Documentation of Malnutrition Diagnosis</td>
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<td>Measure moved in order from #4 to #3 to more accurately reflect sequence of nutrition care process</td>
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<tr>
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</tr>
</tbody>
</table>

¹These descriptions are based on the measure specifications as of fall 2022, before completion of the 2022–2023 Annual Update cycle.

²For continuous variable measures like the GMCS, numerators are called measure observations and denominators are considered clinical eligibility.
Performance on Global Malnutrition Composite Score Is Based on 4 Component Measure Scores

GMCS performance is based on 3 calculations:
1. Add up completed malnutrition care process components (with a total from 0–4)
2. Divide sum of components by number of eligible denominators (which is either 1, 2, or 4)*
3. Divide result from part 2 above by the number of eligible hospitalizations in the measure population

*The sum of denominators represents the number of GMCS components that should be performed during a hospitalization based on the patient’s clinical malnutrition needs. This will always be 4 except for in 2 instances: it is 1 for a hospitalization if the patient is not identified as at risk or it is 2 for a hospitalization if the patient is not identified with moderate or severe malnutrition.
Comprehensive Care Workflow Is Captured by Global Malnutrition Composite Score

Hospital Admission/Intake

Patient

Screened for Malnutrition Risk
Determines if patient is at risk of malnutrition & should be referred to for nutrition assessment & diagnosis

Component Measure #1

Screened At Risk (+)
 Avg. LOS: 6.18 days
 Readmission: 20.3%

RDN Nutrition Assessment

Complete Nutrition Assessment
Physical assessment of at-risk patients to confirm presence of malnutrition & develop care plan

Component Measure #2

Not Malnourished
 Avg. LOS: 4.81 days
 Readmission: 16.1%

Nutrition Care Plan

Patient

Initiate Plan of Care
With confirmed diagnosis of malnutrition, developed plan of care should be initiated to provide nutrition intervention

Component Measure #4

Care Plan Developed for Malnourished Patient
 Avg. LOS: 9.46 days
 Readmission: 21.4%

Some patients end up diagnosed with malnutrition by a physician, but are never seen by an RDN. They are often the patients lacking a nutrition care plan once diagnosed.

Moderate/Severe Malnutrition
 Avg. LOS: 7.46 days
 Readmission: 22.2%

Medical Diagnosis

Confirm Malnutrition Diagnosis
Physician reviews RDN recommendations & documents malnutrition diagnosis & should advance nutrition care plan

Component Measure #3

Malnourished Patient w/ No Care Plan Documented
 Avg. LOS: 6.46 days
 Readmission: 26.5%

RDN: Registered Dietitian Nutritionist; LOS: Length of Stay