



Start
Numerator

Inpatient hospitalization* for
patient aged 18 and older at start
of hospitalization with discharge
during the measurement period

No

Yes

A diagnosis of
diabetes that starts
before the end of
the encounter

No

Administration of at least
one dose of hypoglycemic
medication that starts
during the encounter

No

Presence of at least one
glucose value ≥ 200
mg/dL at any time
during the encounter

No

Inpatient hospitalization is
not in Initial Population

Yes

Yes

Yes

Inpatient hospitalization is in Initial Population

Hyperglycemic event day within the first 10 days of the hospitalization
excluding the first 24 hours and the last period before discharge if that period
is less than 24 hours

Yes

Glucose result >600 mg/dL 1 hour prior to through 6 hours after the
start of the encounter

Yes

No

Comfort care measures ordered or provided during the encounter

Yes

No

Discharge disposition to hospice care at home or in a health care facility

Yes

No

Inpatient hospitalization is in Numerator

Exclude
inpatient hospitalization
from Numerator

Calculate
Measure
Observation 2

Determine number of hyperglycemic event days in
the Numerator-eligible hospitalization

Hyperglycemic event days:

- Are days with at least one glucose value >300 mg/dL or a day where a glucose test and result was not found, and it was immediately preceded by two contiguous, consecutive days where at least one glucose value on each of the two days was ≥ 200 mg/dL.
- Are 24-hour periods that start at the beginning of the inpatient hospitalization period
- Exclude the first 24 hours and the last period before discharge if that period is less than 24 hours
- Range from day 2 up to day 10

Measure Observation 2: The total number of hyperglycemic
event days during the inpatient hospitalization

*Inpatient hospitalizations include time in the emergency department (ED) and/or in observation status when the transition between discharge from these encounters and admission to the inpatient encounter is one hour or less.