

Anticoagulant Use and Monitoring

OntarioMD i4C Dashboard Indicator

For more information regarding OntarioMD Indicators or the EMR i4C Dashboard Specification, please refer to:

<https://www.ontariomd.ca/emr-certification/emr-specification/ontariomd-indicator-library>

1. VERSION HISTORY

INDICATOR VERSION	PUBLICATION DATE	REMARKS
1.0	2020-01-31	<ul style="list-style-type: none"> Initial Release
2.0	2020-06-15	<ul style="list-style-type: none"> Indicator Name Segments modified to ≤ 6 since last screening, last screening between 6 and 12 months ago, and last screening > 12 months ago. Removal of Description and Indicator User Help content. Content will be maintained within a separate document in the i4C Dashboard Indicator Library.

2. INDICATOR DEFINITION

2.1 Indicator Properties

PROPERTY	VALUE
Indicator ID	MED-OTH-004
Indicator Name	Anticoagulant Use and Monitoring
Indicator Version	2.0
Date Published	2020-06-15
Description	Indicator description is part of the User Help content, now maintained in a separate document within the i4C Dashboard Indicator Library.
Source	PCQ
Source Description	Based on Sweden's Primary Care Quality indicators, 2018.
Status	Active
Category	Medication Management
Subcategory	Other Drugs

Indicator Order	4
Indicator Graphic Type	Pie, Bar, or Stacked Bar Chart
Indicator Graphic Notes	<p>Indicator can be displayed as an individual pie chart or bar chart, or as a stacked bar chart representing the following group of indicators:</p> <p>MED-OTH-001, MED-OTH-002, MED-OTH-003, MED-OTH-004</p> <p>For the stacked bar option, each bar must be labelled with the indicator name and each bar segment represents an indicator segment.</p>
Indicator User Help	User Help content is now maintained in a separate document within the i4C Dashboard Indicator Library.
Indicator Query Segment Notes	<p>ACTIVE PATIENTS are patients identified as 'Active' in the Patient Status data element (DE01.016) within Patient Demographics.</p> <p>DOAC is a patient medication recorded in Medications (DE09) AND is identified by any of the following text within the brand or generic medication name (DE09.003): "apixaban", "edoxaban", "rivaroxaban", or "dabigatran" .</p> <p>NON-DOAC ANTICOAGULANT is a patient medication recorded in Medications (DE09) AND is identified by any of the following text within the brand or generic medication name (DE09.003): "danaparoid", "dalteparin", "enoxaparin", "heparin", "nadroparin", "tinzaparin", or "warfarin".</p> <p>CURRENT DOAC PRESCRIPTION is a DOAC medication recorded in Medications (DE09) AND is not a Past Medication (DE09.017) .</p> <p>CURRENT NON-DOAC ANTICOAGULANT PRESCRIPTION is an Non-DOAC Anticoagulant medication recorded in Medications (DE09) AND is not a Past Medication (DE09.017) .</p> <p>DOCUMENTED eGFR SCREENING: is a value captured within Laboratory Test Results (DE10) for an eGFR Test. Test names may be identified using EMR's proprietary test names, laboratory proprietary test codes or test names, or LOINC codes which cross-reference test names across different EMR and laboratory test names.</p>
Patient List Notes	<p>PATIENT NAME is a combination of First Name (DE01.003) and Last Name (DE01.002) data items from Patient Demographics. Names may be displayed either as separate columns or concatenated into one column.</p>

	<p>UNIQUE PATIENT IDENTIFIER is any data item from Patient Demographics that can be used by a physician or clinic to uniquely identify a patient when displayed. Examples include Health Card Number (DE01.008) or Chart Number (DE01.012)</p> <p>PATIENT DATE OF BIRTH is captured into Patient Demographics as Date of Birth (DE01.007)</p> <p>PATIENT AGE is a calculated data item representing the difference between the current date and Date of Birth (DE01.007) from Patient Demographics. Age should be displayed in years.</p> <p>PATIENT PHONE NUMBER is the preferred phone number for contacting a patient, and may include Residence Phone (DE02.007), Cell Phone (DE02.008) or Work Phone (DE02.009) from Patient Address.</p> <p>CURRENT DOAC MEDICATIONS is a concatenated listing of medication names (DE09.003), along with (if possible) either the Prescription Written Date (DE09.001) or Start Date (DE09.002) of Current DOAC Prescriptions.</p> <p>CURRENT NON-DOAC ANTICOAGULANT MEDICATIONS is a concatenated listing of medication names (DE09.003), along with (if possible) either the Prescription Written Date (DE09.001) or Start Date (DE09.002) of Current Oral Anticoagulant Prescriptions.</p> <p>LATEST eGFR SCREENING represents the result and/or date from the latest documented screening for eGFR test.</p>
--	---

2.2 Indicator Segment Properties

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
1	Current DOAC with eGFR last done within past 6 months	Yes	COUNT OF: Active patients WITH one or more Current DOAC prescriptions AND WITH the most recent eGFR screening documented <= 6 months ago	<p>Mandatory</p> <ul style="list-style-type: none"> Patient Name Unique Patient Identifier Patient Date of Birth <p>Optional</p> <ul style="list-style-type: none"> Patient Age Patient Phone Number Current DOAC Medications Latest eGFR Screening

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
2	Current DOAC with eGFR last done between 6 and 12 months ago	Yes	COUNT OF: Active patients WITH one or more Current DOAC prescriptions AND WITH The most recent eGFR screening documented > 6 months ago and <= 12 months ago)	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Current DOAC Medications Latest eGFR Screening
3	Current DOAC with eGFR last done over 12 months ago or never done	Yes	COUNT OF: Active patients WITH one or more Current DOAC prescriptions AND WITH The most recent eGFR screening documented > 12 months ago	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Current DOAC Medications Latest eGFR Screening
4	No Current DOAC but with current non-DOAC	Yes	COUNT OF: Active patients WITHOUT one or more Current DOAC prescriptions AND WITH one more Current non-DOAC anticoagulant prescriptions	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
				Current non-DOAC Anticoagulant Medications