

Digoxin Medication Use

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
1.1	2020-06-15	<ul style="list-style-type: none"> 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-001
Indicator Name	Digoxin Medication Use
Indicator Version	1.1
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	HDC
Source Description	Based on BC's Health Data Coalition Current Clinical Measures, June 2018.
Status	Active
Category	Medication Management
Subcategory	Other Drugs

Indicator Order	1
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>DIGOXIN is a patient medication recorded in Medications (DE09)</p> <p>AND is identified by the text "digoxin" or "digitalis" within the brand or generic medication name (DE09.003).</p> <p>ACTIVE PRESCRIPTION WITHIN THE PAST 12 MONTHS is a patient medication recorded in Medications (DE09) that is either not a Past Medication (DE09.017) OR has a Prescription End Date within 12 months before the current date.</p> <p>ACTIVE PRESCRIPTION PRIOR TO 12 MONTHS AGO is a patient medication recorded in Medications (DE09) with a Prescription End Date more than 12 months ago.</p> <p>PRESCRIPTION END DATE can be calculated based on Start Date (DE09.002), Duration (DE09.011), Refill Duration (DE09.012), and Number of Refills/Repeats (DE09.015). For example, a prescription with start date of January 1, 2020 with Duration and Refill Durations both 30 days, with 3 Refills/Repeats will have an end date = start date + 120 days (30 + 3 x30) = April 30, 2020.</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>

PATIENT DATE OF BIRTH is captured into Patient Demographics as Date of Birth (DE01.007)

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.

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.

LAST PRESCRIBED is the most recent Prescription End Date of Digoxin prescribed over 12 months ago.

2.2 Indicator Segment Properties

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
1	Prescribed within past 12 months	Yes	COUNT OF: Active patients WITH one or more Active Prescriptions for Digoxin within the past 12 months	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Numbe
2	Last Prescribed over 12 months ago	Yes	COUNT OF: Active patients WITHOUT one or more Active Prescriptions for Digoxin within the past 12 months AND WITH one or more Active Prescriptions for Digoxin prior to 12 months ago	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Last Prescribed
3	Never Prescribed	Yes	COUNT OF: Active patients WITHOUT any documented prescriptions for Digoxin	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Numbe