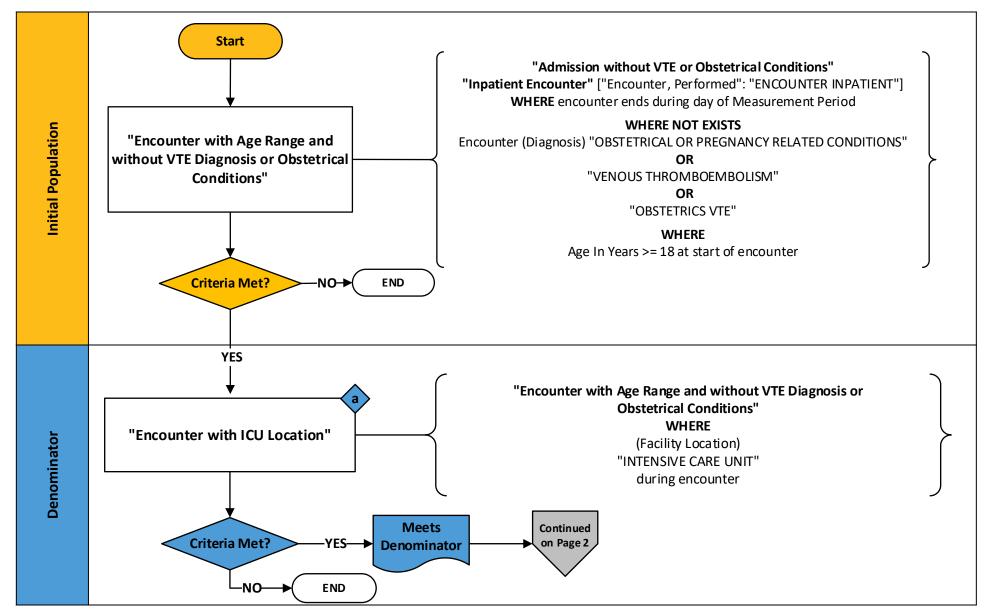
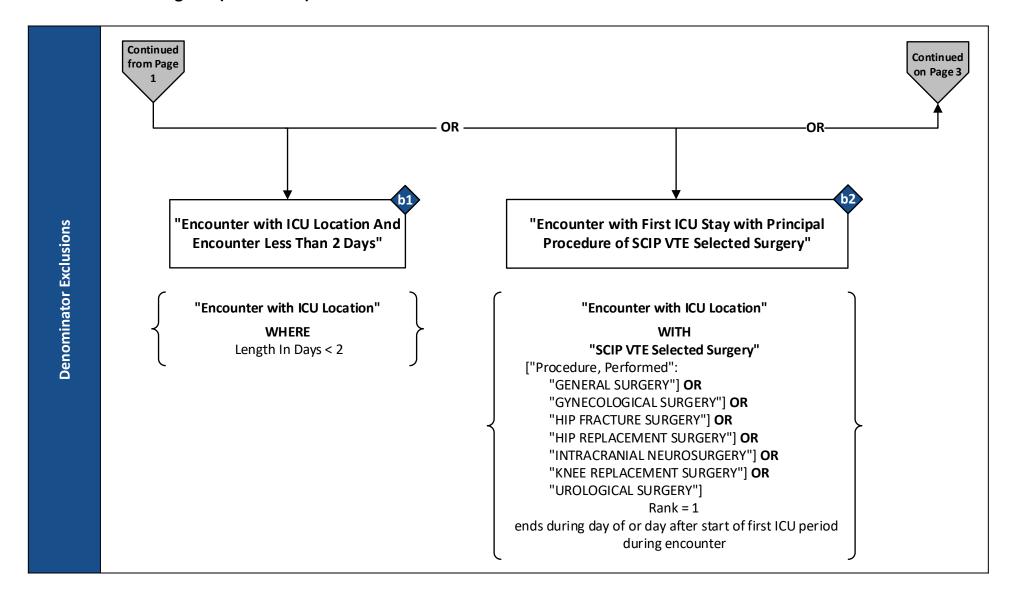
\*This flow diagram represents an overview of population criteria requirements. Please refer to the eCQM measure specification for a complete list of definitions, direct reference codes, data or timing elements included in this measure and required for submission.

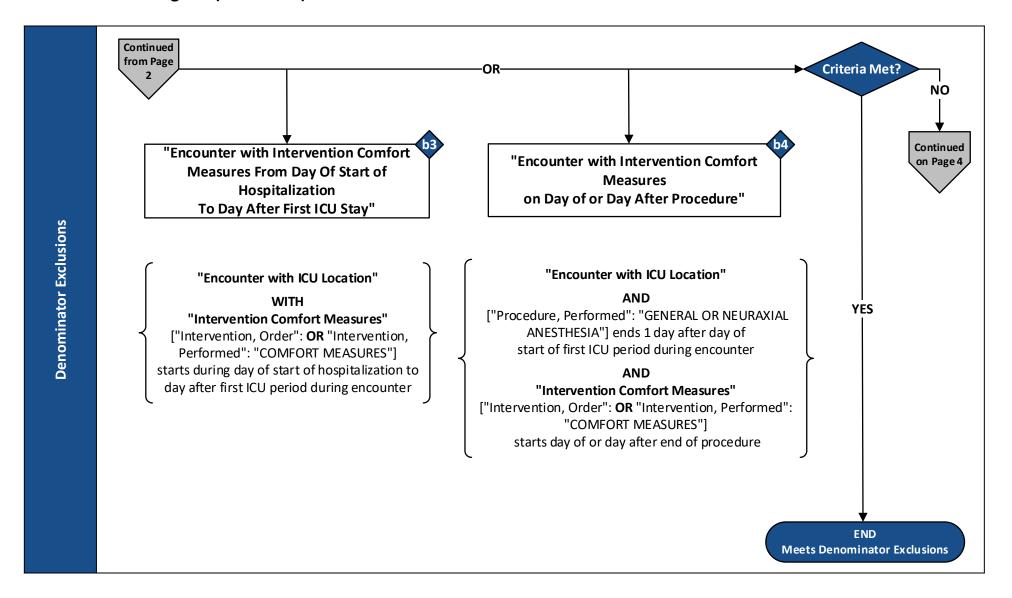
## **Measure Flow Diagram**



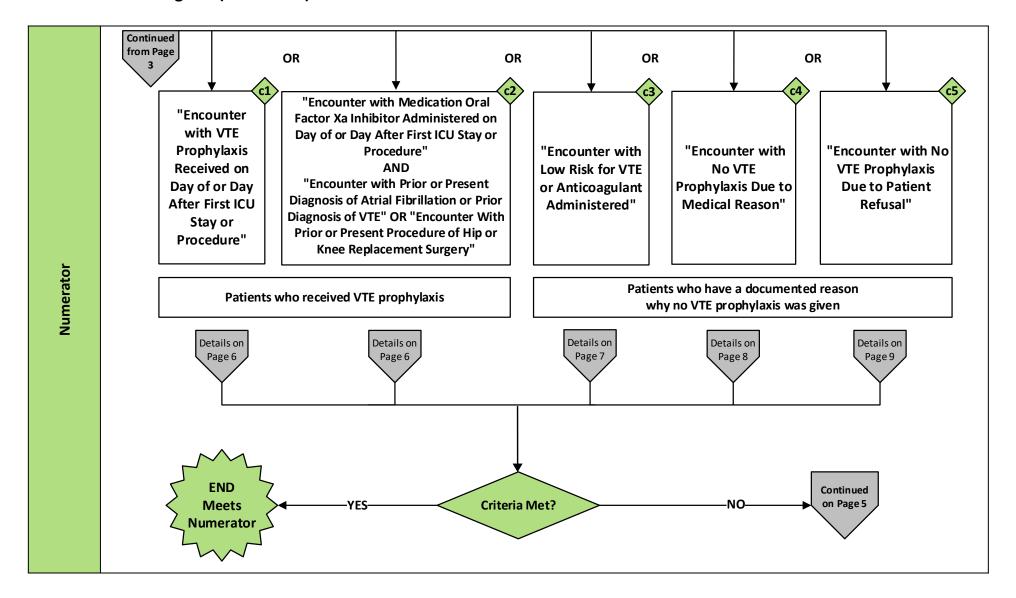
\*This flow diagram represents an overview of population criteria requirements. Please refer to the eCQM measure specification for a complete list of definitions, direct reference codes, data or timing elements included in this measure and required for submission.



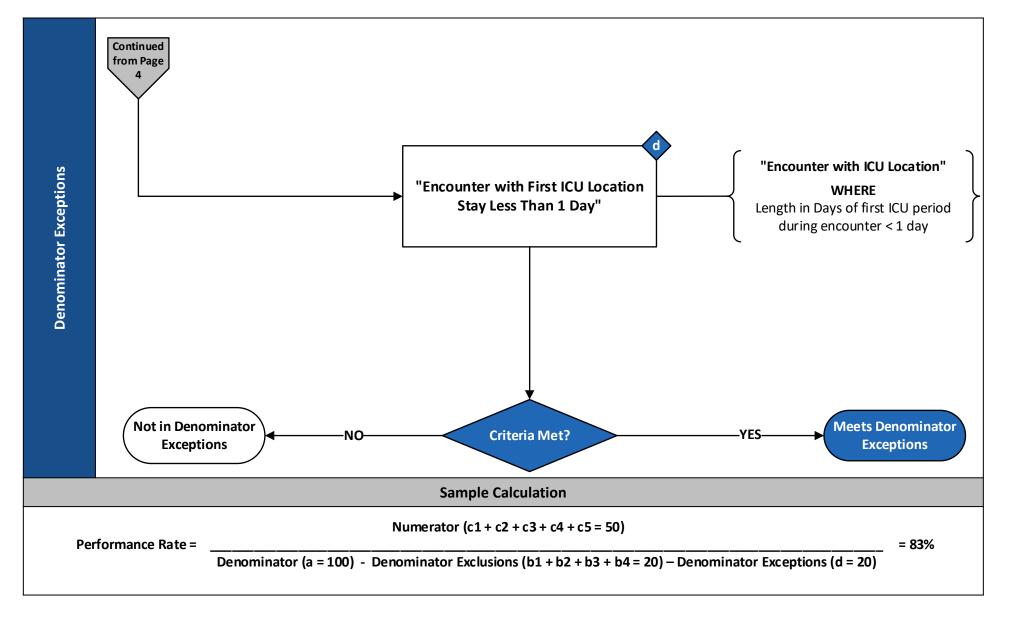
\*This flow diagram represents an overview of population criteria requirements. Please refer to the eCQM measure specification for a complete list of definitions, direct reference codes, data or timing elements included in this measure and required for submission.



\*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.



\*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)**

### Patients who received VTE prophylaxis:

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

"Encounter With Medication Oral Factor Xa Inhibitor Administered on Day 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"] OR

"APPLICATION OF VENOUS FOOT PUMPS"] OR

"APPLICATION OF GRADUATED COMPRESSION STOCKINGS"

starts during day of or day after start of first ICU period during encounter

#### OR

#### WITH

["Procedure, Performed": "GENERAL OF NEURAXIAL ANESTHESIA"] ends 1 day after day of start of first ICU period during encounter

"Pharmacological or Mechanical VTE Prophylaxis Received" starts during day of or day after procedure

### "Encounter With ICU Location"

#### WITH

["Medication, Administered": "ORAL FACTOR Xa INHIBITOR FOR VTE PROPHYLAXIS OR VTE TREATMENT"]

starts during day of or day after start of first ICU period during encounter

#### OR

#### WHERE

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

#### AND

["Medication, Administered": "ORAL FACTOR Xa INHIBITOR FOR VTE PROPHYLAXIS OR VTE TREATMENT"] starts during day of or day after procedure

#### AND

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

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

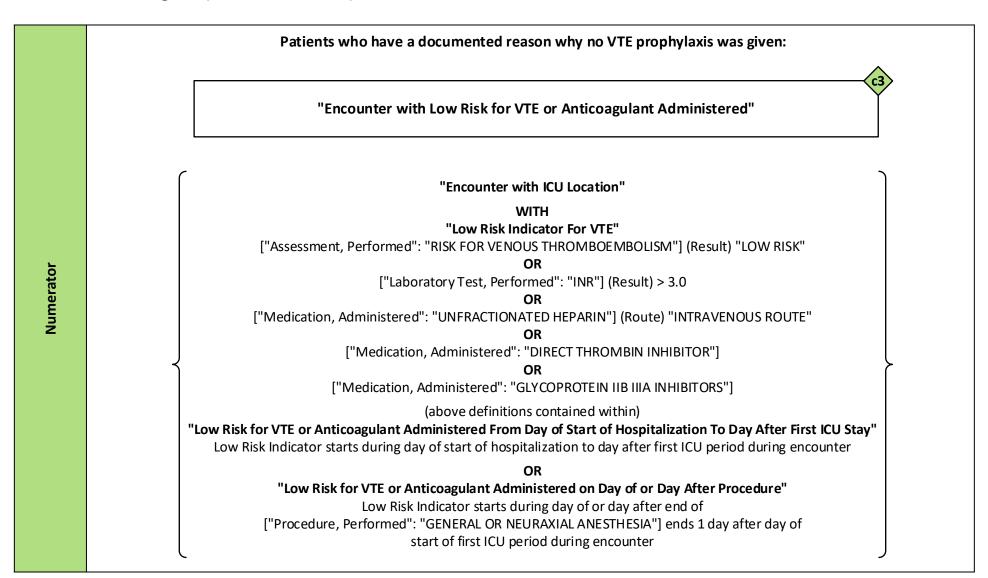
#### OR

"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

\*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)**



Version 13 7 August 2024

\*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)**

Patients who have a documented reason why no VTE prophylaxis was given: "Encounter with No VTE Prophylaxis Due to Medical Reason" "Encounter with ICU Location" WITH "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"] AND "No Mechanical VTE Prophylaxis Performed or Ordered" ["Procedure, Not Performed": **Numerator** "APPLICATION OF INTERMITTENT PNEUMATIC COMPRESSION DEVICES"] OR "APPLICATION OF VENOUS FOOT PUMPS"] OR "APPLICATION OF GRADUATED COMPRESSION STOCKINGS"] ["Device, Not Ordered": "INTERMITTENT PNEUMATIC COMPRESSION DEVICES"] OR "VENOUS FOOT PUMPS"] OR "GRADUATED COMPRESSION STOCKINGS"] WHERE (Negation Rationale) "MEDICAL REASON FOR NOT PROVIDING TREATMENT" (above definitions contained within) "No VTE Prophylaxis Medication Due to Medical Reason From Day Of Start of Hospitalization To Day After First ICU Stay" AND "No Mechanical VTE Prophylaxis Due to Medical Reason From Day Of Start of Hospitalization To Day After First ICU Stay" during day of start of hospitalization to day after first ICU period during encounter "No VTE Prophylaxis Medication Due to Medical Reason on Day of or Day After Procedure" AND "No Mechanical VTE Prophylaxis Due to Medical Reason 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 first ICU period during encounter

\*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)**

Patients who have a documented reason why no VTE prophylaxis was given: "Encounter with No VTE Prophylaxis Due to Patient Refusal" "Encounter with ICU Location" "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"] "No Mechanical VTE Prophylaxis Performed or Ordered" **Numerator** ["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 First ICU Stay" during day of start of hospitalization to day after first ICU period during encounter "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 first ICU period during encounter

\*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 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 Population	Start by identifying inpatient hospitalizations that include:  • patients age 18 years and older discharged from hospital inpatient acute care  • without a diagnosis of venous thromboembolism (VTE) or obstetrics  • ends during the measurement period
Denominator	The denominator further constrains the initial population to include inpatient hospitalizations for patients directly admitted or transferred to ICU during the hospitalization
<b>Denominator</b> <b>Exclusions</b>	<ul> <li>The denominator exclusions criteria identify a subset of the denominator population by excluding inpatient hospitalizations for patients with any of the following:</li> <li>hospital length of stay less than 2 days</li> <li>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</li> <li>comfort measures documented anytime between the day of arrival and the day after ICU admission or transfer</li> <li>comfort measures documented by the day after surgery end date for surgeries that start the day of or the day after ICU admission or transfer</li> </ul>

\*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:
Numerator	<ul> <li>Inpatient hospitalizations for patients who received VTE prophylaxis:</li> <li>on the day of or the day after ICU admission (or transfer)</li> <li>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)</li> </ul>
N D	OR
	<ul> <li>Inpatient hospitalizations for patients who have documentation of a reason why no VTE prophylaxis was given:</li> <li>between the day of arrival and the day after ICU admission (for patients directly admitted as inpatients to the ICU)</li> <li>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)</li> </ul>
<b>Denominator</b> <b>Exceptions</b>	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