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Pioneers in Quality
Expert to Expert Webinar Series

New Measure Review for 2024 Reporting Year
CMS 986 Global Malnutrition Composite Score

February 22, 2024

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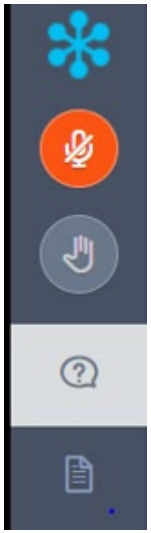

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Welcome!

But first things first…

"Get Started with eCQMs"

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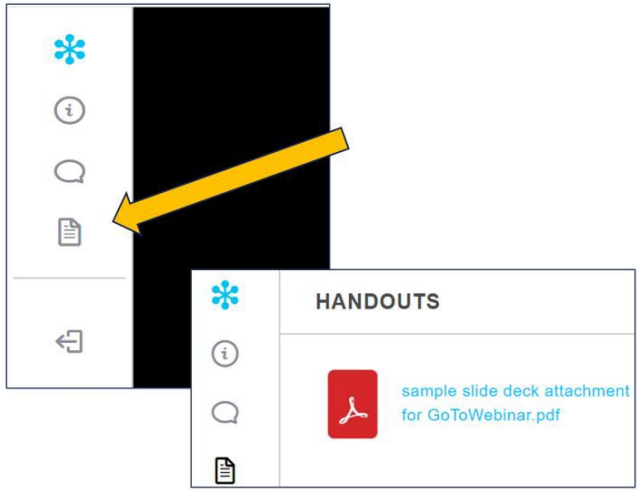

Slides will also be available here within several weeks:
https://www.jointcommission.org/measurement/quality-measurement-webinars-and-videos/expert-to-expert-webinars/

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- California Board of Registered Nursing

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Learning Objectives:

- Navigate to the measure specifications, value sets, measure flow diagrams and technical release notes
- Apply concepts learned about the logic and intent for the Global Malnutrition Composite Score eCQM
- Prepare to implement the Global Malnutrition Composite Score eCQM for the 2024 eCQM reporting period
- Identify common issues and questions regarding the Global Malnutrition Composite Score eCQM

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Topics Not Covered in Today's Webinar

- Basic eCQM concepts
- Topics related to chart abstracted measures
- Process improvement efforts related to this measure
- eCQM validation

Disclosure Statement

These staff and speakers have disclosed that they do not have any conflicts of interest. For example, financial arrangements, affiliations with, or ownership of organizations that provide grants, consultancies, honoraria, travel, or other benefits that would impact the presentation of today's webinar content.

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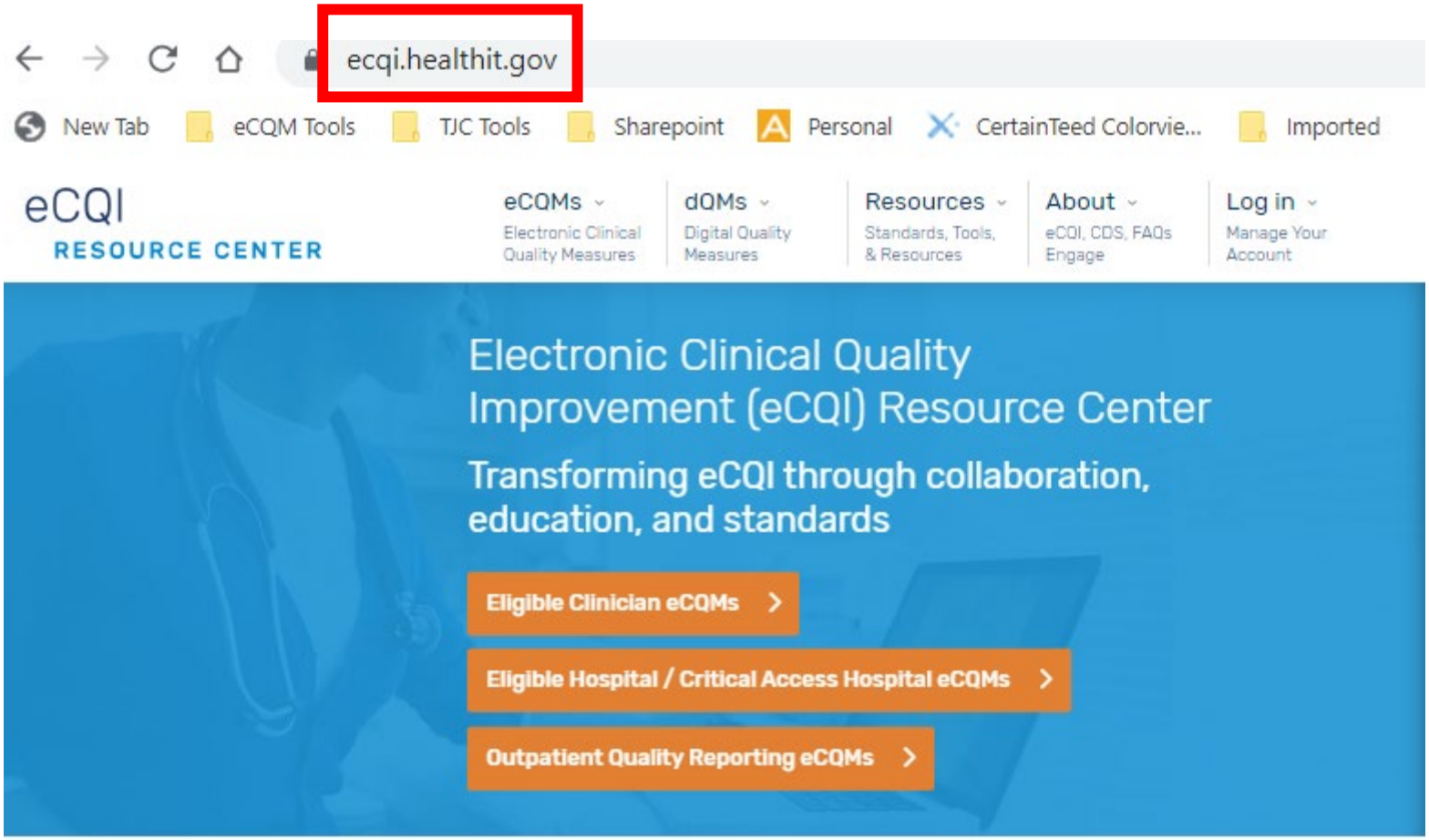
Pioneers in Quality Expert to Expert Webinar Agenda: EH/CAH eCQMs

- Demonstrate eCQI Resource Center navigation to measure specifications, value sets, measure flow diagrams and technical release notes
- Review the measure flow/algorithm
- Review the new Global Malnutrition Composite Score eCQM
- Review FAQs
- Facilitated Audience Q&A Segment

eCQI Resource Center Website Demo



CMS 986 Global Malnutrition Composite Score Overview

CMS986: Adopted Into CMS Program

- CMS approved CMS986 Global Malnutrition Composite Score for use in the Hospital Inpatient Quality Reporting Program.
- Organizations can self-select to report the measure to CMS for calendar year (CY) 2024 reporting period/fiscal year (FY) 2026 payment determination.
- Organizations can self-select to report the measure to The Joint Commission for CY 2024 to meet ORYX eCQM submission requirements.

CMS986 Global Malnutrition Composite Score

CMS986: Consensus Based Entity (CBE) Endorsement

- CMS986 Global Malnutrition Composite Score was endorsed by the National Quality Forum (NQF) in 2021
- CBE #3592e

CMS986 Rationale

- Measure assesses percentage of hospitalizations for adults ≥65 years of age with LOS ≥24 hours who receive optimal malnutrition care
- Malnutrition care best practices recommend
  - Screening for malnutrition risk
  - Assessed by RD/RDN for malnutrition
  - Diagnosis by MD/provider
  - Nutrition care plan by RD/RDN

CMS986 Rationale (continued)

- Patients with malnutrition have increased rates of complications, longer lengths of stay, and higher morbidity than those non-malnourished
- Nutrition interventions with associated monitoring and evaluation are associated with improved outcomes
- Interdisciplinary collaboration is essential to high-quality malnutrition care

CMS986 Measure Specifications

- GMCS is a continuous variable measure
  - Initial Population (IP): Patients admitted to the hospital
  - Measure Population (MSRPOPL): ≥65 years of age & ≥ 24 hours admission
  - Measure Population Exclusions: none

- GMCS is a composite measure
  - 4 individual components measured
  - Scores summed in each encounter
  - Facility aggregate score for reporting period

CMS986 Measure Specifications

Measure Observation (MO)	Short Description	MO Details	Staff Involved
MO 1: Malnutrition Risk Screening	Encounters with Malnutrition Risk Screening and Identified Result	Identifies hospital encounters where a "Malnutrition Risk Screening" was performed with a current identified "Malnutrition Screening Not At Risk Result" or current identified "Malnutrition Screening At Risk Result"	A nursing professional, registered dietitian (RD), or registered dietitian nutritionist (RDN)
MO 2: Nutrition Assessment	Encounters with Nutrition Assessment and Identified Status	Identifies hospital encounters where a "Nutrition Assessment" was performed with a current identified "Nutrition Assessment Status Not or Mildly Malnourished", "Nutrition Assessment Status Moderately Malnourished" OR "Nutrition Assessment Status Severely Malnourished"	An RD or RDN
MO 3: Malnutrition Diagnosis	Encounters with Malnutrition Diagnosis	Identifies hospital encounters where a current "Malnutrition Diagnosis" was documented AND "Nutrition Assessment Status Moderately Malnourished" or "Nutrition Assessment Status Severely Malnourished"	A physician or other qualified healthcare professional
MO 4: Nutrition Care Plan	Encounters with Nutrition Care Plan	Identifies hospital encounters where a current "Nutrition Care Plan" was performed AND "Nutrition Assessment Status Moderately Malnourished" or "Nutrition Assessment Status Severely Malnourished"	An RD or RDN
Total Malnutrition Components Score	Sum of all Components	Sum Measure Observation 1 + Measure Observation 2 + Measure Observation 3 + Measure Observation 4	
Total Malnutrition Composite Score as Percentage	Individual GMCS Score	Divide Total Malnutrition Components Score by Eligible Denominators, then multiple by 100 to calculate the percentage	

GMCS Episode Performance Case #1

68-year-old male with a LOS of 4 days

Component	Completed	Evidence Documented	Numerator (Calculations 1-4)
Component 1: Malnutrition risk screen	✓	At risk	1
Component 2: RDN nutrition assessment	✓	Documented Moderate malnutrition with RD Assessment	1
Component 4: RDN nutrition care plan	✓	Documented Nutrition Care Plan addressing malnutrition and its causes	1
Component 3: Physician malnutrition diagnosis	✓	Moderate malnutrition	1

Eligible Denominator = 4

Components 1 and 2 were positive for malnutrition

Calculation 5 = 1+1+1+1 = 4

Calculation 6

= *sum of documented component ÷ eligible denominators x100*

= 4 ÷ 4 ×100 = **100%**

Interpretation: 100% of measure observations required were documented

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GMCS Episode Performance Case #2

77-year-old female with a length of stay of 9 days

Component	Completed	Evidence Documented	Numerator (Calculations 1-4)
Component 1: Malnutrition risk screen	✓	At risk	1
Component 2: RDN nutrition assessment	✓	Documented Moderate malnutrition with RD Assessment	1
Component 4: RDN nutrition care plan	✓	Documented Nutrition Care Plan addressing malnutrition and its causes	1
Component 3: Physician malnutrition diagnosis	**X**	No documentation	0

Eligible Denominator = 4

Components 1 and 2 were positive for malnutrition

Calculation 5 = 1+1+1+0 = 3

Calculation 6

= *sum of documented component ÷ eligible denominators x100*

= 3 ÷ 4 ×100 = **75%**

Interpretation: 75% of measure observations required were documented

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GMCS Episode Performance Case #3

65-year-old male with a length of stay of 2 days

Component	Completed	Evidence Documented	Numerator (Calculations 1-4)
Component 1: Malnutrition risk screen	✓	At risk	1
Component 2: RDN nutrition assessment	**X**	No documentation	0
Component 4: RDN nutrition care plan	**X**	No documentation	0
Component 3: Physician malnutrition diagnosis	**X**	No documentation	0

Eligible Denominator = 4

Components 1 and 2 were positive for malnutrition

Calculation 5 = 1+0+0+0 = 1

Calculation 6

= *sum of documented component ÷ eligible denominators x100*

= 1 ÷ 4 ×100 = **25%**

Interpretation: 25% of measure observations required were documented

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GMCS Episode Performance Case #4

65-year-old female with a length of stay of 4 days

Component	Completed	Evidence Documented	Numerator (Calculations 1-4)
Component 1: Malnutrition risk screen	✓	Not at risk	1
Component 2: RDN nutrition assessment	**N/A**	No documentation	**N/A**
Component 4: RDN nutrition care plan	**N/A**	No documentation	**N/A**
Component 3: Physician malnutrition diagnosis	**N/A**	No documentation	**N/A**

Eligible Denominator = 1

Component 1 was negative for malnutrition risk

Calculation 5 = 1+0+0+0 = 1

Calculation 6

= sum of documented component ÷ eligible denominators x100

= 1 ÷ 1 ×100 = **100%**

Interpretation: 100% of measure observations required were documented

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GMCS Episode Performance Case #5

75-year-old female with a length of stay of 8 days

Component	Completed	Evidence Documented	Numerator (Calculations 1-4)
Component 1: Malnutrition risk screen	✓	At risk	1
Component 2: RDN nutrition assessment	✓	Documented with no malnutrition diagnosis after assessment	1
Component 4: RDN nutrition care plan	**N/A**	No documentation	**N/A**
Component 3: Physician malnutrition diagnosis	**N/A**	No documentation	**N/A**

Eligible Denominator = 2

Component 2 was negative for malnutrition

Calculation 5 = 1+1+0+0 = 2

Calculation 6

= *sum of documented component ÷ eligible denominators x100*

= 2 ÷ 2 ×100 = **100%**

Interpretation: 100% of measure observations required were documented

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GMCS Aggregate Calculation Example

GMCS Aggregate Hospital Performance =
Episode GMCS Performance ÷ # of Eligible Episodes

(100% + 75% + 25% + 100% + 100%) ÷ 5 hospitalization = 400 ÷ 5 = **80%**

Interpretation: 80% of all clinically eligible components (measure observations) were documented for the measure population (hospitalizations ≥ 24 hours for patients ≥ 65 years)

The Goal is to be closer to 100%.

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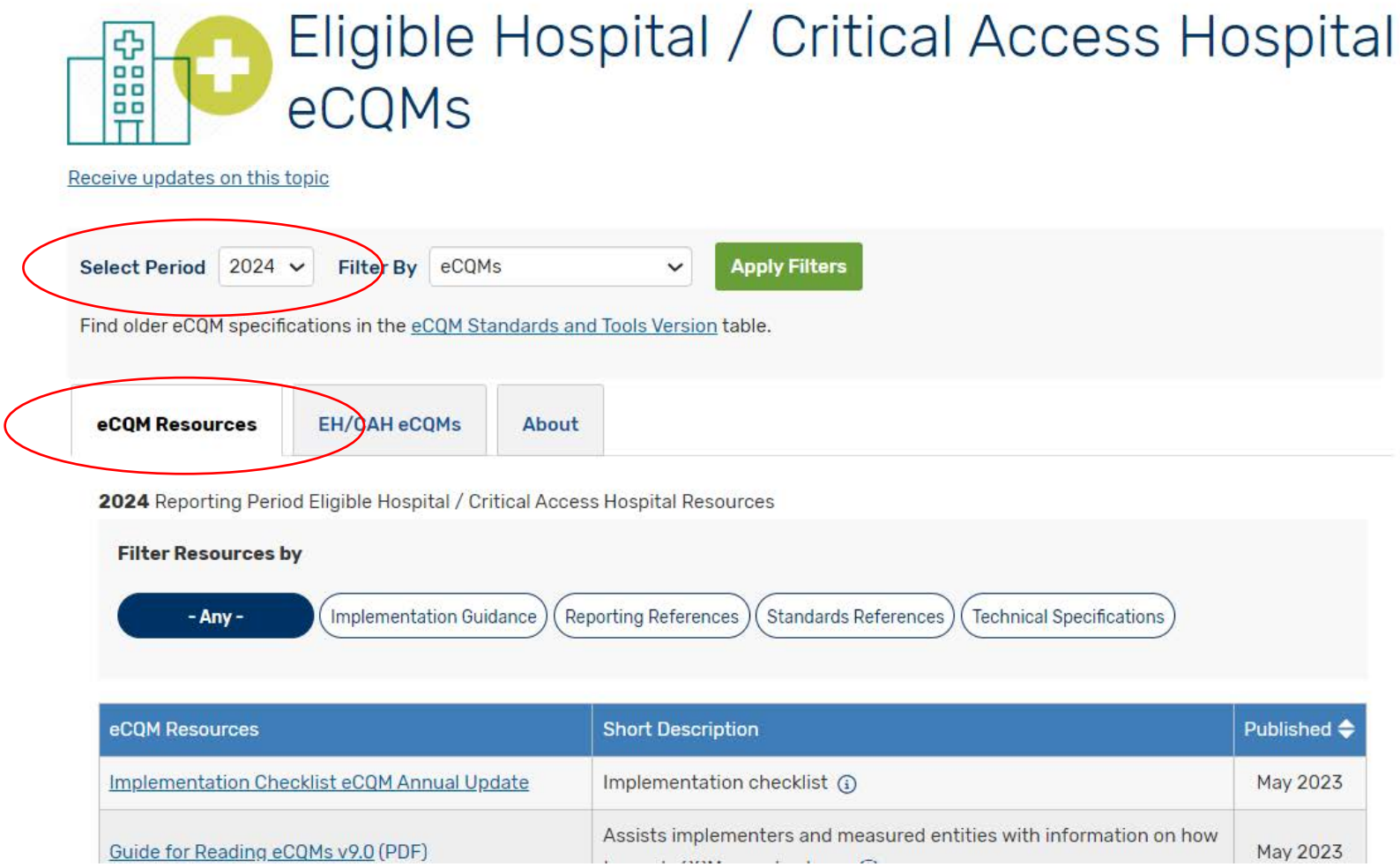
CMS986 Measure Specifications

Description: Percentage of hospitalizations for adults aged 65 years and older at the start of the inpatient encounter during the measurement period with a length of stay equal to or greater than 24 hours who received optimal malnutrition care during the current inpatient hospitalization where care performed was appropriate to the patient's level of malnutrition risk and severity

Initial Population	Measure Observation Denominator	Denominator Exclusion
Inpatient hospitalization	Use 1 if MO1 was performed and a "Not At Risk Result" was identified and No "Hospital Dietitian Referral" ordered	No Exclusions
Age: >= 65 years at start of encounter	Use 2 if an "At Risk Result" or "Hospital Dietitian Referral" present AND "Nutrition Assessment Status Not/Mildly Malnourished" present	
Length of stay >=24 hours	Use 4 in all other instances	

Navigation to the Measure Flow Diagrams

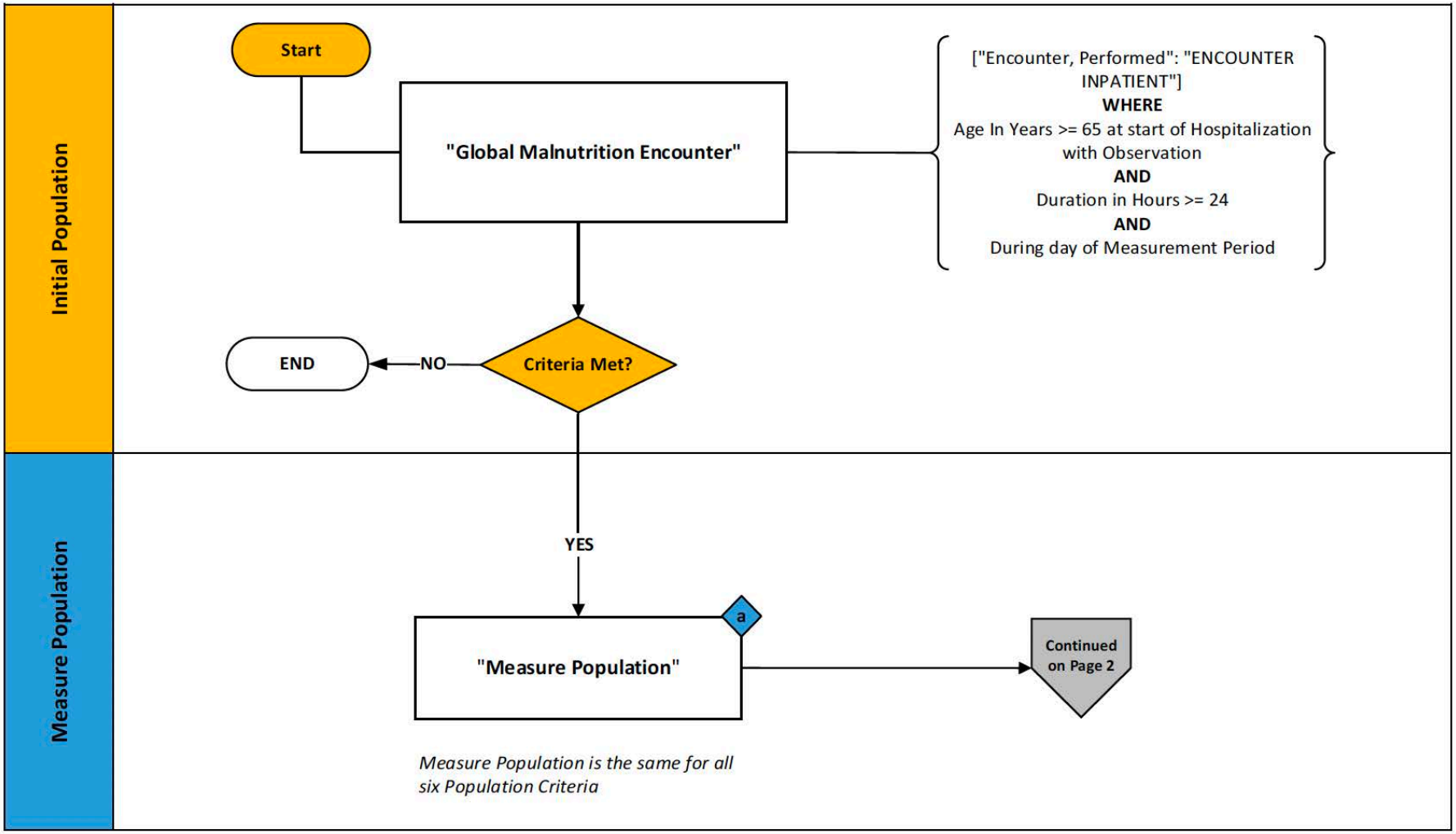
Navigation to the Measure Flow Diagrams
(continued)



Navigation to the Measure Flow Diagrams
(continued)

eCQM Resources	Short Description	Published
Implementation Checklist eCQM Annual Update	Implementation checklist	May 2023
Guide for Reading eCQMs v9.0 (PDF)	Assists implementers and measured entities with information on how to read eCQM specifications	May 2023
Hospital Quality Reporting Table of eCQMs (PDF)	List of eCQMs available for use	May 2023
eCQM Specifications for Hospital Quality Reporting (ZIP)	eCQM technical specifications	May 2023
Measure Authoring Tool (MAT) Global Common Library (GCL) Technical Specifications (ZIP)	MAT-CGL specifications	May 2023
eCQM and Hybrid Measure Value Sets	Value sets used with eCQMs and Hybrid Measures	May 2023
eCQM Direct Reference Codes List	eCQM Direct Reference Codes used in eCQMs	May 2023
Binding Parameter Sp tion (BPS)	Value set metadata	May 2023
eCQM Logic and Im ntation Guidance v7.0 (PDF)	Assists implementers and measured entities with how to use eCQMs and report issues	May 2023
Standards and t rsions used for reporting/perf ce period	Tools and standards versions measure developers used to create eCQMs and versions of standards and tools used for their reporting	Mar 2023
Technical Re Notes (PDF)	Year over year changes to eCQMs, including logic and terminology	May 2023
Technic se Notes (ZIP)	Year over year changes to eCQMs, including logic and terminology	May 2023
eCQM Flows (ZIP)	Assists implementers and measured entities with steps to take to calculate an eCQM	Aug 2023

CMS986 Measure Flow Diagram



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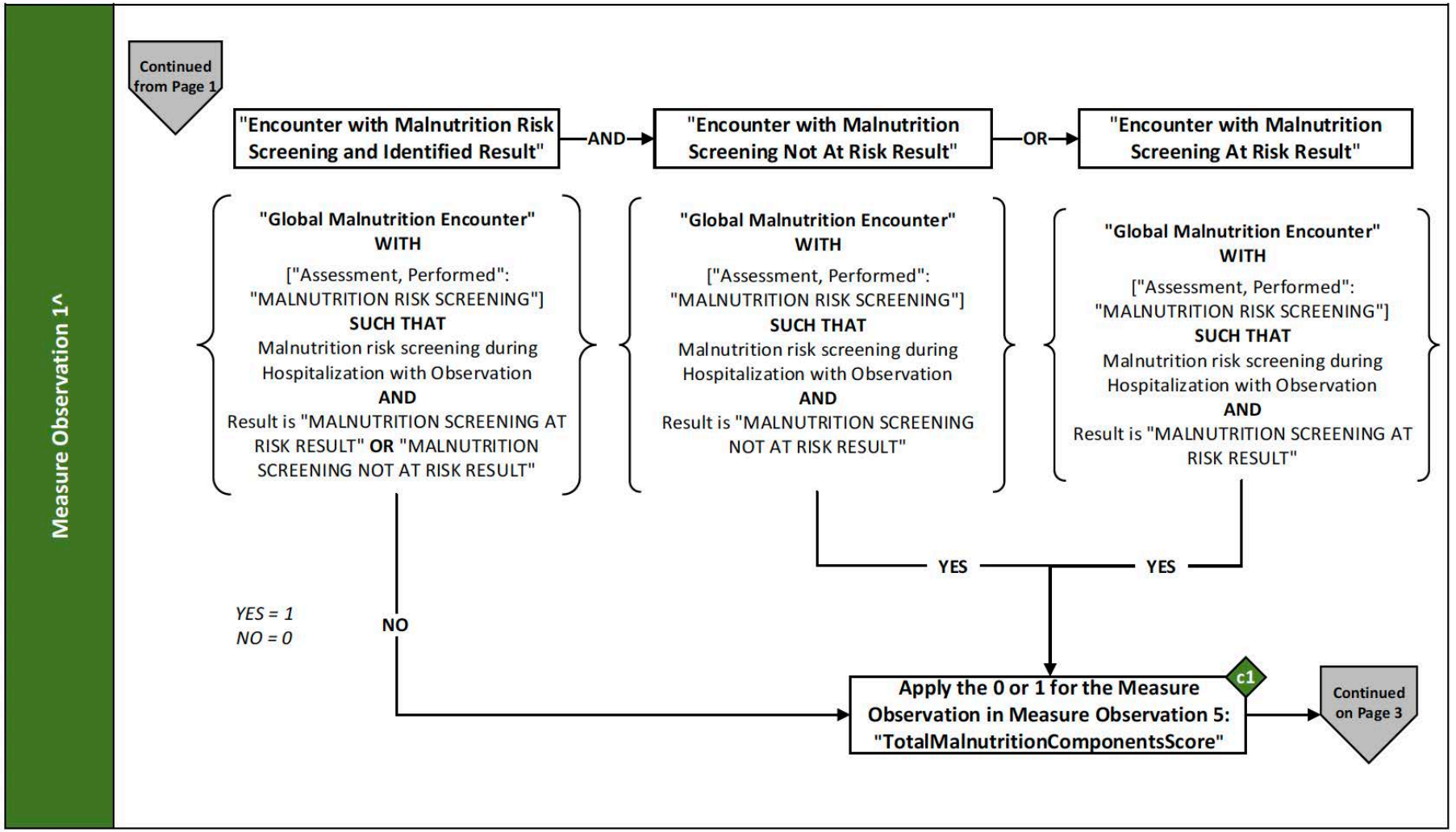
CMS986 Measure Flow Diagram (continued)



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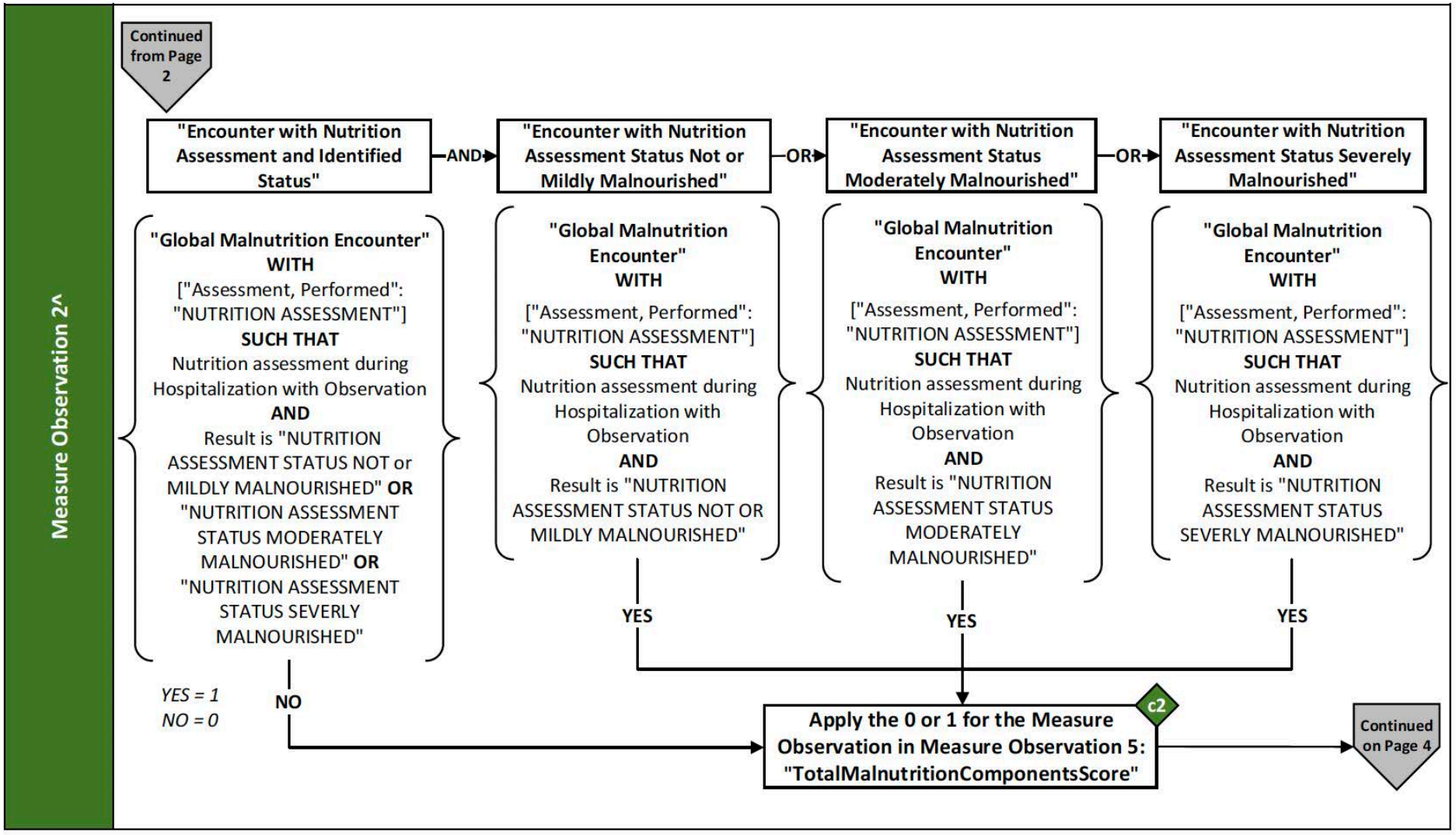
CMS986 Measure Flow Diagram (continued)



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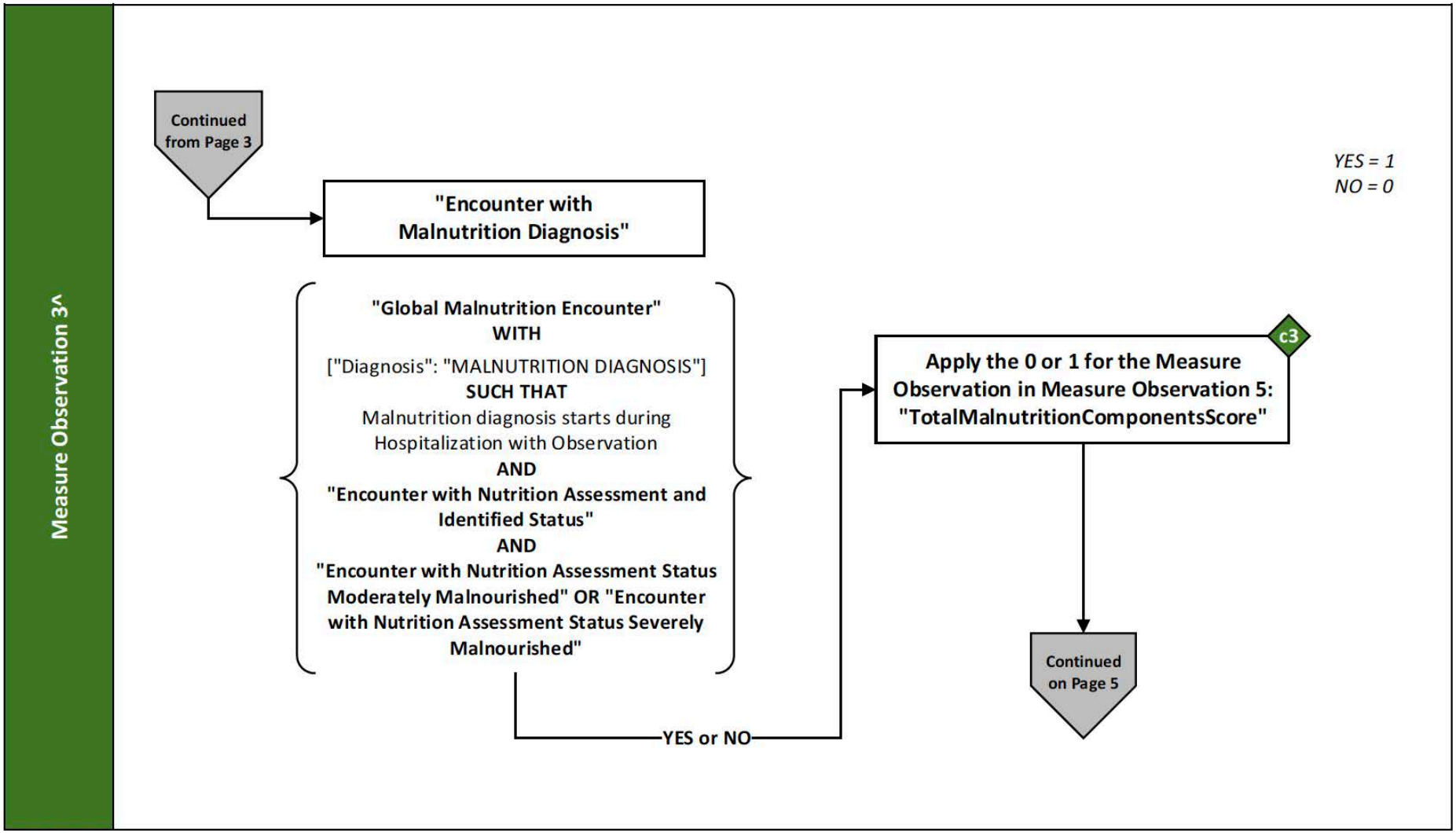
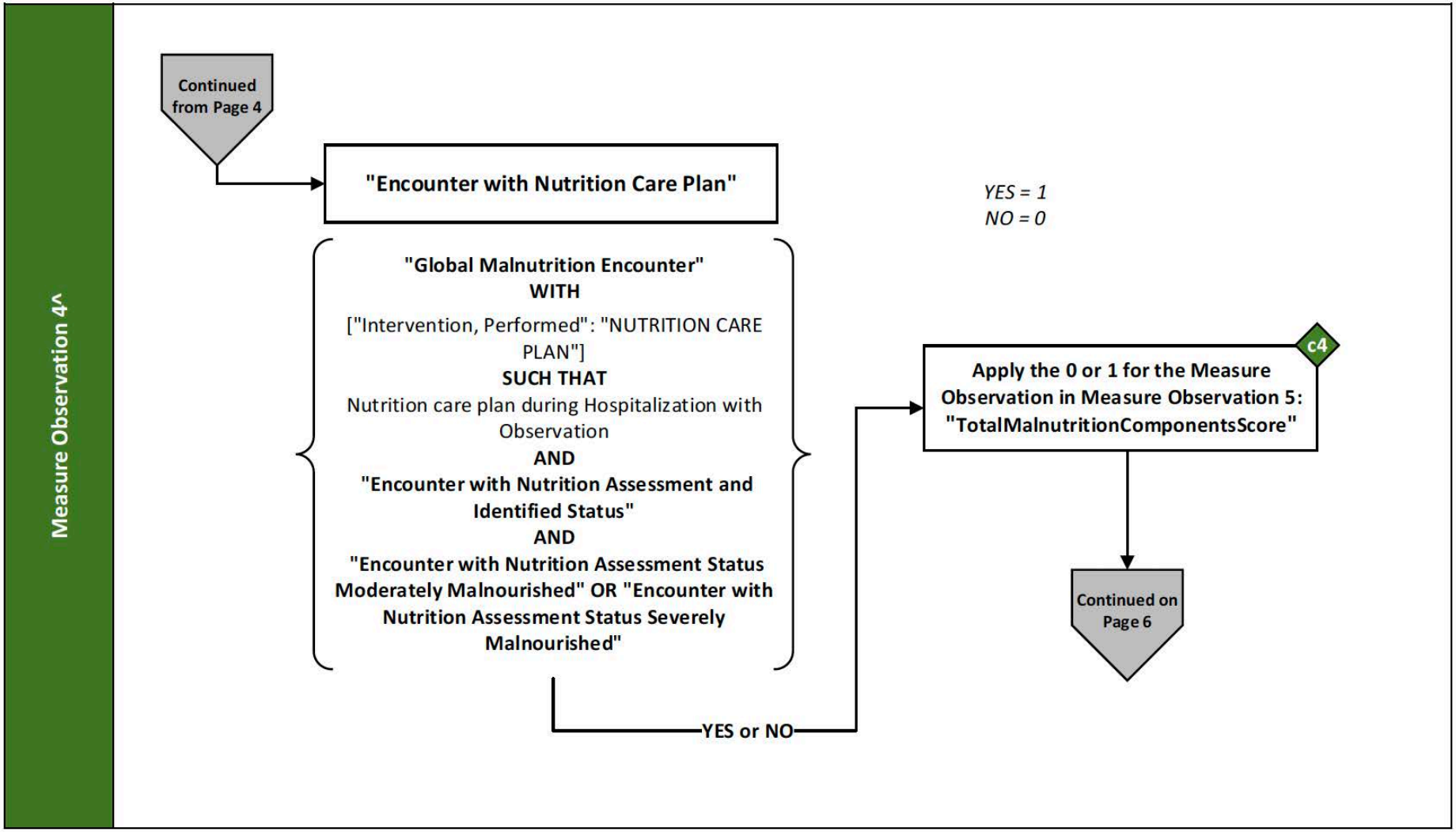
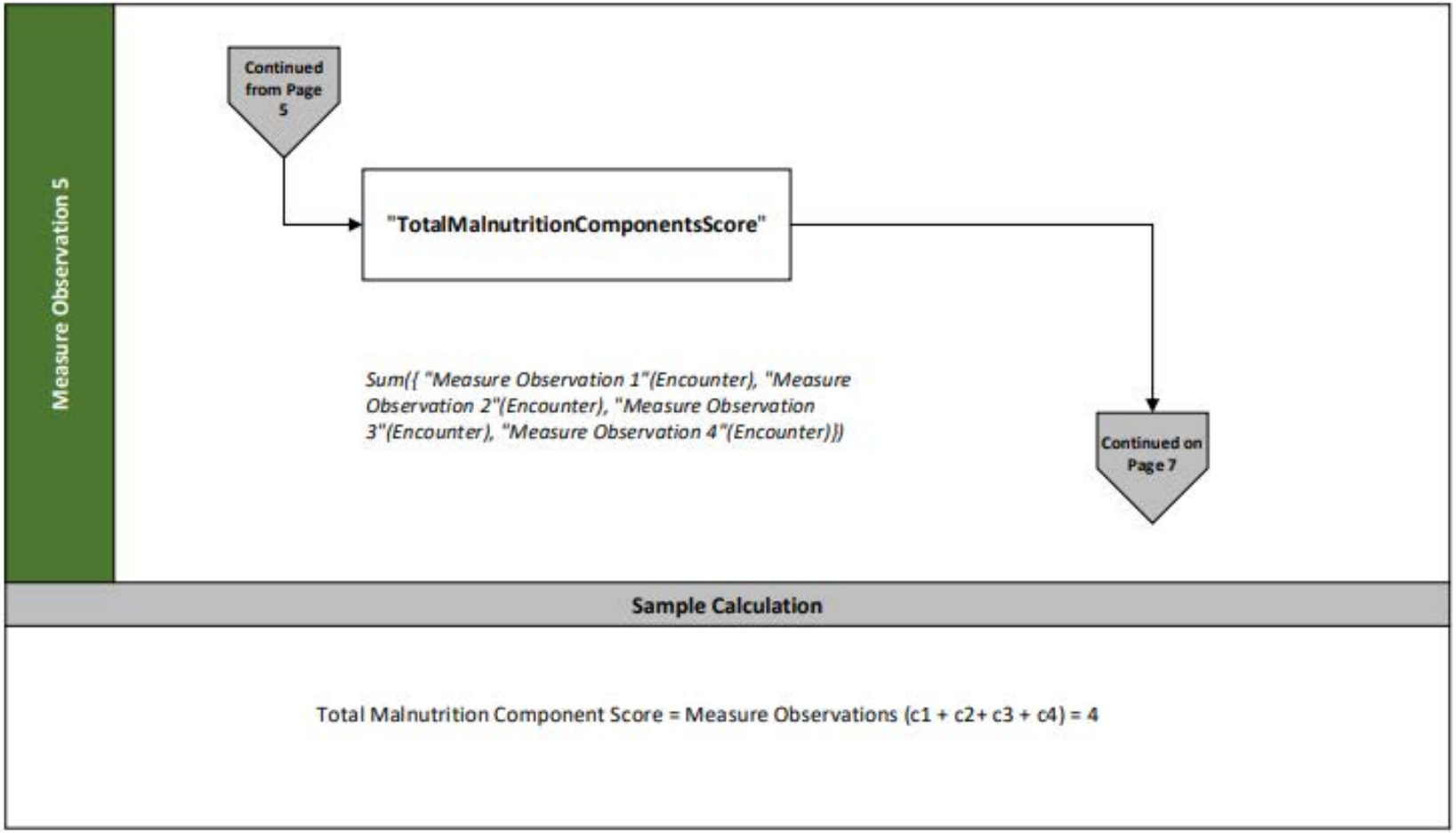
CMS986 Measure Flow Diagram (continued)



CMS986 Measure Flow Diagram (continued)



CMS986 Measure Flow Diagram (continued)



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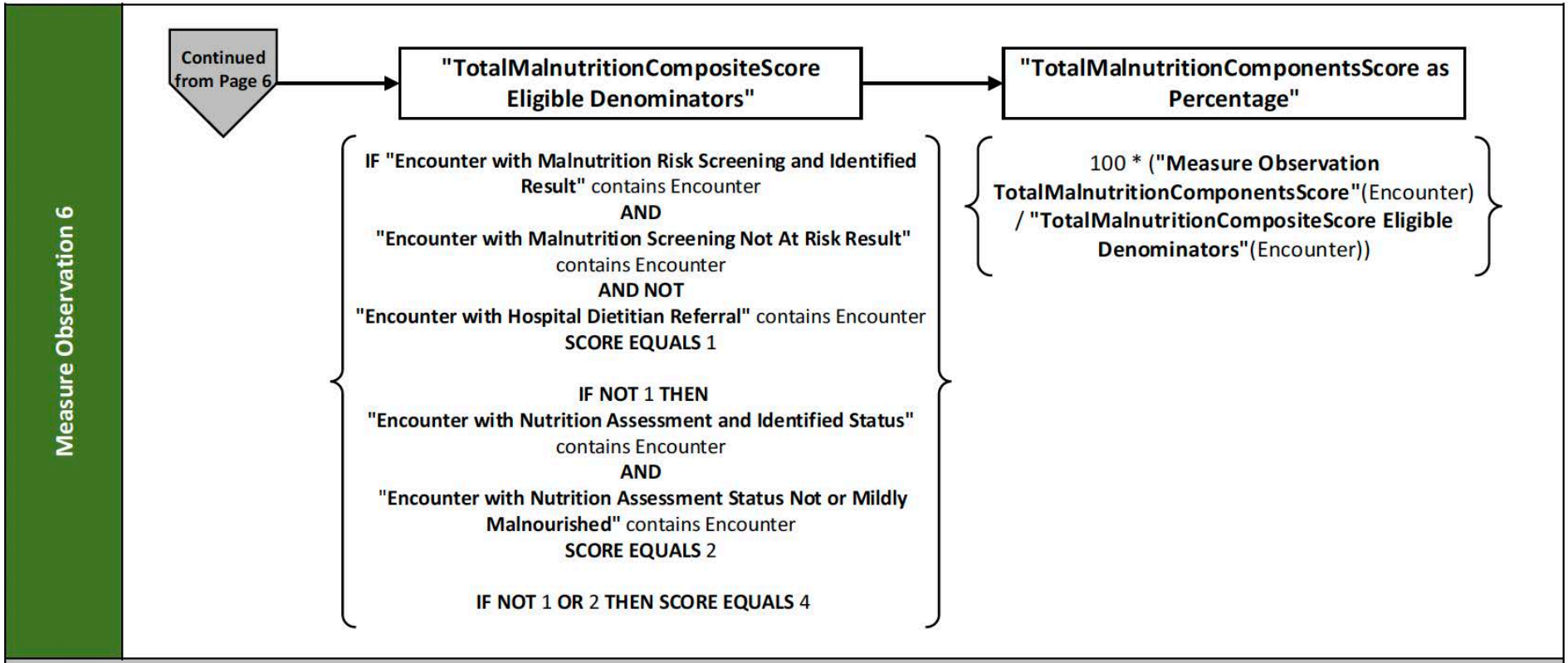
CMS986 Measure Flow Diagram (continued)



Sample Calculation

$$\text{Total Malnutrition Component Score as a Percentage} = \frac{\text{Measure Observations (c1 + c2+ c3 + c4) = 4}}{\text{TotalMalnutritionCompositeScore Eligible Denominators = 4}} * 100 = 100\%$$

CMS986 Measure Specifications

Measure Observation (MO)	Short Description	MO Details	Staff Involved
MO 1: Malnutrition Risk Screening	Encounters with Malnutrition Risk Screening and Identified Result	Identifies hospital encounters where a "Malnutrition Risk Screening" was performed with a current identified "Malnutrition Screening Not At Risk Result" or current identified "Malnutrition Screening At Risk Result"	A nursing professional, registered dietitian (RD), or registered dietitian nutritionist (RDN)
MO 2: Nutrition Assessment	Encounters with Nutrition Assessment and Identified Status	Identifies hospital encounters where a "Nutrition Assessment" was performed with a current identified "Nutrition Assessment Status Not or Mildly Malnourished", "Nutrition Assessment Status Moderately Malnourished" OR "Nutrition Assessment Status Severely Malnourished"	An RD or RDN
MO 3: Malnutrition Diagnosis	Encounters with Malnutrition Diagnosis	Identifies hospital encounters where a current "Malnutrition Diagnosis" was documented AND "Nutrition Assessment Status Moderately Malnourished" or "Nutrition Assessment Status Severely Malnourished"	A physician or other qualified healthcare professional
MO 4: Nutrition Care Plan	Encounters with Nutrition Care Plan	Identifies hospital encounters where a current "Nutrition Care Plan" was performed AND "Nutrition Assessment Status Moderately Malnourished" or "Nutrition Assessment Status Severely Malnourished"	An RD or RDN
Total Malnutrition Components Score	Sum of all Components	Sum Measure Observation 1 + Measure Observation 2 + Measure Observation 3 + Measure Observation 4	
Total Malnutrition Composite Score as Percentage	Individual GMCS Score	Divide Total Malnutrition Components Score by Eligible Denominators, then multiple by 100 to calculate the percentage	

CMS986 Initial Population

"Global Malnutrition Encounter"

Global Malnutrition Encounter
[Encounter, Performed": "Encounter Inpatient"] EncounterInpatient
where AgeInYearsAt(date from start of EncounterInpatient.relevantPeriod)>= 65
and duration in hours of EncounterInpatient.relevantPeriod >= 24
and EncounterInpatient.relevantPeriod during day of "Measurement Period"

CMS986 Numerator: Measure Observation 1

"Measure Observation 1"(Encounter "Encounter, Performed"):
if ("Encounter with Malnutrition Risk Screening and Identified Result" contains Encounter
and ("Encounter with Malnutrition Screening Not At Risk Result" contains Encounter
or "Encounter with Malnutrition Screening At Risk Result" contains Encounter
)
) then 1
else 0

CMS986 Measure Observation Definitions

Encounter with Malnutrition Risk Screening and Identified Result

```
"Global Malnutrition Encounter" GlobalMalnutritionEncounter
  with ["Assessment, Performed": "Malnutrition Risk Screening"]
MalnutritionRiskScreening
    such that Coalesce(start of
Global."NormalizeInterval"(MalnutritionRiskScreening.relevantDatetim
e, MalnutritionRiskScreening.relevantPeriod),
MalnutritionRiskScreening.authorDatetime)during
Global."HospitalizationWithObservation" (
GlobalMalnutritionEncounter )
      and ( MalnutritionRiskScreening.result in "Malnutrition Screening
Not At Risk Result"
         or MalnutritionRiskScreening.result in "Malnutrition Screening At
Risk Result"
      )
```

CMS986 Measure Observation Definitions

Encounter with Malnutrition Screening At Risk Result

"Global Malnutrition Encounter" GlobalMalnutritionEncounter
  with ["Assessment, Performed": "Malnutrition Risk Screening"]
MalnutritionRiskScreening
    such that Coalesce(start of
Global."NormalizeInterval"(MalnutritionRiskScreening.relevantDatetime, MalnutritionRiskScreening.relevantPeriod),
MalnutritionRiskScreening.authorDatetime)during
Global."HospitalizationWithObservation" (
GlobalMalnutritionEncounter)
      and MalnutritionRiskScreening.result in "Malnutrition Screening At Risk Result"

CMS986 Measure Observation Definitions

Encounter with Malnutrition Screening Not At Risk Result

"Global Malnutrition Encounter" GlobalMalnutritionEncounter
with ["Assessment, Performed": "Malnutrition Risk Screening"]
MalnutritionRiskScreening
such that Coalesce(start of
Global."NormalizeInterval"(MalnutritionRiskScreening.relevantDatetime, MalnutritionRiskScreening.relevantPeriod),
MalnutritionRiskScreening.authorDatetime)during
Global."HospitalizationWithObservation" (
GlobalMalnutritionEncounter)
and MalnutritionRiskScreening.result in "Malnutrition Screening Not At Risk Result"

CMS986 Measure Observation Definitions

Encounter with Hospital Dietitian Referral

```
"Global Malnutrition Encounter" GlobalMalnutritionEncounter
  with ["Intervention, Order": "Hospital Dietitian Referral"]
HospitalDietitianReferral
    such that HospitalDietitianReferral.authorDatetime during
Global."HospitalizationWithObservation" (
GlobalMalnutritionEncounter )
```

CMS986 Numerator: Measure Observation 2

"Measure Observation 2"(Encounter "Encounter, Performed"):
if ("Encounter with Nutrition Assessment and Identified Status" contains Encounter
and ("Encounter with Nutrition Assessment Status Not or Mildly Malnourished" contains Encounter
or "Encounter with Nutrition Assessment Status Moderately Malnourished" contains Encounter
or "Encounter with Nutrition Assessment Status Severely Malnourished" contains Encounter
)
) then 1
else 0

CMS986 Measure Observation Definitions

Encounter with Nutrition Assessment and Identified Status

```
"Global Malnutrition Encounter" GlobalMalnutritionEncounter
  with ["Assessment, Performed": "Nutrition Assessment"]
NutritionAssessment
    such that Coalesce(start of
Global."NormalizeInterval"(NutritionAssessment.relevantDatetime,
NutritionAssessment.relevantPeriod),
NutritionAssessment.authorDatetime)during
Global."HospitalizationWithObservation" (
GlobalMalnutritionEncounter )
      and ( NutritionAssessment.result in "Nutrition Assessment Status
Not or Mildly Malnourished"
        or NutritionAssessment.result in "Nutrition Assessment Status
Moderately Malnourished"
        or NutritionAssessment.result in "Nutrition Assessment Status
Severely Malnourished"
      )
```

CMS986 Measure Observation Definitions

Encounter with Nutrition Assessment Status Not or Mildly Malnourished

"Global Malnutrition Encounter" GlobalMalnutritionEncounter
with ["Assessment, Performed": "Nutrition Assessment"]
NutritionAssessment
such that Coalesce(start of
Global."NormalizeInterval"(NutritionAssessment.relevantDatetime,
NutritionAssessment.relevantPeriod),
NutritionAssessment.authorDatetime)during
Global."HospitalizationWithObservation" (
GlobalMalnutritionEncounter)
and NutritionAssessment.result in "Nutrition Assessment Status
Not or Mildly Malnourished"

CMS986 Measure Observation Definitions

Encounter with Nutrition Assessment Status Moderately Malnourished

"Global Malnutrition Encounter" GlobalMalnutritionEncounter
with ["Assessment, Performed": "Nutrition Assessment"]
NutritionAssessment
such that Coalesce(start of
Global."NormalizeInterval"(NutritionAssessment.relevantDatetime,
NutritionAssessment.relevantPeriod),
NutritionAssessment.authorDatetime)during
Global."HospitalizationWithObservation" (
GlobalMalnutritionEncounter)
and NutritionAssessment.result in "Nutrition Assessment Status
Moderately Malnourished"

CMS986 Measure Observation Definitions

Encounter with Nutrition Assessment Status Severely Malnourished

"Global Malnutrition Encounter" GlobalMalnutritionEncounter
with ["Assessment, Performed": "Nutrition Assessment"]
NutritionAssessment
such that Coalesce(start of
Global."NormalizeInterval"(NutritionAssessment.relevantDatetime,
NutritionAssessment.relevantPeriod),
NutritionAssessment.authorDatetime)during
Global."HospitalizationWithObservation" (
GlobalMalnutritionEncounter)
and NutritionAssessment.result in "Nutrition Assessment Status
Severely Malnourished"

CMS986 Numerator: Measure Observation 3

"Measure Observation 3"(Encounter "Encounter, Performed"):

```
if ( "Encounter with Malnutrition Diagnosis" contains Encounter
      and "Encounter with Nutrition Assessment and Identified Status"
contains Encounter
      and ( "Encounter with Nutrition Assessment Status Moderately
Malnourished" contains Encounter
          or "Encounter with Nutrition Assessment Status Severely
Malnourished" contains Encounter
      )
  ) then 1
    else 0
```

CMS986 Measure Observation Definitions

Encounter with Malnutrition Diagnosis

"Global Malnutrition Encounter" GlobalMalnutritionEncounter
with ["Diagnosis": "Malnutrition Diagnosis"] MalnutritionDiagnosis
such that MalnutritionDiagnosis.prevalencePeriod starts during
Global."HospitalizationWithObservation" (
GlobalMalnutritionEncounter)

CMS986 Numerator: Measure Observation 4

"Measure Observation 4"(Encounter "Encounter, Performed"):

```
 if ( "Encounter with Nutrition Care Plan" contains Encounter
      and "Encounter with Nutrition Assessment and Identified Status"
contains Encounter
      and ( "Encounter with Nutrition Assessment Status Moderately
Malnourished" contains Encounter
          or "Encounter with Nutrition Assessment Status Severely
Malnourished" contains Encounter
      )
  ) then 1
    else 0
```

CMS986 Measure Observation Definitions

Encounter with Nutrition Care Plan

"Global Malnutrition Encounter" GlobalMalnutritionEncounter
  with ["Intervention, Performed": "Nutrition Care Plan"]
NutritionCarePlan
    such that Coalesce(start of
Global."NormalizeInterval"(NutritionCarePlan.relevantDatetime,
NutritionCarePlan.relevantPeriod),
NutritionCarePlan.authorDatetime)during
Global."HospitalizationWithObservation" (
GlobalMalnutritionEncounter)

CMS986 Numerator: Measure Observation 5

Measure Observation TotalMalnutritionComponentsScore"(Encounter "Encounter, Performed"):

Sum({ "Measure Observation 1"(Encounter), "Measure Observation 2"(Encounter), "Measure Observation 3"(Encounter), "Measure Observation 4"(Encounter)})

CMS986 Measure Observation 6

"Measure Observation TotalMalnutritionCompositeScore as Percentage"(Encounter "Encounter, Performed"):
100 * ("Measure Observation TotalMalnutritionComponentsScore"(Encounter)/ "TotalMalnutritionCompositeScore Eligible Denominators"(Encounter))

CMS986 Eligible Denominator

TotalMalnutritionCompositeScore Eligible Denominators(Encounter "Encounter, Performed"):

```
define function "TotalMalnutritionCompositeScore Eligible
Denominators"(Encounter "Encounter, Performed"):
  if ( ( "Encounter with Malnutrition Risk Screening and Identified Result"
contains Encounter
        and "Encounter with Malnutrition Screening Not At Risk Result" contains
Encounter
    )
      and not ( "Encounter with Hospital Dietitian Referral" contains Encounter )
  ) then 1
    else if ( "Encounter with Nutrition Assessment and Identified Status" contains
Encounter
      and "Encounter with Nutrition Assessment Status Not or Mildly
Malnourished" contains Encounter
  ) then 2
    else 4
```

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CMS986 Frequently Asked Question #1

Question:

If a patient receives a Malnutrition Risk Screening with a Not at Risk Result, but additional measure observations are completed, the resulting performance score is over 100%. Is this correct?

Answer:

Because the patient received a “Not At-Risk” Result from the Malnutrition Risk Screening, the composite measure calculation should stop at measure observation 1 with an eligible denominator of 1. The calculation should be: MO1 = 1, MO2 = 0, MO3 = 0, MO4 = 0, MO5 = 1 (1+0+0+0), MO6 = 100% (1/1).

CMS986 Frequently Asked Question #2

Question:

What would be the expected performance score if there is more than one documented Malnutrition Risk Screening?

Answer:

The current logic prioritizes the presence of a Not at Risk Result at any point during the encounter, regardless of the presence of an At Risk Result.

However, any additional MOs completed will be counted toward the numerator, while the denominator is 1. This will result in erroneously high scores.

CMS986 Frequently Asked Question #3

Question:

The current logic is written to exclude records that are admitted during one quarter and discharged during another. Is this the intent?

Answer:

The intent of the logic is to include only encounters that begin and end during the same measurement period.

CMS986 Frequently Asked Question #4

Question:

The current logic for At Risk Result and Not At Risk Result appear identical. Is this the intent?

Answer:

Though very similar, there are important differences in the logic definitions.

CMS986 Frequently Asked Question

Encounter with Malnutrition Screening At Risk Result

"Global Malnutrition Encounter"
GlobalMalnutritionEncounter
with ["Assessment, Performed": "Malnutrition Risk Screening"] MalnutritionRiskScreening
such that Coalesce(start of Global."NormalizeInterval"(MalnutritionRiskScreening.relevantDatetime, MalnutritionRiskScreening.relevantPeriod), MalnutritionRiskScreening.authorDatetime)during Global."HospitalizationWithObservation" (GlobalMalnutritionEncounter)
and MalnutritionRiskScreening.result in "Malnutrition Screening At Risk Result"

Encounter with Malnutrition Screening Not At Risk Result

"Global Malnutrition Encounter"
GlobalMalnutritionEncounter
with ["Assessment, Performed": "Malnutrition Risk Screening"] MalnutritionRiskScreening
such that Coalesce(start of Global."NormalizeInterval"(MalnutritionRiskScreening.relevantDatetime, MalnutritionRiskScreening.relevantPeriod), MalnutritionRiskScreening.authorDatetime)during Global."HospitalizationWithObservation" (GlobalMalnutritionEncounter)
and MalnutritionRiskScreening.result in "Malnutrition Screening Not At Risk Result"

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Additional Resources

eCQI Resource Center – EH Measures:
https://ecqi.healthit.gov/eligible-hospital/critical-access-hospital-ecqms

Teach Me Clinical Quality Language (CQL) Video Series
https://ecqi.healthit.gov/cql?qt-tabs_cql=2

- Coalesce
- Normalize Interval
- Time Zone Considerations
- Latest, LatestOf, Earliest, EarliestOf, HasStart, HasEnd

Pioneers In Quality
https://www.jointcommission.org/measurement/pioneers-in-quality/

Expert to Expert
https://www.jointcommission.org/measurement/quality-measurement-webinars-and-videos/expert-to-expert-webinars/

ONC Issue Tracking System
https://oncprojectracking.healthit.gov/

Live Q&A Segment

- Please submit questions via the question pane
- Click the Question mark icon in the audience toolbar
- A panel will open for you to type and submit your question
- Include slide reference number when possible
- All questions not answered verbally during the live event will be addressed in a written follow-up Q&A document
- The follow-up document will be posted to the Joint Commission website several weeks after the live event

Webinar recording

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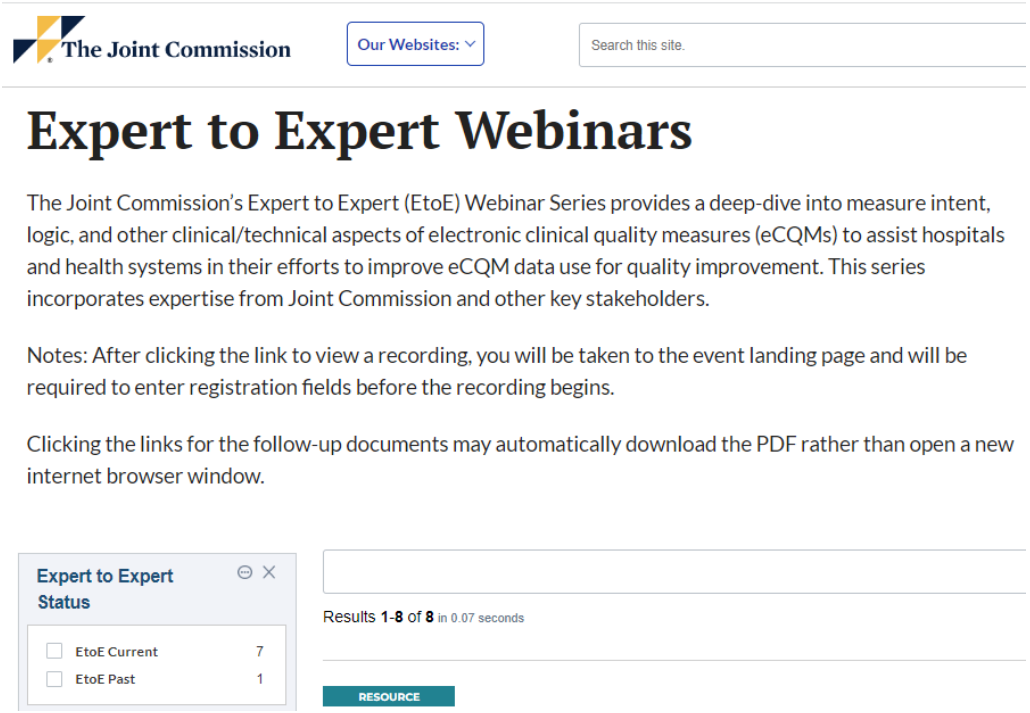
https://www.jointcommission.org/measurement/quality-measurement-webinars-and-videos/expert-to-expert-webinars/



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Acronyms

CBE	Consensus Based Entity
CMS	Centers for Medicare & Medicaid Services
CY	Calendar Year
eCQM	Electronic Clinical Quality Measure
ED	Emergency Department
EHR	Electronic Health Record
FY	Fiscal Year
GMCS	Global Malnutrition Composite Score
HIQR	Hospital Inpatient Quality Reporting
MD	Medical Doctor
MO	Measure Observation
NQF	National Quality Forum
RD/RDN	Registered Dietitian/Registered Dietitian Nutritionist