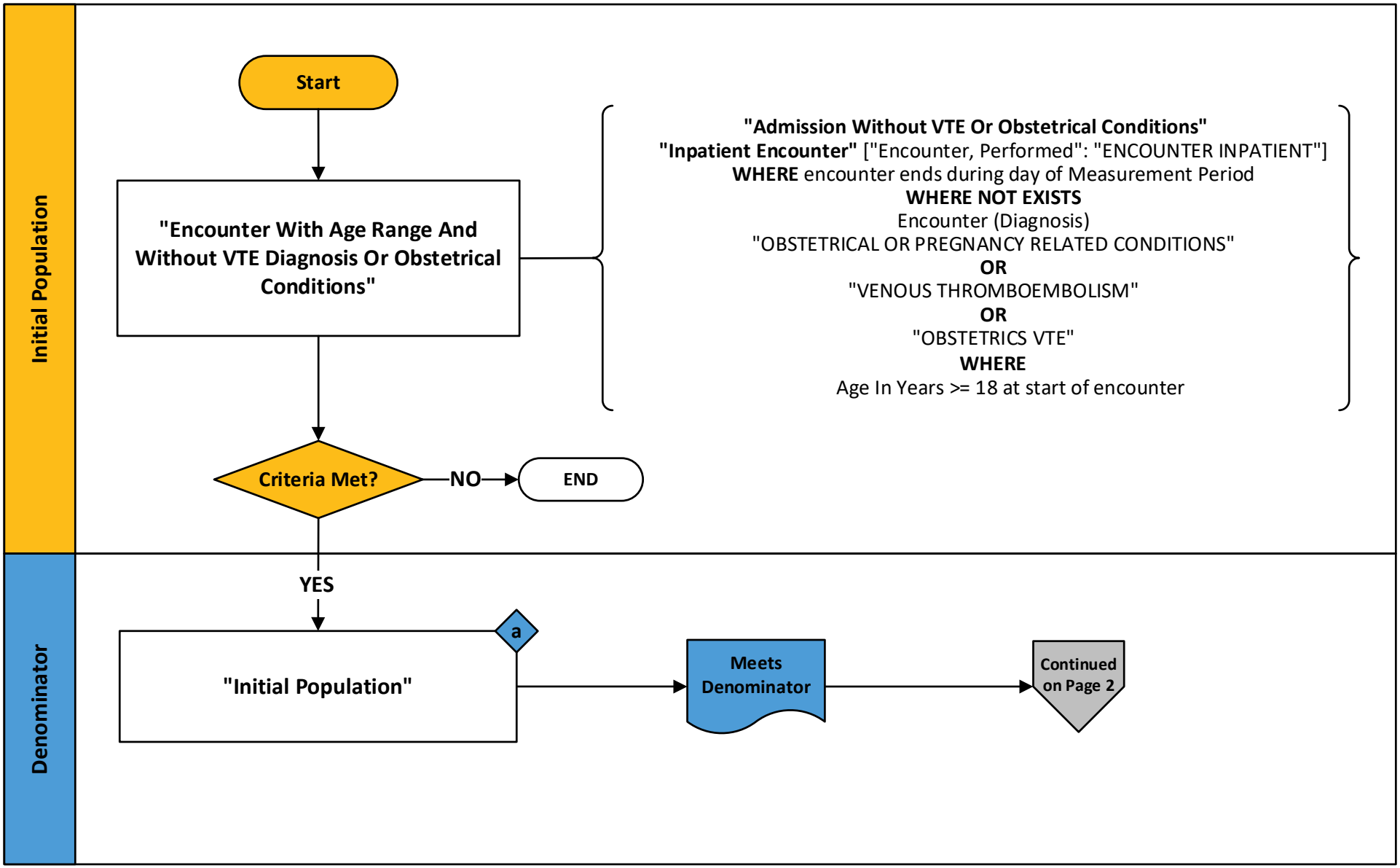
2027 eCQM Flow – **CMS108v15: Venous Thromboembolism Prophylaxis (VTE-1)***

**This flow diagram represents an overview of population criteria requirements. Please refer to the eCQM measure specification for a complete list of definitions, direct reference codes, data or timing elements included in this measure and required for submission.*

Measure Flow Diagram



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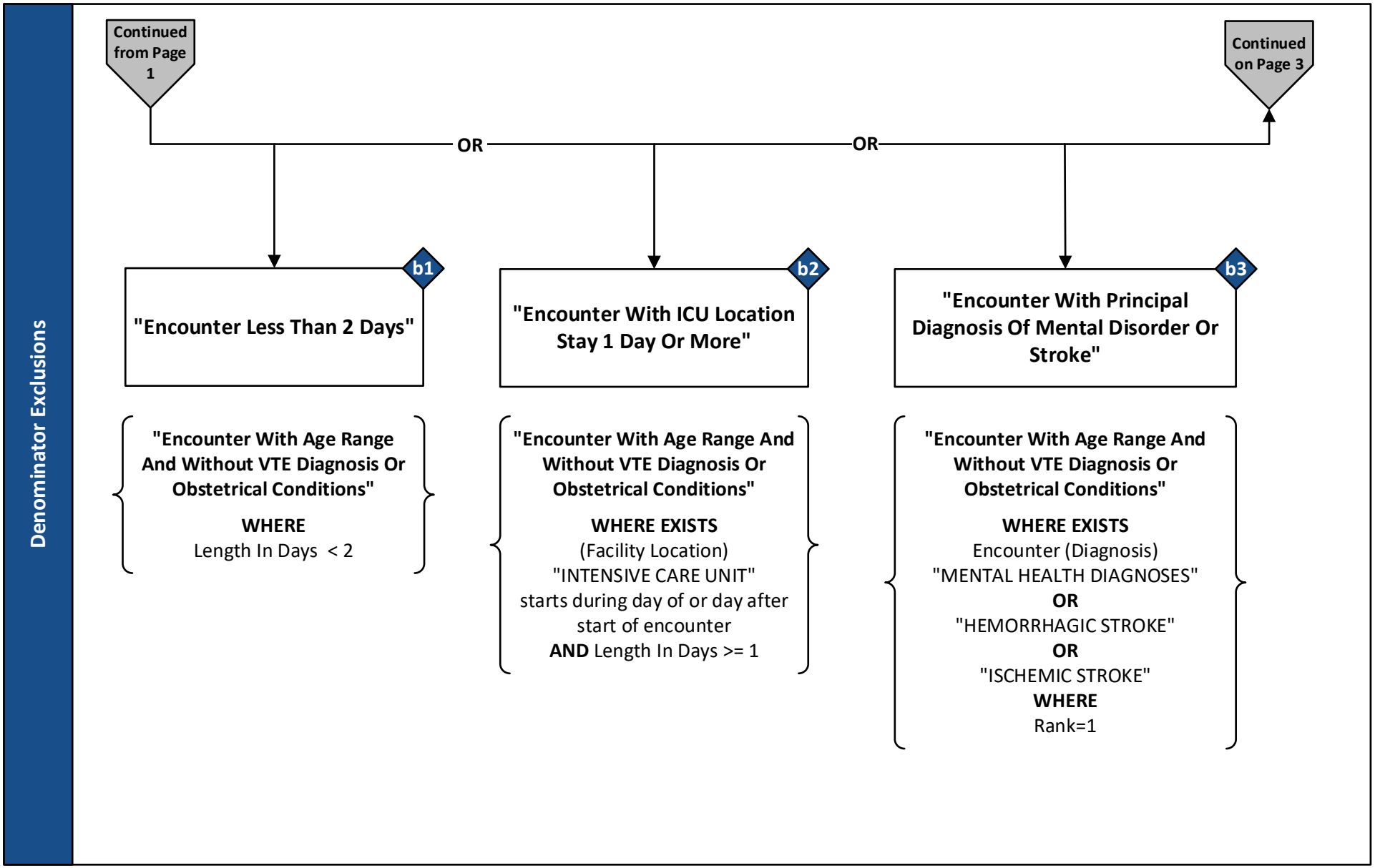
Measure Flow Diagram (Continued)



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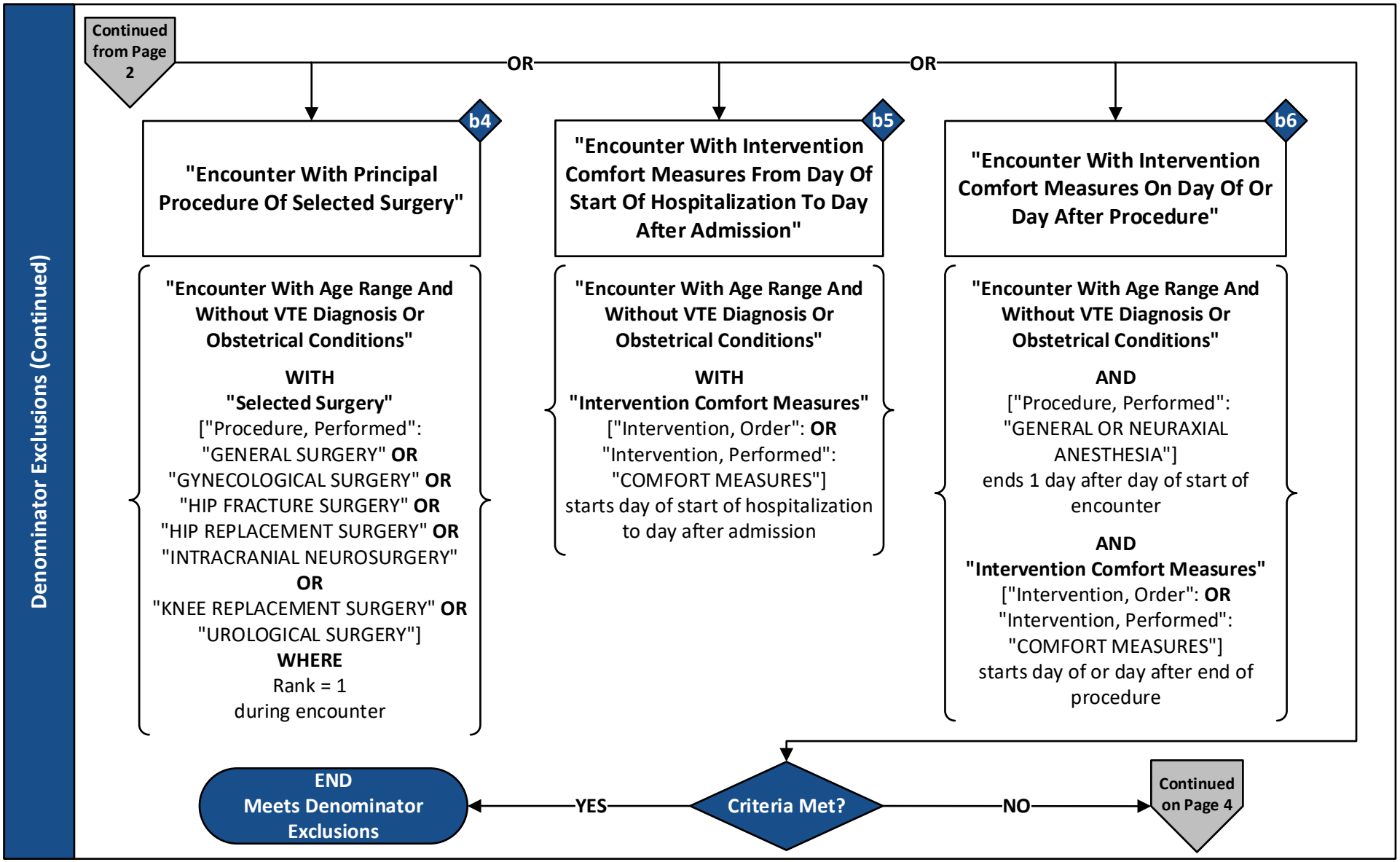
Measure Flow Diagram (Continued)



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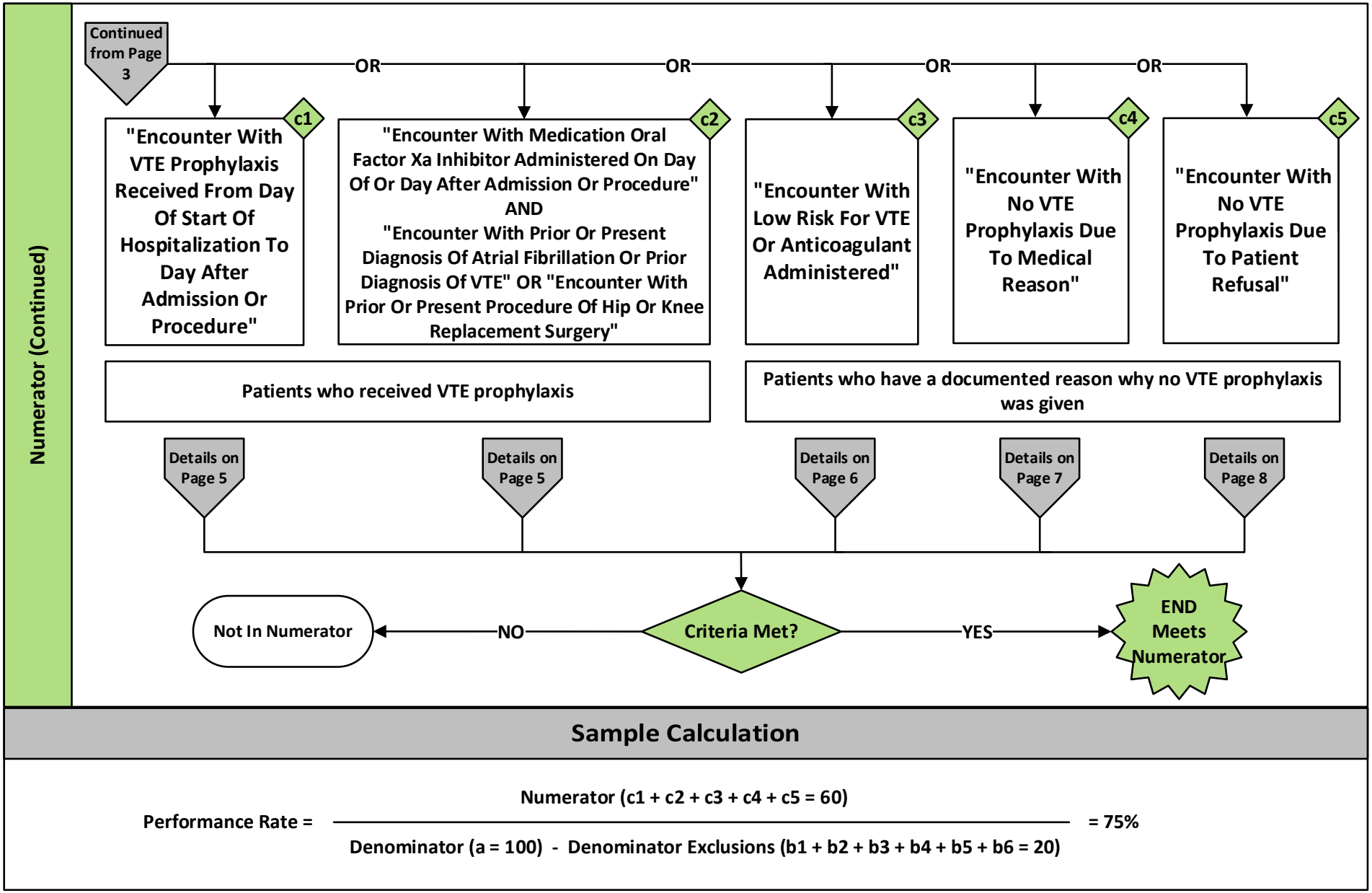

Sample Calculation

$$\text{Performance Rate} = \frac{\text{Numerator (c1 + c2 + c3 + c4 + c5 = 60)}}{\text{Denominator (a = 100) - Denominator Exclusions (b1 + b2 + b3 + b4 + b5 + b6 = 20)}} = 75\%$$

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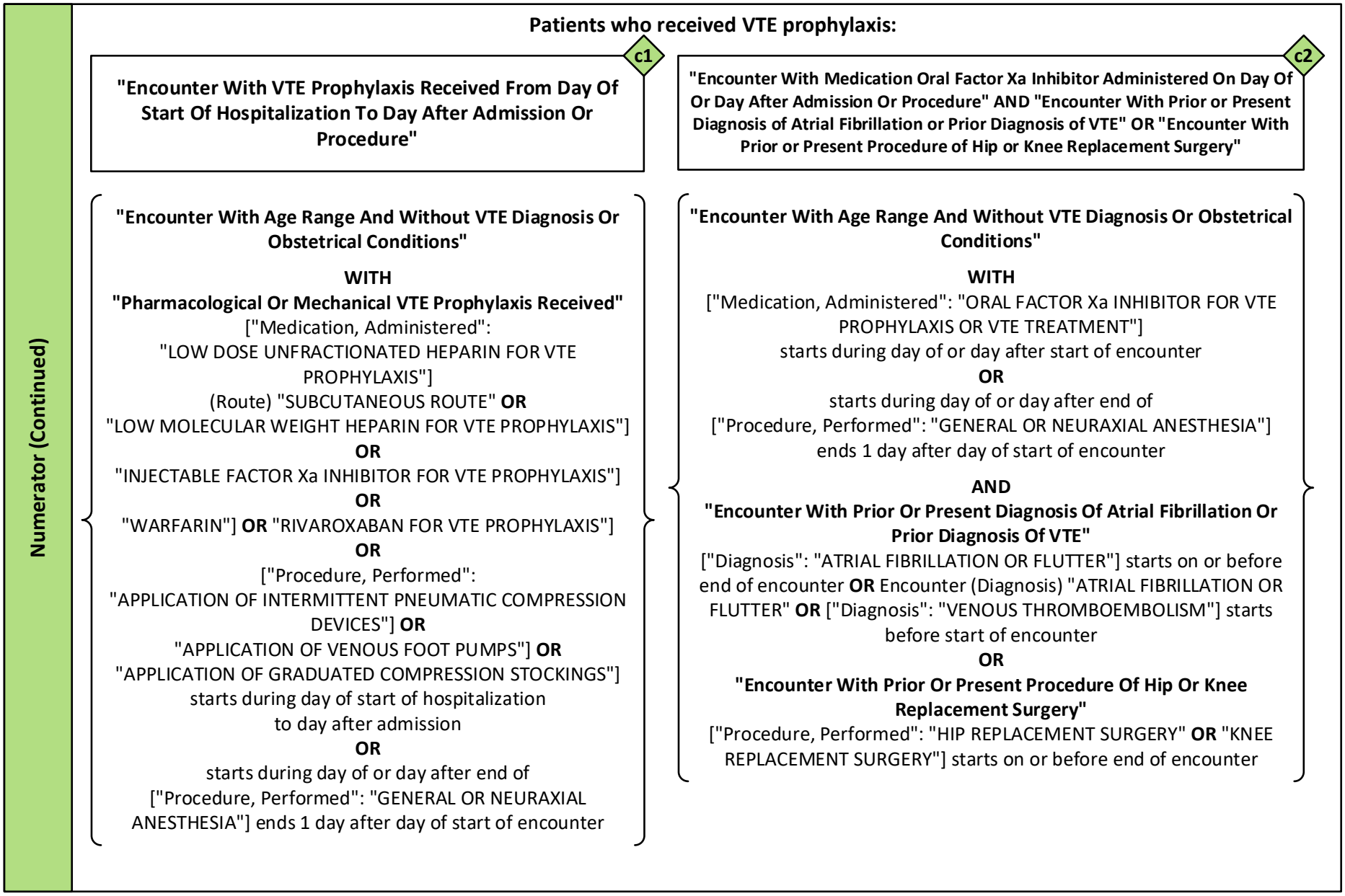
Measure Flow Diagram (Additional Details)



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Measure Flow Diagram (Additional Details)

Numerator (Continued)

Patients who have a documented reason why no VTE prophylaxis was given:

"Encounter With Low Risk For VTE Or Anticoagulant Administered" c3

"Encounter With Age Range And Without VTE Diagnosis Or Obstetrical Conditions"

WITH

"Low Risk Indicator For VTE"

["Assessment, Performed": "RISK FOR VENOUS THROMBOEMBOLISM"] (Result) "LOW RISK"

OR

["Laboratory Test, Performed": "INR"] (Result) > 3.0

OR

["Medication, Administered": "UNFRACTIONATED HEPARIN"] (Route) "INTRAVENOUS ROUTE"

OR

["Medication, Administered": "DIRECT THROMBIN INHIBITOR"]

OR

["Medication, Administered": "GLYCOPROTEIN IIb IIIa INHIBITORS"]

(above definitions contained within)

"Low Risk For VTE Or Anticoagulant Administered From Day Of Start Of Hospitalization To Day After Admission"

Low Risk Indicator during

day of start of hospitalization to day after admission

OR

"Low Risk For VTE Or Anticoagulant Administered On Day Of Or Day After Procedure"

Low Risk Indicator starts during day of or day after end of

["Procedure, Performed": "GENERAL OR NEURAXIAL ANESTHESIA"] ends 1 day after day of start of encounter

2027 eCQM Flow – **CMS108v15: Venous Thromboembolism Prophylaxis (VTE-1)***

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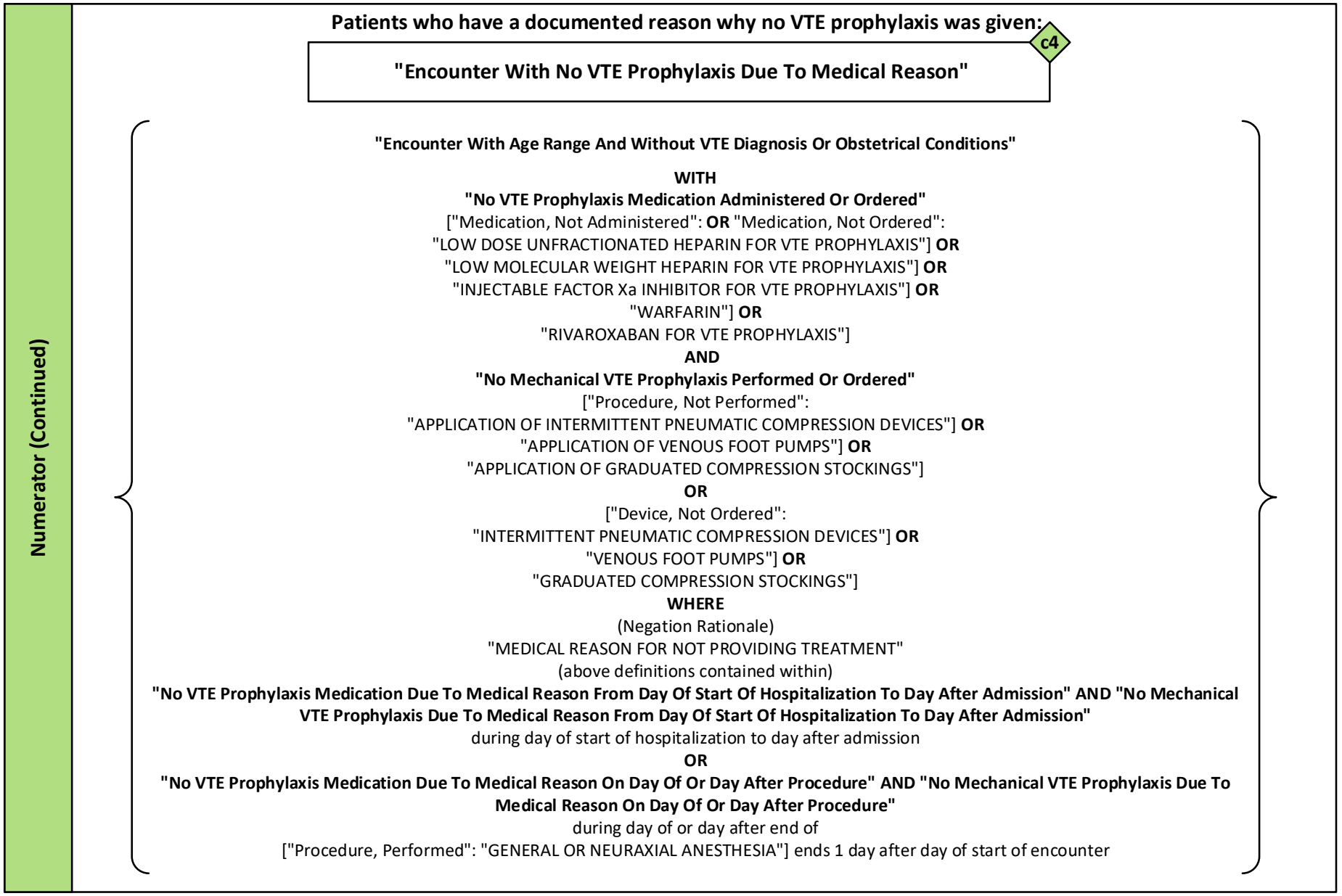
Measure Flow Diagram (Additional Details)



2027 eCQM Flow – **CMS108v15: Venous Thromboembolism Prophylaxis (VTE-1)***

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Measure Flow Diagram (Additional Details)

Numerator (Continued)

Patients who have a documented reason why no VTE prophylaxis was given:

c5

"Encounter With No VTE Prophylaxis Due To Patient Refusal"

"Encounter With Age Range And Without VTE Diagnosis Or Obstetrical Conditions"

WITH
"No Mechanical Or Pharmacological VTE Prophylaxis Due To Patient Refusal"
"No VTE Prophylaxis Medication Administered Or Ordered"
["Medication, Not Administered": **OR** "Medication, Not Ordered":
"LOW DOSE UNFRACTIONATED HEPARIN FOR VTE PROPHYLAXIS"] **OR**
"LOW MOLECULAR WEIGHT HEPARIN FOR VTE PROPHYLAXIS"] **OR**
"INJECTABLE FACTOR Xa INHIBITOR FOR VTE PROPHYLAXIS"] **OR**
"WARFARIN"] **OR**
"RIVAROXABAN FOR VTE PROPHYLAXIS"]
OR
"No Mechanical VTE Prophylaxis Performed Or Ordered"
["Procedure, Not Performed":
"APPLICATION OF INTERMITTENT PNEUMATIC COMPRESSION DEVICES"] **OR**
"APPLICATION OF VENOUS FOOT PUMPS"] **OR**
"APPLICATION OF GRADUATED COMPRESSION STOCKINGS"]
OR
["Device, Not Ordered":
"INTERMITTENT PNEUMATIC COMPRESSION DEVICES"] **OR**
"VENOUS FOOT PUMPS"] **OR**
"GRADUATED COMPRESSION STOCKINGS"]
WHERE
(Negation Rationale)
"PATIENT REFUSAL"
(above definitions contained within)
"No VTE Prophylaxis Due To Patient Refusal From Day Of Start of Hospitalization To Day After Admission"
during day of start of hospitalization to day after admission
OR
"No VTE Prophylaxis Due To Patient Refusal On Day Of Or Day After Procedure"
during day of or day after end of
["Procedure, Performed": "GENERAL OR NEURAXIAL ANESTHESIA"] ends 1 day after day of start of encounter

2027 eCQM Flow – **CMS108v15: Venous Thromboembolism Prophylaxis (VTE-1)***

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Measure Flow Narrative

The measure flow diagram on the preceding pages illustrates the steps to determine the population criteria for this measure.

Measure Description	This measure assesses the number of patients who received venous thromboembolism (VTE) prophylaxis or have documentation for why no VTE prophylaxis was given between the day of arrival to the day after hospital admission or surgery end date for surgeries that end the day after hospital admission
Initial Population	Start by identifying the initial population criteria as inpatient hospitalizations with: • patients age 18 and older discharged from hospital inpatient acute care • without a diagnosis of VTE or obstetrics • that ends during the measurement period
Denominator	The denominator criteria include the initial population
Denominator Exclusions	The denominator exclusions criteria identify a subset of the denominator population by excluding inpatient hospitalizations for patients with any of the following: • length of stay less than 2 days • direct admits to intensive care unit (ICU), or transferred to ICU the day of or the day after hospital admission with ICU length of stay greater than or equal to one day • a principal diagnosis of mental disorders or stroke • a principal procedure of selected surgeries • comfort measures documented anytime between the day of arrival and the day after hospital admission • comfort measures documented by the day after surgery end date for surgeries that end the day after hospital admission

2027 eCQM Flow – **CMS108v15: Venous Thromboembolism Prophylaxis (VTE-1)***

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Measure Flow Narrative (Continued)

The measure flow diagram on the preceding pages illustrates the steps to determine the population criteria for this measure.

Numerator	The numerator criteria identify a subset of the denominator population (that did not meet the denominator exclusions criteria) by including: **Inpatient hospitalizations for patients who received VTE prophylaxis:** • between the day of arrival and the day after hospital admission • the day of or the day after surgery end date (for surgeries that end the day after hospital admission) **OR** **Inpatient hospitalizations for patients with selected conditions or procedures who received Oral Factor Xa Inhibitor** • the day of or the day after hospital admission • the day of or the day after surgery end date (for surgeries that end the day after hospital admission) **OR** **Inpatient hospitalizations for patients who have documentation of a reason why no VTE prophylaxis was given:** • between the day of arrival or the day after hospital admission • the day of or the day after surgery end date (for surgeries that end the day after hospital admission)