

New Measure Introduction for 2026 Reporting Year Hospital Harm – Falls With Injury (HH-FI) (CMS1017v2) eCQM

Expert to Expert Webinar Series

**Broadcast Webinar
April 16, 2026
Continuing Education (CE)
Credit Available for Live
Webinar Attendance only**

Webinar Platform – Functionality

Audio is by VOIP only – Use your computer speakers/headphones to listen. There are no dial in lines. Participants are connected in listen-only mode. Feedback or dropped audio are common for live streaming events. Refresh your screen/rejoin.

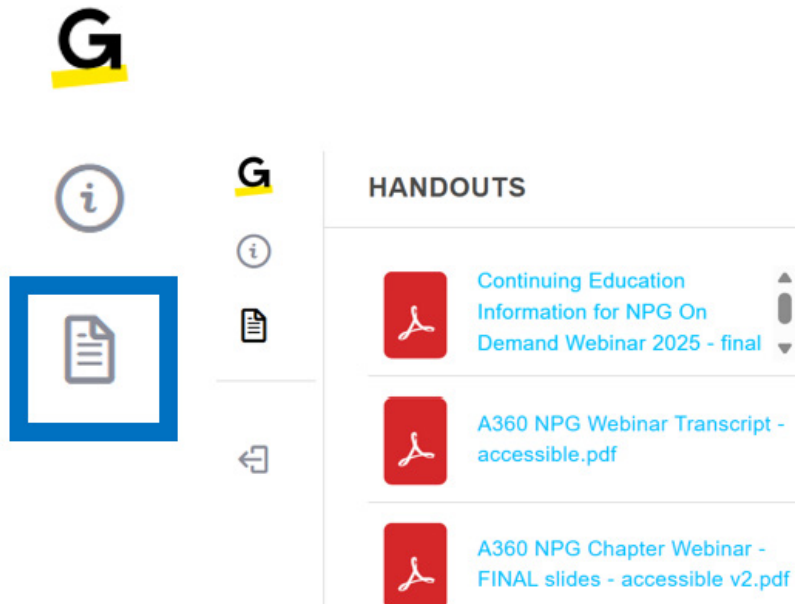
We will not be recognizing the Raise a Hand or Chat features.

To ask a question, click on the Question Mark icon in the audience toolbar. A panel will open for you to type your question and submit.

The slides are designed to follow Americans with Disabilities Act rules.



Access the Slides



Click document icon in the navigation pane

Select file name

Document will open in a new window

Print or download

Two weeks after this webinar, the slides will be accessible via the eCQI Resource Center and also on Joint Commission's website:

www.jointcommission.org/en-us/knowledge-library/support-center/measurement/quality-measurement-webinars-videos

Continuing Education Information

Relevant information about Continuing Education (CE) credit can be found in attachment provided:

- Entities providing credit
- Requirements to earn credit
- Survey/attestation and certificate



Credit is available for this webinar for live broadcast attendance only.

Joint Commission maintains a participant's privacy and confidentiality per organizational policy. Please visit [Joint Commission's website](#) for more information on continuing education policies.

Participant Learning Objectives



Locate eCQM resources on the eCQI Resource Center.

Facilitate your organization's implementation of the Hospital Harm – Falls With Injury eCQM for the 2026 Reporting Year.

Utilize answers to common issues/questions regarding the Hospital Harm – Falls With Injury eCQM to inform 2026 use/implementation.

Topics Not Covered in this Program



Basic eCQM concepts

Topics related to chart abstracted measures

Process improvement efforts related to this measure

eCQM validation

- ensure your data is validated before submitting
- ensure that extreme outlier results are verified

Disclosure Statement

All staff and subject matter experts 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 this webinar content.



Webinar Agenda



Review the new Hospital Harm – Falls With Injury eCQM for Reporting Year 2026

Overview of the measure flow/algorithm

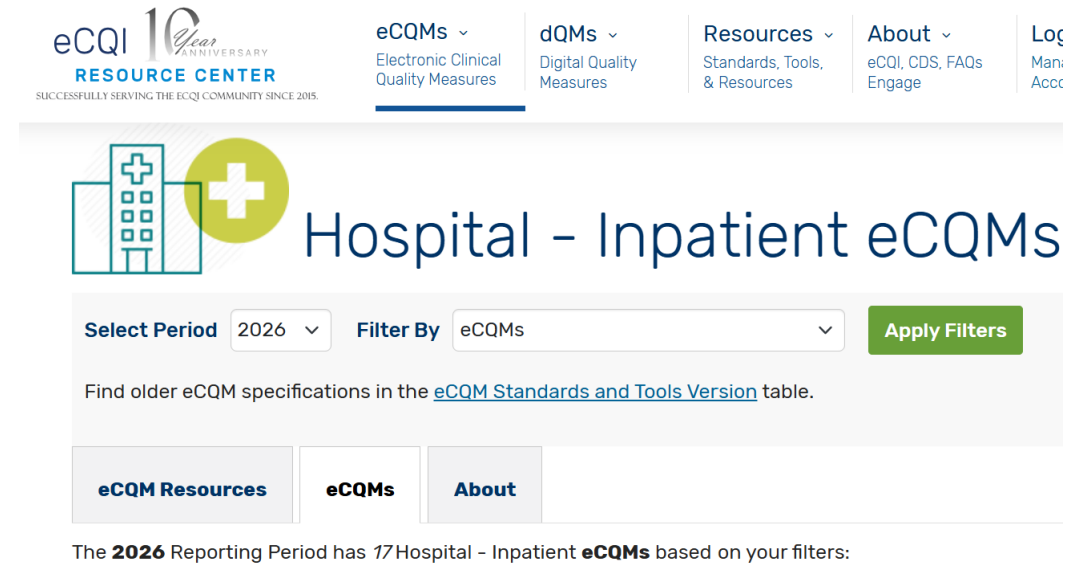
Live Q&A Segment

eCQM Specifications and Resources

A PDF handout includes directions to access the eCQM specifications, value sets, measure flow diagrams and technical release notes on the eCQI Resource Center.

Please see the [landing page for 2026 resources](#).

Please see the [landing page for 2026 specifications](#).



The screenshot shows the eCQI Resource Center website. The header includes the eCQI 10th Anniversary logo and navigation links for eCQMs, dQMs, Resources, About, and Log. The main content area is titled 'Hospital - Inpatient eCQMs' and features a search filter with 'Select Period' set to 2026 and 'Filter By' set to eCQMs. Below the filter, there is a link to 'Find older eCQM specifications in the eCQM Standards and Tools Version table.' and a tabbed interface with 'eCQM Resources', 'eCQMs', and 'About' tabs. The 'eCQMs' tab is active, showing the text: 'The 2026 Reporting Period has 17 Hospital - Inpatient eCQMs based on your filters:'.

Hospital Harm – Falls With Injury (HH-FI) (CMS1017v2)

HH-FI Background

Measure Description: This ratio measure assesses the number of inpatient hospitalizations where at least one fall with a major or moderate injury occurs among the total qualifying inpatient hospital days for patients age 18 years and older

Rationale and Intent:

- Inpatient falls are among the most common incidents reported in hospitals and can increase length of stay and patient costs.
- Falls (including unplanned or unintended descents to the floor) can result in patient injury ranging from minor abrasion or bruising to death as a result of injuries sustained from a fall.
- The purpose of measuring the rate of falls with major and moderate injury events is to improve hospitals' practices for monitoring patients at high risk for falls with injury and, in so doing, to reduce the frequency of patient falls with injury.

Present on Admission Indicators

- Present on admission (POA) is defined as the conditions present at the time the order for inpatient admission occurs
 - The POA indicator is intended to differentiate conditions present at the time of admission from those conditions that develop during the inpatient admission
 - Per CMS and the Agency for Healthcare Research and Quality (AHRQ) convention, POA indicators of Y and W are accepted indicators of a diagnosis present on admission. POA indicators of N and U are accepted indicators of a diagnosis that is not present on admission
 - eCQMs rely on the accurate recording of codes, including POA indicators, and diagnoses in patients' electronic health records (EHRs), which is essential for the correct calculation of this eCQM
-

Measure Specifications

Measure Components	2026 Reporting Year
Description	This ratio measure assesses the number of inpatient hospitalizations where at least one fall with a major or moderate injury occurs among the total qualifying inpatient hospital days for patients age 18 years and older
Initial Population	Inpatient hospitalizations for patients age 18 and older with a length of stay less than or equal to 120 days that ends during the measurement period
Denominator	Equals Initial Population
Denominator Exclusions	Inpatient hospitalizations where the patient has a fall diagnosis present on admission
Numerator	Inpatient hospitalizations where the patient has a fall that results in a major or moderate injury during the encounter. The diagnosis of a major or moderate injury must not be present on admission.
Numerator Exclusions	Inpatient hospitalizations where the patient has a fall diagnosis present on admission

Measure Specifications: Risk Adjustment (1)

Measure Components	2026 Reporting Year
Risk Adjustment	Variables being collected for the development of baseline risk adjustment model include encounters with: Medications active on admission such as: • anticoagulants • antidepressants • antihypertensives • central nervous system depressant medications • diuretics • opioids • Medications administered during the hospitalization, such as anticoagulants.

Measure Specifications: Risk Adjustment (2)

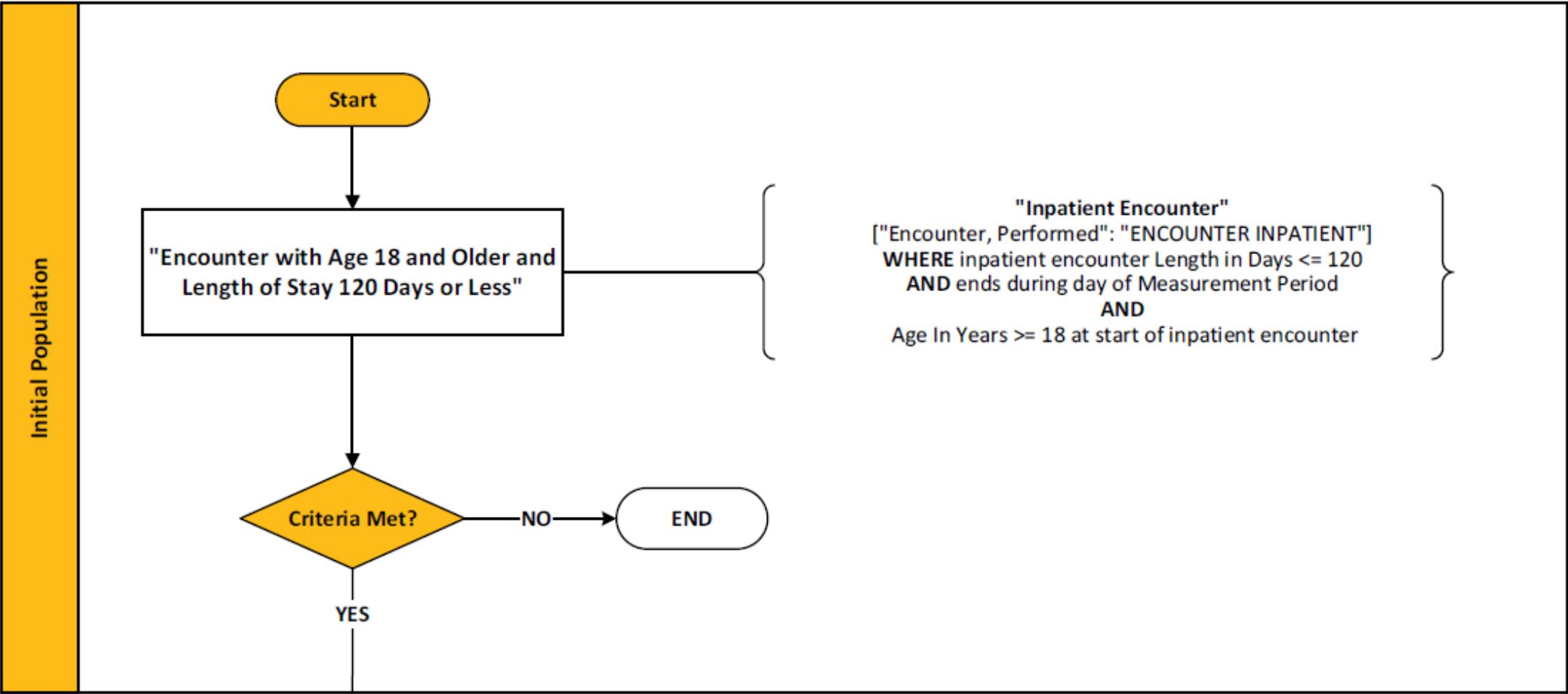
Measure Components	2026 Reporting Year
Risk Adjustment	• Diagnoses present on admission which may increase the risk for a fall with injury, such as: • abnormal weight loss or malnutrition • coagulation disorders • delirium, dementia, or other psychosis • depression • epilepsy • leukemia or lymphoma • liver disease (moderate to severe) • malignant bone disease • neurologic movement and related disorders • obesity • osteoporosis • peripheral neuropathy • stroke • suicide attempt • Physical traits, such as body mass index (BMI) during the hospital encounter. • All encounter diagnoses along with their rank and present on admission (POA) indicators are being collected for the development of baseline risk adjustment model. • Please see the Hospital Harm – Falls with Injury Risk Adjustment Methodology Report on the eCQM-specific page on the eCQI Resource Center website: https://ecqi.healthit.gov/

HH-FI Resources

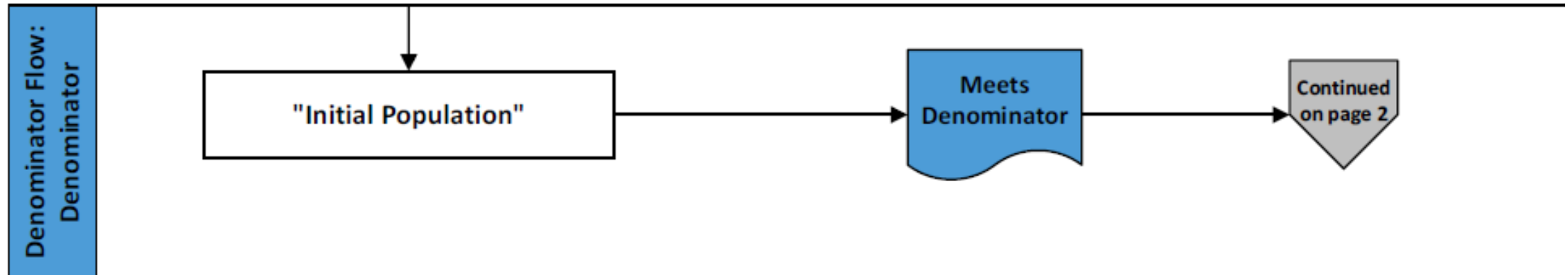
- CMS1017v2 Measure Specification for 2026 reporting
 - <https://ecqi.healthit.gov/sites/default/files/ecqm/measures/CMS1017-v2.1.000-QDM.html>
- Technical Release Notes
 - <https://ecqi.healthit.gov/sites/default/files/ecqm/measures/CMS1017-v2.1.000-TRN.xlsx>
- Risk Adjustment Summary Report
 - https://ecqi.healthit.gov/sites/default/files/RA_FWI_CMS1017_v1.pdf

Hospital Harm – Falls With Injury (HH-FI) (CMS1017v2) Measure Flow

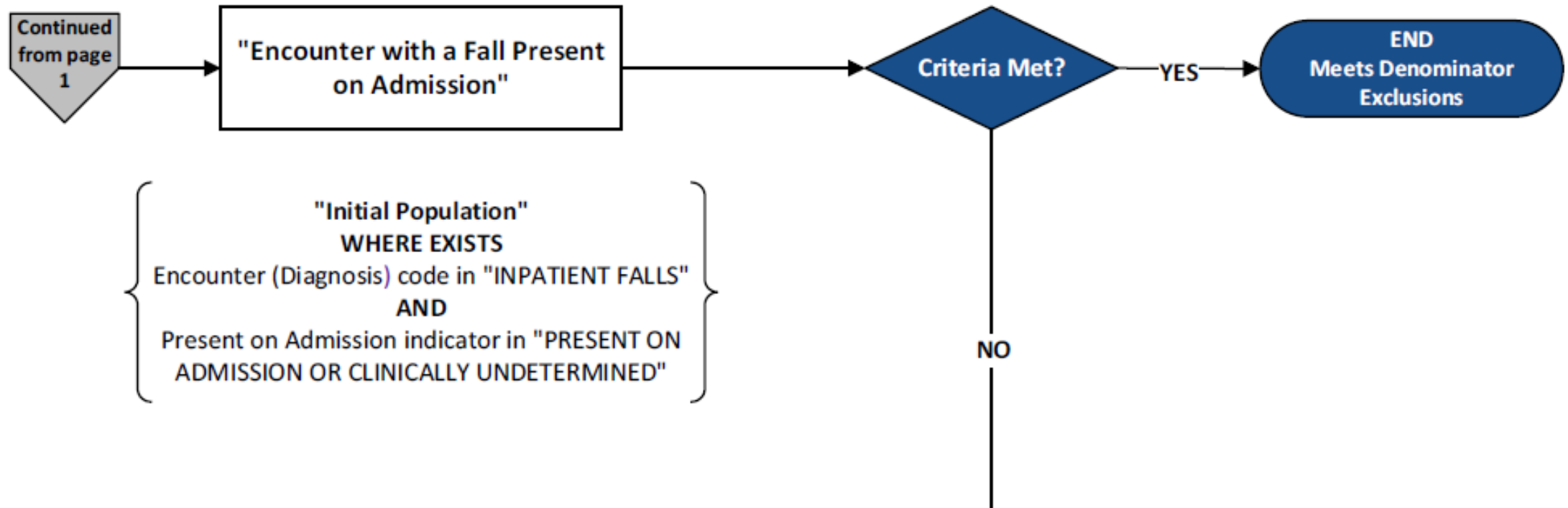
Initial Population (1/3)



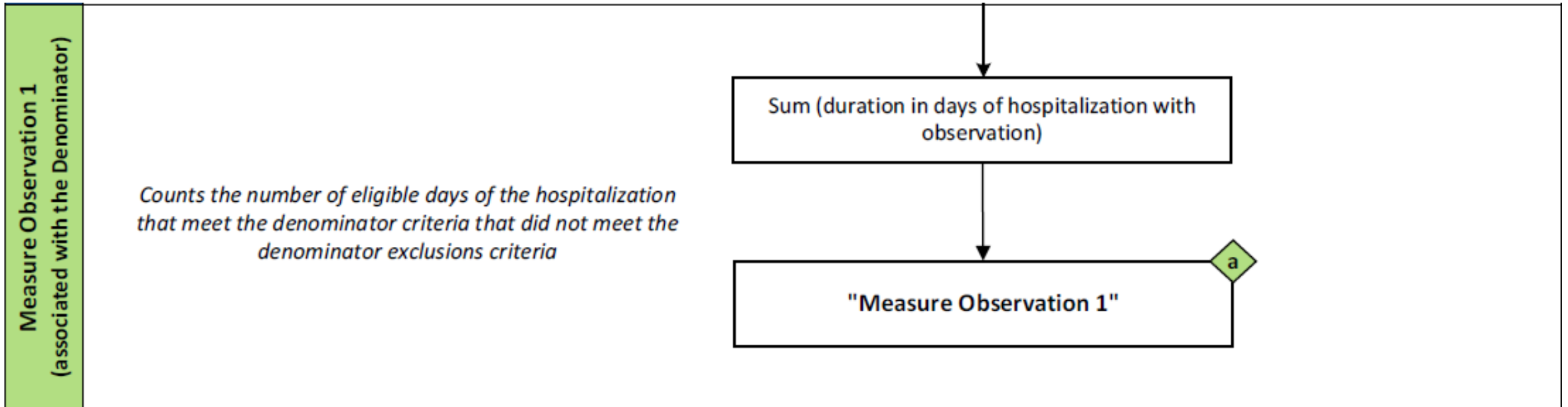
Denominator (1/2)



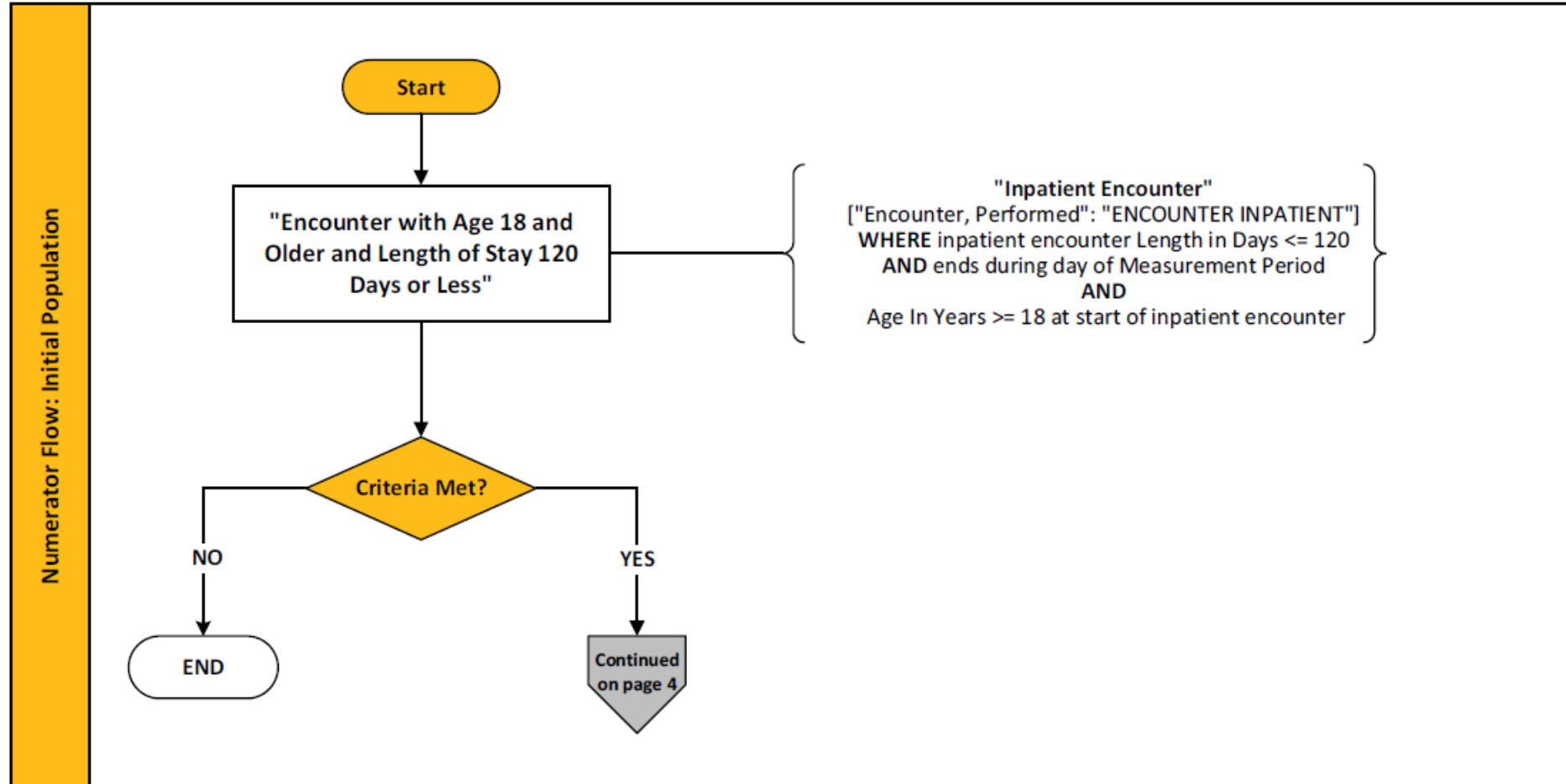
Denominator Exclusions (1/2)



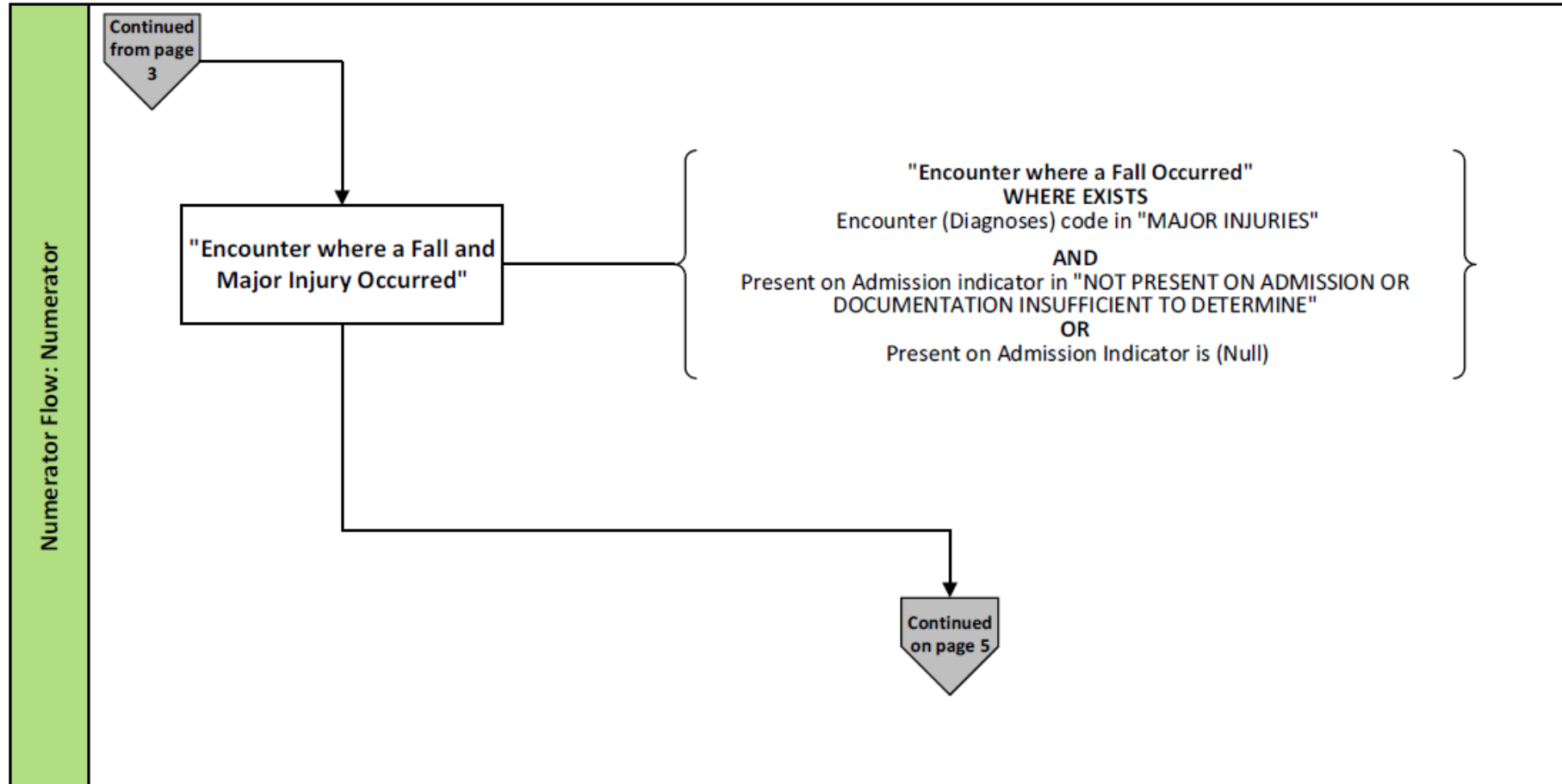
Measure Observation 1



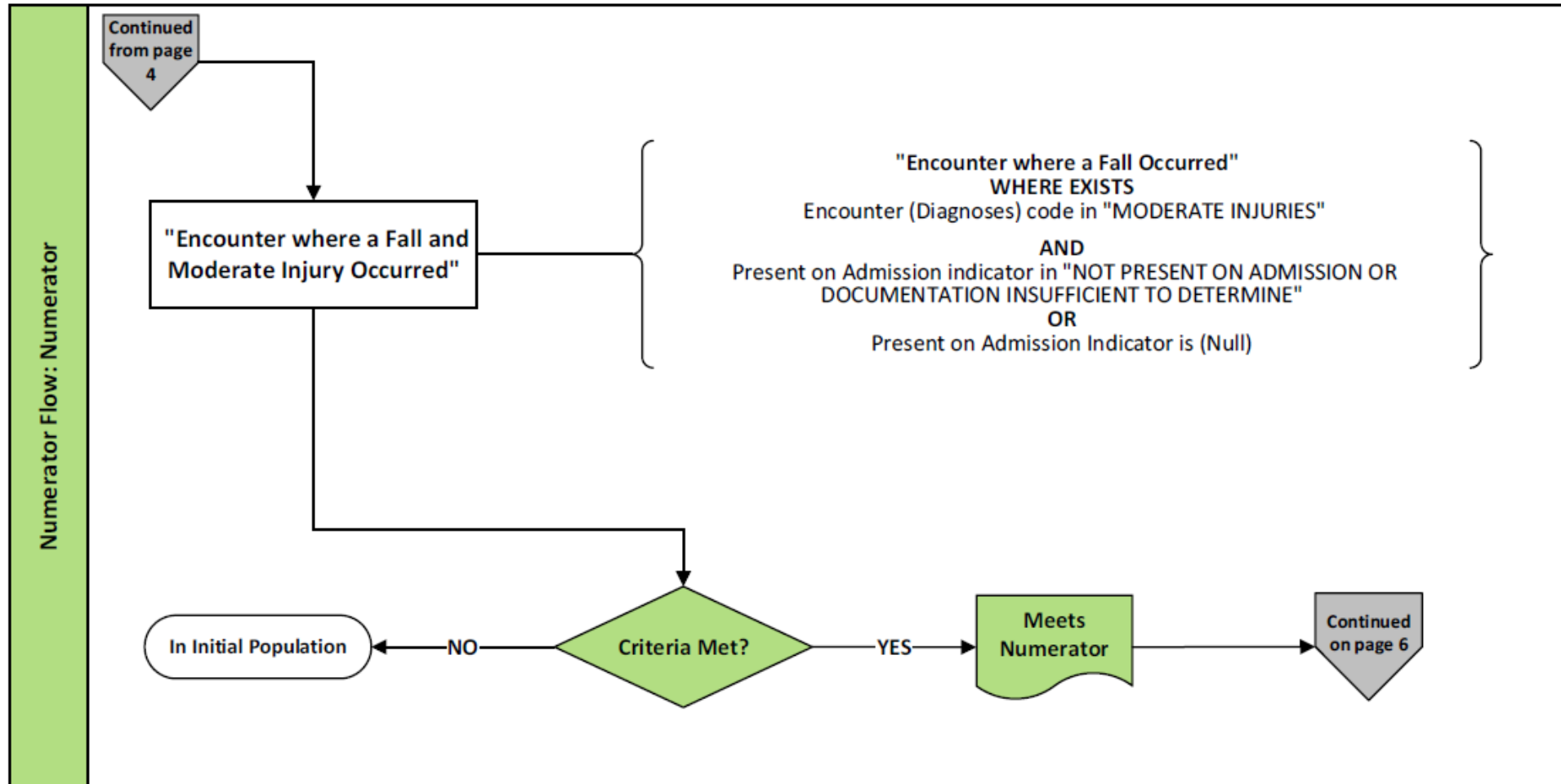
Initial Population (2/3)



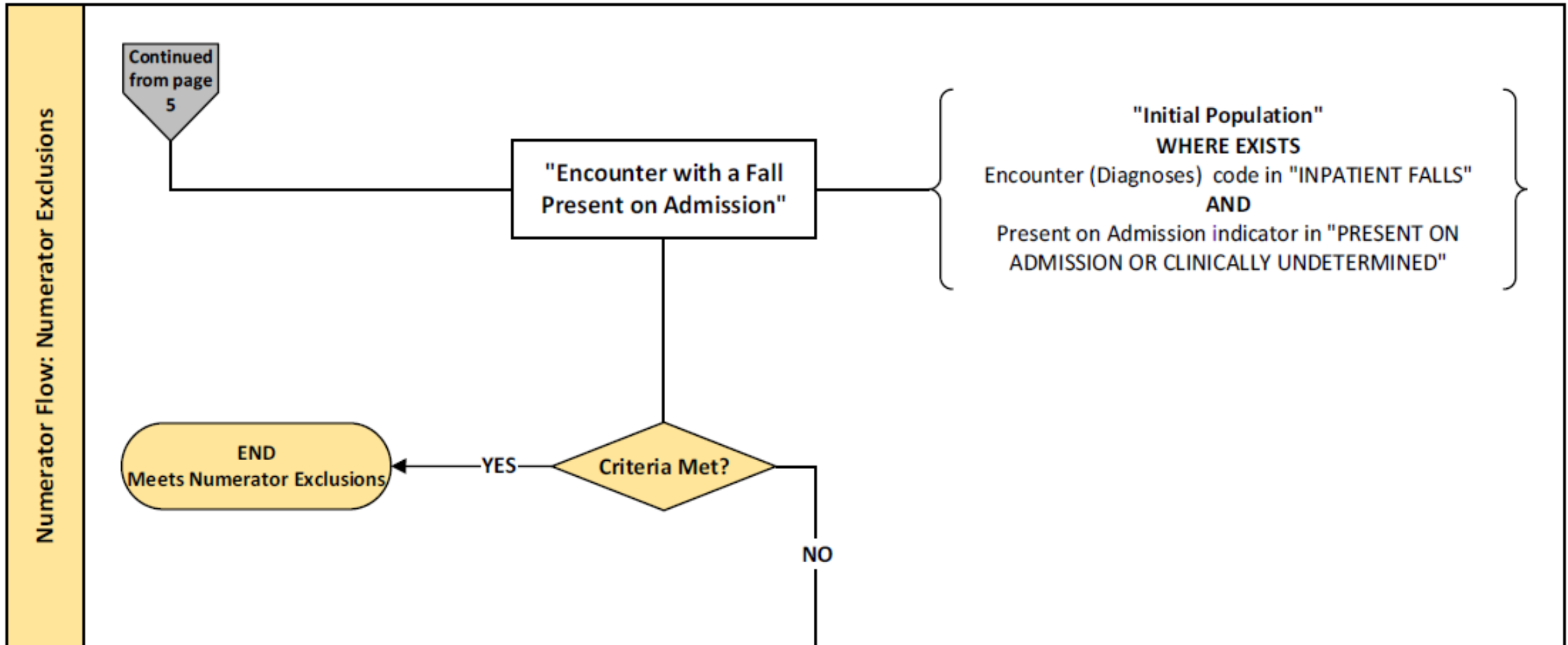
Numerator (1/3)



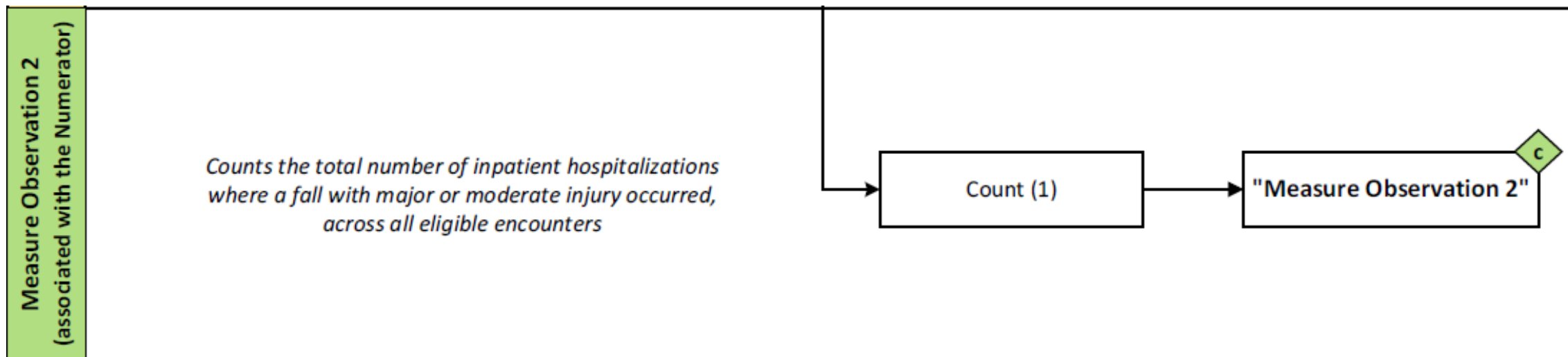
Numerator (2/3)



Numerator Exclusions (1/2)



Measure Observation 2



Sample Calculation

Sample Calculation		
Ratio =	Measure Observations 2 (c = 100) Measure Observations 1 (a = 550)	= 0.182

Hospital Harm – Falls With Injury (HH-FI) (CMS1017v2) Logic

Initial population (3/3)

Initial Population

"Encounter with Age 18 and Older and Length of Stay 120 Days or Less"

Encounter with Age 18 and Older and Length of Stay 120 Days or Less

Global."Inpatient Encounter" InpatientEncounter

where Global."LengthInDays" (InpatientEncounter.relevantPeriod) $\leq$ 120

and AgeInYearsAt(date from start of InpatientEncounter.relevantPeriod) $\geq$ 18

Denominator (2/2)

Denominator

"Initial Population"

Denominator Exclusions (2/2)

Denominator Exclusions

"Encounter with a Fall Present on Admission"

Encounter with a Fall Present on Admission

"Initial Population" Qualifying Encounter

where exists (Qualifying Encounter diagnoses Fall Diagnosis

where Fall Diagnosis.code in "Inpatient Falls"

and Fall Diagnosis.presentOnAdmissionIndicator in "Present on Admission or Clinically Undetermined"

)

Measure Observation 1 (Association: Denominator)

Measure Observation 1 (Association: Denominator)

Sum (

duration in days of Global."HospitalizationWithObservation" (QualifyingEncounter)
)

Numerator (3/3)

Numerator

"Encounter where a Fall and Major Injury Occurred"
union "Encounter where a Fall and Moderate Injury Occurred"

Encounter where a Fall and Major Injury Occurred

"Encounter where a Fall Occurred" FallOccurred
where exists FallOccurred.diagnoses MajorInjury
where MajorInjury.code in "Major Injuries"
and (MajorInjury.presentOnAdmissionIndicator in "Not Present On Admission or Documentation Insufficient to Determine"
or MajorInjury.presentOnAdmissionIndicator is null)

Encounter where a Fall and Moderate Injury Occurred

"Encounter where a Fall Occurred" FallOccurred
where exists FallOccurred.diagnoses ModerateInjury
where ModerateInjury.code in "Moderate Injuries"
and (ModerateInjury.presentOnAdmissionIndicator in "Not Present On Admission or Documentation Insufficient to Determine"
or ModerateInjury.presentOnAdmissionIndicator is null)

Numerator Exclusions (2/2)

Numerator Exclusions

"Encounter with a Fall Present on Admission"

Encounter with a Fall Present on Admission

"Initial Population" QualifyingEncounter

where exists (QualifyingEncounter.diagnoses FallDiagnosis

where FallDiagnosis.code in "Inpatient Falls"

and FallDiagnosis.presentOnAdmissionIndicator in "Present on Admission or Clinically Undetermined"

)

Measure Observation 2 (Association: Numerator)

Measure Observation 2 (Association: Numerator)

Count (

1

)

Risk Adjustment Variables

- All Encounter Diagnoses with Rank and POA Indication
- Body Mass Index (BMI)
- Encounter with Abnormal Weight Loss or Malnutrition
- Anticoagulant
- Anticoagulant Administration During Encounter
- Antidepressant
- Antihypertensive
- CNS Depressant
- Coagulation Disorder
- Delirium or Dementia or Other Psychosis
- Depression
- Diuretic
- Epilepsy
- Leukemia or Lymphoma
- Liver Disease Moderate to Severe
- Malignant Bone Disease
- Neurologic Disorder
- Obesity
- Opioid Medication
- Osteoporosis
- Peripheral Neuropathy
- Stroke
- Suicide Attempt

Resources

eCQI Resource Center – CMS EH Measures -

<https://ecqi.healthit.gov/eh-cah/ecqms>

Get Started with eCQMs -

https://ecqi.healthit.gov/ecqms?qt-tabs_ecqm=education

Teach Me Clinical Quality Language (CQL) Video Series -

<https://ecqi.healthit.gov/cql/education>

Hospitalization with Observation -

https://www.youtube.com/watch?v=3yqwOU2XcZM&ab_channel=CMSHHSgov

What is a Value Set? -

<https://register.gotowebinar.com/recording/4766956164118938369>



Additional Resources

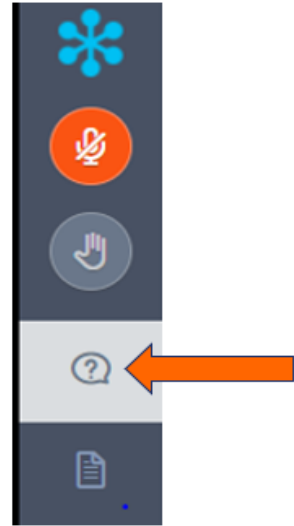
Value Set Authority Center (VSAC) Support -

<https://www.nlm.nih.gov/vsac/support/index.html>

Expert to Expert Webinar Series - <https://www.jointcommission.org/en-us/knowledge-library/support-center/measurement/quality-measurement-webinars-videos>

ASTP/ONC Issue Tracking System - <https://oncprojecttracking.healthit.gov/>

Live Q&A Segment



- Please submit questions via the question pane
- Click the Question mark icon in the toolbar
- 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 in several weeks after CMS approval

Expert to Expert Webinar Series Slides and Operations Questions

To access webinar recording links, slides, and transcripts, visit

<https://www.jointcommission.org/en-us/knowledge-library/support-center/measurement/quality-measurement-webinars-videos>) and scroll down.

Questions about webinar operations or obtaining Continuing Education credit:

tjcwebinarnotifications@jointcommission.org



Webinars & Videos

The Joint Commission offers a variety of educational measurement-related webinars (live and on-demand), and other recorded video content. Topics include specific performance measures, reporting requirements, and topics that are clinically-, technically-, or statistically-focused. Webinars and videos address electronic clinical quality measures (eCQMs) and chart-abstracted measures used for accreditation and certification purposes. For additional information on each webinar or video series, see below.



Webinar Series



Pioneers in Quality General Sessions

Pioneers in Quality General Sessions provide information such as measurement requirements, changes in reporting, opportunities for engagement and/or recognition, and insights regarding data analysis of national clinical quality measurement data received. This generalized content is meant as education for hospitals and health systems to assist them in meeting current and future requirements.



eCQM Expert to Expert Series

Expert to Expert Webinar Series provides a deep-dive into measure intent, logic, and other clinical/technical aspects of electronic clinical quality measures (eCQMs) to assist hospitals and health systems in their efforts to improve eCQM data use for quality improvement. This series incorporates expertise from Joint Commission and other key stakeholders.



Video Shorts

Joint Commission produces a series of on-demand educational video shorts about electronic Clinical Quality Measures (eCQMs). Episodes are approximately 2-3 minutes in length and offer an engaging and contemporary approach to teach these complex and comprehensive topics. The eCQM video shorts lead the viewer to understand application of eCQM resources, eCQM constructs and Logic expression language concepts (CQL, FHIR).



Measure-Specific Webinars



Continuous Customer

Continuing Education Survey and Certificate

Also see the separate handout detailing the CE requirements.



Access survey via QR code

Use your mobile device to scan the QR code on the next slide. You can pause the presentation.



Access survey via link in email

An automated email sent after this broadcast also directs you to the evaluation survey.



Survey open for 2 weeks

CEs are available for live broadcast participation only. Promptly complete the survey.



Obtain Certificate

After completing survey, print or download PDF CE Certificate. Certificate link also provided via email.

Thank you for attending!

**Scan QR code to
access CE
Attestation and
Evaluation
Survey**



tjcwebinarnotifications@jointcommission.org



www.jointcommission.org/en-us/knowledge-library/support-center/measurement/quality-measurement-webinars-videos

Acronyms

Acronym	Definition
CBE	Consensus-Based Entity
CY	Calendar Year
eCQM	Electronic Clinical Quality Measure
ED	Emergency Department
EHR	Electronic Health Record
FY	Fiscal Year
HIQR	Hospital Inpatient Quality Reporting
IP	Initial Population
ICD-10	International Classification of Diseases, Tenth Revision
POA	Present on Admission
SNOMED CT	Systematized Nomenclature of Medicine - Clinical Terms
VSAC	Value Set Authority Center