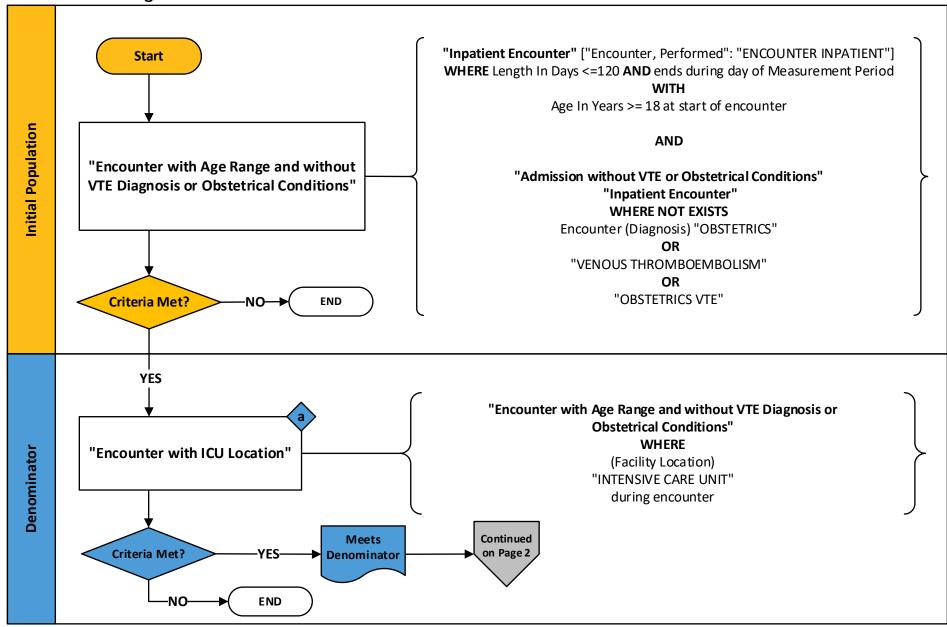
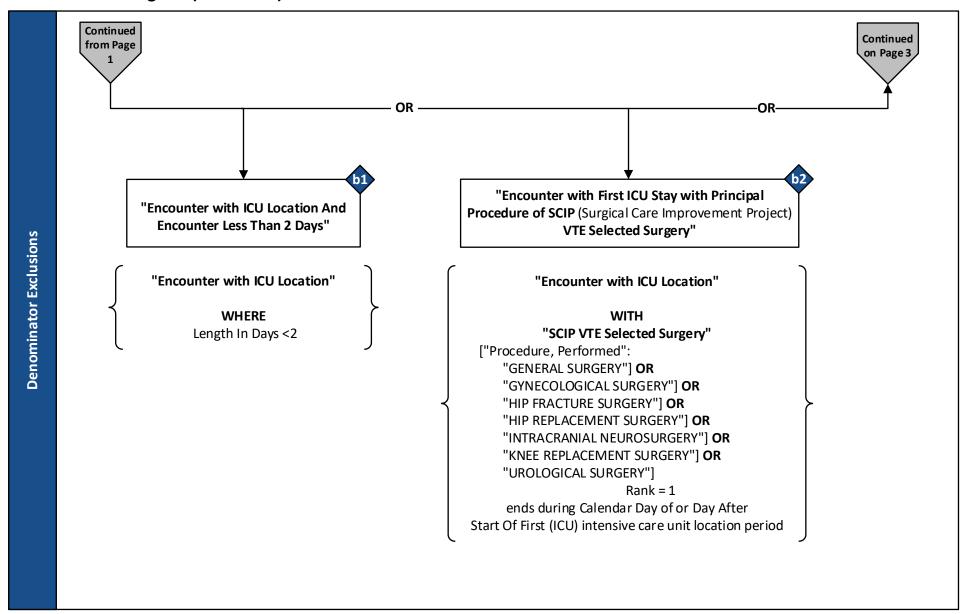
\*This flow diagram represents an overview of population criteria requirements. Please refer to the eCQM measure specification for a complete list of definitions, direct reference codes, data or timing elements included in this measure and required for submission.

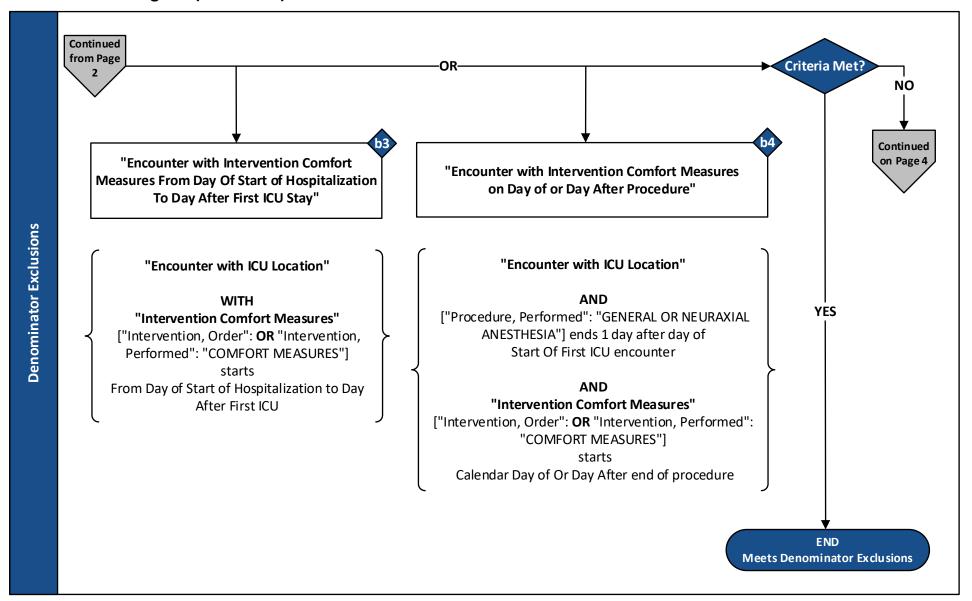
# **Measure Flow Diagram**



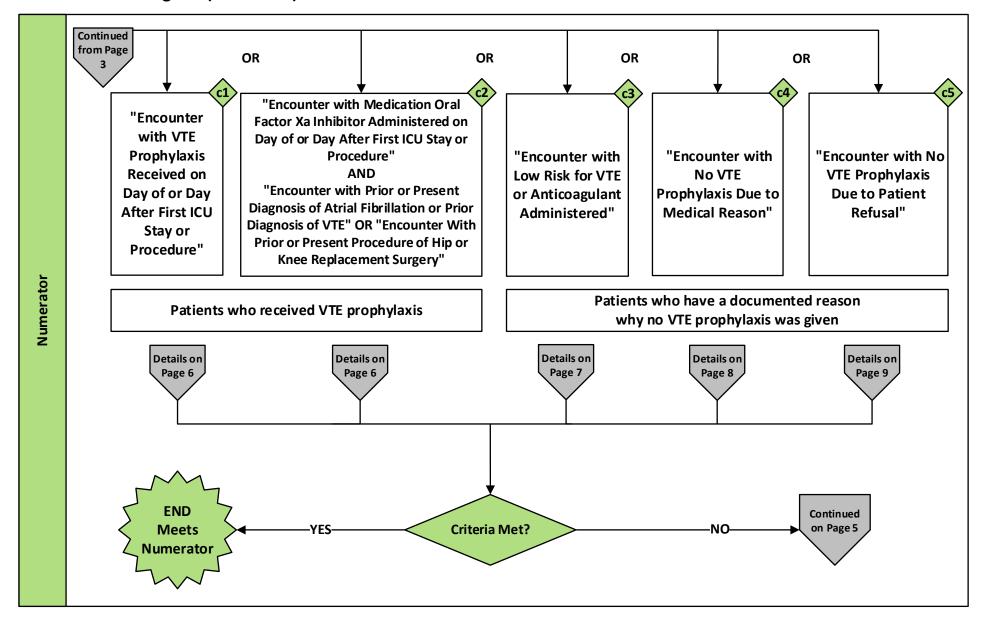
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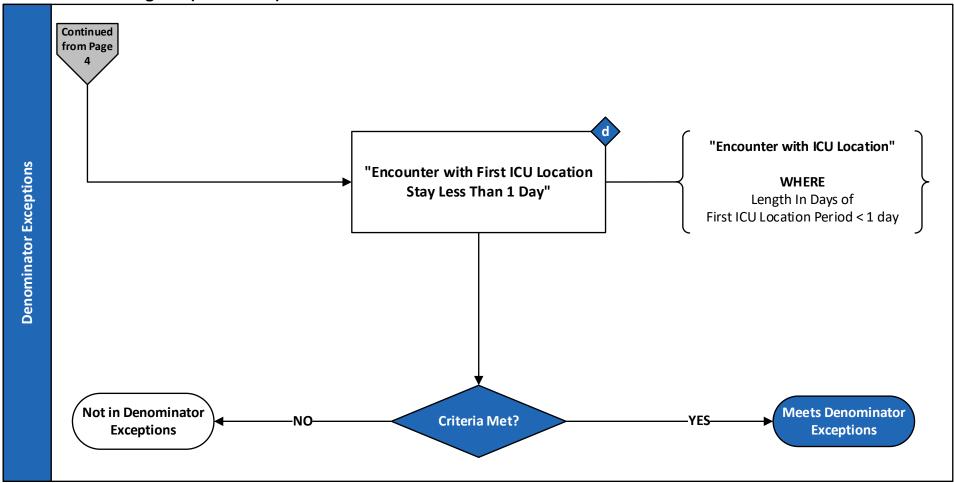
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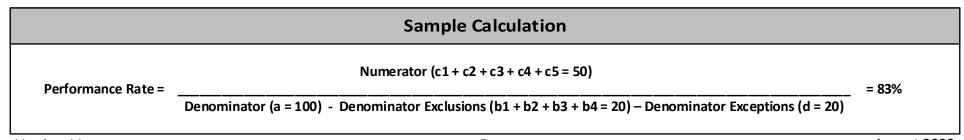


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# **Measure Flow Diagram (Additional Details)**

# Patients who received VTE prophylaxis:

"Encounter with VTE Prophylaxis Received on Day of or Day After First ICU Stay or Procedure"

"Encounter with ICU Location"

### WITH

"Pharmacological or Mechanical VTE Prophylaxis Received" ["Medication, Administered":

"LOW DOSE UNFRACTIONATED HEPARIN FOR VTE PROPHYLAXIS"] (Route) "SUBCUTANEOUS ROUTE" OR

"LOW MOLECULAR WEIGHT HEPARIN FOR VTE PROPHYLAXIS"] OR "INJECTABLE FACTOR XA INHIBITOR FOR VTE PROPHYLAXIS"] OR "WARFARIN"] **OR** "RIVAROXABAN FOR VTE PROPHYLAXIS"]

["Procedure, Performed":

"APPLICATION OF INTERMITTENT PNEUMATIC COMPRESSION DEVICES (IPC)"] OR

"APPLICATION OF VENOUS FOOT PUMPS (VFP)"] OR "APPLICATION OF GRADUATED COMPRESSION STOCKINGS (GCS)"]

> starts Calendar Day Of Or Day After Start Of First (ICU) intensive care unit encounter

end of ["Procedure, Performed": "GENERAL OR NEURAXIAL ANESTHESIA"] ends 1 day after day of Start Of First (ICU) intensive care location period

"Encounter With Medication Oral Factor Xa Inhibitor Administered on Day or Day After First ICU Stay or Procedure"

### "Encounter With ICU Location"

# WITH

["Medication, Administered": "ORAL FACTOR XA INHIBITOR FOR VTE PROPHYLAXIS OR VTE TREATMENT"] starts Calendar Day of or Day After:

Start Of First (ICU) intensive care location period

end of ["Procedure, Performed": "GENERAL OR NEURAXIAL ANESTHESIA"] ends 1 day after day of Start Of First (ICU) intensive care location period

# AND

"Encounter with Prior or Present Diagnosis of Atrial Fibrillation or **Prior Diagnosis of VTE"** 

["Diagnosis": "ATRIAL FIBRILLATION/FLUTTER"] starts on or before end of encounter OR Encounter (Diagnosis) "ATRIAL FIBRILLATION/ FLUTTER" OR ["Diagnosis": "VENOUS THROMBOEMBOLISM"] starts before start of encounter

### OR

"Encounter with Prior or Present Procedure of Hip or Knee Replacement Surgery"

["Procedure, Performed": "HIP REPLACEMENT SURGERY" OR "KNEE REPLACEMENT SURGERY"] starts on or before end of encounter

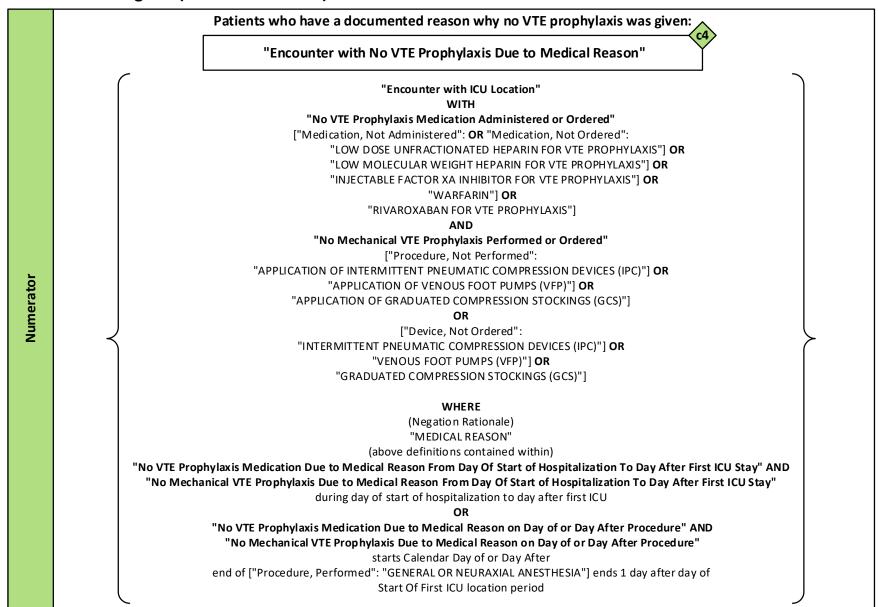
Numerator

# **Measure Flow Diagram (Additional Details)**

Patients who have a documented reason why no VTE prophylaxis was given: "Encounter with Low Risk for VTE or Anticoagulant Administered" "Encounter with ICU Location" WITH "Low Risk Indicator For VTE" ["Assessment, Performed": "RISK FOR VENOUS THROMBOEMBOLISM"] (Result) "LOW RISK" ["Laboratory Test, Performed": "INR"] (Result) > 3.0 Numerator OR ["Medication, Administered": "UNFRACTIONATED HEPARIN"] (Route) "INTRAVENOUS ROUTE" ["Medication, Administered": "DIRECT THROMBIN INHIBITOR"] ["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 First ICU Stay" Low Risk Indicator starts From Day Of Start Of Hospitalization To Day After First ICU OR "Low Risk for VTE or Anticoagulant Administered on Day of or Day After Procedure" Low Risk Indicator starts Calendar Day of or Day After end of ["Procedure, Performed": "GENERAL OR NEURAXIAL ANESTHESIA"] ends 1 day after day of Start Of First (ICU) intensive care unit location period

\*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 (Additional Details)**



\*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 (Additional Details)**



\*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 Narrative**

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

| Measure<br>Description | This measure assesses the number of patients who received Venous Thromboembolism (VTE) prophylaxis or have documentation why no VTE prophylaxis was given the day of or the day after the initial admission (or transfer) to the Intensive Care Unit (ICU) or surgery end date for surgeries that start the day of or the day after ICU admission (or transfer)  |
|------------------------|--|
| Initial<br>Population  | Start by identifying inpatient hospitalizations that include: <ul> <li>patients age 18 years and older discharged from hospital inpatient acute care</li> <li>without a diagnosis of venous thromboembolism (VTE) or obstetrics</li> <li>with a length of stay less than or equal to 120 days that ends during the measurement period</li> </ul>   |
| Denominator            | The denominator further constrains the initial population to those inpatient hospitalizations for patients directly admitted or transferred to ICU during the hospitalization  |
| Denominator Exclusions | The denominator exclusions criteria is used to identify a subset of the denominator population by excluding inpatient hospitalizations for patients with any of the following:  • hospital length of stay less than 2 days  • a principal procedure of Surgical Care Improvement Project (SCIP) VTE selected surgeries that end the day of or the day after ICU admission or transfer  • comfort measures documented anytime between the day of arrival and the day after ICU admission or transfer  • comfort measures documented by the day after surgery end date for surgeries that end the day of or the day after hospital admission |

\*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 Narrative (Continued)**

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

# 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: • on the day of or the day after ICU admission (or transfer) • or the day of or the day after surgery end date (for surgeries that end the day of or the day after ICU admission or transfer) OR Inpatient hospitalizations for patients who have documentation of a reason why no VTE prophylaxis was given: • between the day of arrival and the day after ICU admission (for patients directly admitted as inpatients to the ICU) • or the day of or the day after surgery end date (for surgeries that end the day of or the day after ICU admission or transfer) The denominator exceptions criteria identify a subset of the denominator population (that did not meet the denominator exclusions criteria or numerator criteria) by excluding inpatient hospitalizations for patients with an ICU length of stay less than one day