

# Opioid High-Risk Co-prescribing

## 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"> <li>Initial Release</li> </ul>
2.0	2020-06-15	<ul style="list-style-type: none"> <li>Oxymorphone removed from list of Opium medication names (no longer available in Canada)</li> <li>Removal of Description and Indicator User Help content. Content will be maintained within a separate document in the i4C Dashboard Indicator Library.</li> </ul>

## 2. INDICATOR DEFINITION

### 2.1 Indicator Properties

PROPERTY	VALUE
Indicator ID	MED-OPI-004
Indicator Name	Opioid High-Risk Co-prescribing
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	NHS
Source Description	Based on UK National Health Service Safety Indicators Specification published in 2019
Status	Active
Category	Medication Management
Subcategory	Opioids

Indicator Order	4
Indicator Graphic Type	Pie or Bar Chart
Indicator Graphic Notes	
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>OPIOID 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): "Alfentanil", "Buprenorphine", "Butorphanol", "Codeine", "Dihydrocodeine", "Fentanyl", "Hydrocodone", "Hydromorphone", "Meperidine", "Methadone", "Morphine", "Nalbuphine", "Opium", "Oxycodone", "Pentazocine", "Pethidine", "Remifentanil", "Sufentanil", "Tapentadol", or "Tramadol".</p> <p>BENZODIAZEPINE 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): "Alprazolam", "Bromazepam", "Clobazam", "Clorazepate", "Chlordiazepoxide", "Clonazepam", "Diazepam", "Flurazepam", "Lorazepam", "Midazolam", "Oxazepam", "Quazepam", "Temazepam", "Triazolam" .</p> <p>Z-DRUG 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): "zolpidem", "eszopiclone", "zopiclone", or "zaleplon".</p> <p>PREGABALIN is a patient medication recorded in Medications (DE09) AND is identified by the text "pregabalin" within the brand or generic medication name (DE09.003).</p> <p>GABAPENTIN is a patient medication recorded in Medications (DE09) AND is identified by the text "gabapentin" within the brand or generic medication name (DE09.003).</p> <p>CURRENT OPIOID PRESCRIPTION is an Opioid medication recorded in Medications (DE09) which is not a Past Medication (DE09.017) .</p> <p>CURRENT BENZODIAZEPINE PRESCRIPTION is a Benzodiazepine medication recorded in Medications (DE09) which is not a Past Medication (DE09.017) .</p>

	<p>CURRENT Z-DRUG PRESCRIPTION is a Z-drug medication recorded in Medications (DE09) which is not a Past Medication (DE09.017) .</p> <p>CURRENT PREGABALIN PRESCRIPTION is a Pregabalin medication recorded in Medications (DE09) which is not a Past Medication (DE09.017) .</p> <p>CURRENT GABAPENTIN PRESCRIPTION is a Gabapentin medication recorded in Medications (DE09) which is not a Past Medication (DE09.017) .</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 OPIOID 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 Opioid Prescriptions.</p> <p>CURRENT BENZODIAZEPINE 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 Benzodiazepine Prescriptions.</p> <p>CURRENT Z-DRUG 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 Z-drug Prescriptions.</p> <p>CURRENT PREGABALIN 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 Pregabalin Prescriptions.</p> <p>CURRENT GABAPENTIN 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 Gabapentin Prescriptions.</p>

## 2.2 Indicator Segment Properties

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
1	1+ currently prescribed benzo, z-drug, pregabalin, or gabapentine	Yes	COUNT OF: Active patients WITH one or more current opioid prescriptions AND WITH (one or more current benzodiazepine prescriptions OR one or more current z-drug prescriptions OR one or more current pregabalin prescriptions OR one or more current gabapentine prescriptions )	<b>Mandatory</b> Patient Name Unique Patient Identifier Patient Date of Birth  <b>Optional</b> Patient Age Patient Phone Number Current Opioid Medications Current Benzodiazepine Medications Current Z-drug Medications Current Pregabalin Medications Current Gabapentine Medications
2	No currently prescribed benzo, z-drug, pregabalin, or gabapentine	Yes	COUNT OF: Active patients WITH one or more current opioid prescriptions AND WITHOUT one or more current benzodiazepine prescriptions AND WITHOUT one or more current z-drug prescriptions AND WITHOUT one or more current pregabalin prescriptions AND WITHOUT one or more current gabapentine prescriptions	<b>Mandatory</b> Patient Name Unique Patient Identifier Patient Date of Birth  <b>Optional</b> Patient Age Patient Phone Number Current Opioid Medications