

Amplify Care – Diabetes and Prediabetes: **SEARCH & INSTALLATION GUIDE FOR TELUS PS SUITE**

Overview

Amplify Care has developed a set of EMR searches for TELUS PS Suite EMR to support the identification of patient populations with a diagnosis or who may be at risk and benefit from proactive screening and identification. These searches help primary care clinicians in quickly identifying cohorts who may benefit from intervention, screening and data clean-up.

This search and installation guide contains the following:

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1: General searches for patient/cohort identification

These searches can be used to help identify specific patient populations and groups related to diabetes and prediabetes. General searches can be used by most sites as-is and do not rely on the use of specific forms.

Please note:

These searches serve as a starting point in grouping and identifying different patient populations and cohorts. The accuracy of the results may vary and can be impacted by the quality of EMR data and documentation standards.

- The search is:
 - Looking for active and rostered patients
- **Criteria are flexible:** EMR users and office staff can modify the search based on their preferences.
- **Limitations:** The search criteria are constrained by the limitations of the TELUS PSS EMR search capabilities.

High-level criteria for searches are listed below:

Search	Description	Notes/ search criteria (high-level)
DM - Prediabetes population search	Identifies patients with a diagnosis of prediabetes based on Problem list descriptions, SNOMED codes, ICD codes or if the latest lab values fall within diagnostic range.	Identifies patients with an active status AND; Does not have an ICD-9, SNOMED CT, SNOMED RT code associated with diabetes AND; Has a problem description associated with prediabetes OR an HBA1C OR fasting blood glucose level associated with prediabetes
DM - Type2Diabetes population search	Looks for all patients with a diagnosis of type2diabetes and excludes prediabetes.	Excludes patients with a description of prediabetes, impaired fasting glucose or glucose intolerance AND; Includes patients that have a problem list description associated with type2diabetes, ICD-9, SNOMED CT, SNOMED RT associated with diabetes OR; If the service code k030 has been completed >0 OR; If diagnosis code 250 has been completed > 0
DM - uncoded diagnosis	Looks for patients with an uncoded diagnosis of diabetes or prediabetes in their problem list. May be useful for QI and data clean up initiatives.	Identifies and includes patients who have an uncoded description with a keyword that pertains to Diabetes OR Prediabetes. Problem list description does not have an associated SNOMED or ICD code attached. CPP Prob Uncoded Descriptions contains t2dm or CPP Prob Uncoded Descriptions contains the word diabetes or CPP Prob Uncoded Descriptions contains the word prediabetes or CPP Prob Uncoded Descriptions contains pre diabetes or CPP Prob Uncoded Descriptions contains glucose intolerance or CPP Prob Uncoded Descriptions contains dmt2 or CPP Prob Uncoded Descriptions contains impaired fasting glucose or CPP Prob Uncoded Descriptions contains Type 2 diabetes

2: Searches supported by Evidence2Practice tools and data

As part of the Evidence2Practice program, Amplify Care has developed searches to further support tool use and the application of quality standards.

If your site and clinicians use Evidence2Practice tools – these searches can be used to further understand patient status, identification and needs as they relate to diabetes. Searches may help identify patients who are due for a visit and/or who may benefit from additional intervention support. Searches may help in providing a detailed understanding of a clinician's diabetes cohort and further stratify groups based on categories like A1C levels, annual screening, etc.

Please note:

[These searches reference fields from the Evidence2Practice toolkit](#), and so it is required that they be installed to properly use and get benefit from these searches. **Access the toolkit [here](#)**. The accuracy of the results may vary and can be impacted by the quality of EMR data and documentation standards.

- The search is:
 - Looking for active and rostered patients
- **Criteria are flexible:** EMR users and office staff can modify the search based on their preferences.
- **Limitations:** The search criteria is constrained by the limitations of the TELUS PSS EMR search capabilities.

About Evidence2Practice Ontario (E2P):

E2P brings together multi-disciplinary, cross-sector expertise under the joint leadership of the [Centre for Effective Practice](#), [Amplify Care](#), and [North York General Hospital](#). Funding and strategic guidance for E2P is provided by Ontario Health in support of Ontario's Digital First for Health Strategy.



Search	Description	Notes/ search criteria (high-level)
E2P - DM - tool used	Identifies patients with Diabetes or prediabetes who have been managed with the E2P tool. Report can be used to further stratify cohort and identify opportunities for patient care.	Pulls a list of patients who fall within the DM or Prediabetes searches (above) AND; Have had at least 1 instance of the "E2P - DM - Screening and Diagnosis PSS" form completed OR; Have had at least 1 instance of the "E2P - DM - Visit Form PSS" form completed
E2P - DM - NO tool use	Identifies patients that may have diabetes or prediabetes and have never had the E2P used – presents an opportunity to determine who may benefit from a visit.	Pulls a list of patients who fall within the DM or Prediabetes searches (above) AND; Have NOT had at least 1 instance of the "E2P - DM - Screening and Diagnosis PSS" form completed AND; Have NOT had at least 1 instance of the "E2P - DM - Visit Form PSS" form completed.
E2P - DM - Patients A1c above target :	Identifies patients who have an A1C level that is above their latest recorded target range (in the E2P tool).	Pulls a list of patients that have met the following criteria: E2P - DM - Visit Form PSS used at least once If A1C target has been customized – will check to see if patients latest A1C is above set target, otherwise will assume a default value of 7.
E2P - DM annual screening:	Identifies patients who may be due or benefit from screening.	Pulls a list of patients that have previously been screened for diabetes (using the E2P tool) AND; Does not yet have a diagnosis of diabetes AND; Has not been screened using the E2P tool in 12+ months.
E2P - DM Visit Due w A1C	Identifies patients who may be due for visit based on visit frequency field within the E2P tool.	Using the visit frequency field within the E2P – DM – Visit form, search will look for patients who meet the criteria of their latest visit being outside of the custom value that had been most recently set. e.g. E2P - DM - Visit Form PSS "visitFreq", latest text value starts with 1 and E2P - DM - Visit Form PSS "visitFreq", latest text value does not contain 12 and E2P - DM - Visit Form PSS, months since latest > 1

3: Search Package Details

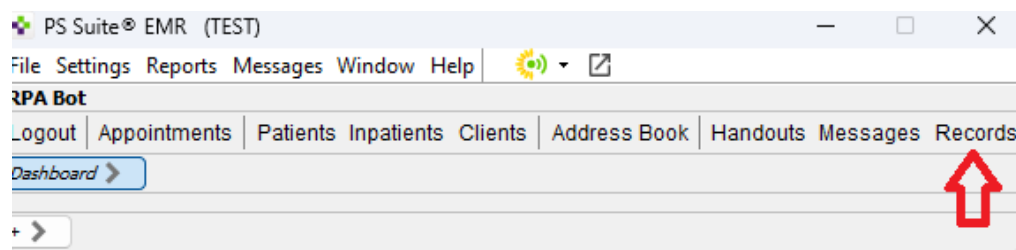
The package (.zip file) contains the following items:

- Supporting documentation: **Amplify Care Diabetes and Prediabetes SEARCH & INSTALLATION GUIDE FOR TELUS PS SUITE (this guide)**.
- General search set: There are 3 searches in this folder – searches can be imported and used as-is.
- Evidence2Practice specific searches: There are 4 searches in this folder – *installation of E2P toolkit is needed prior to importing*.

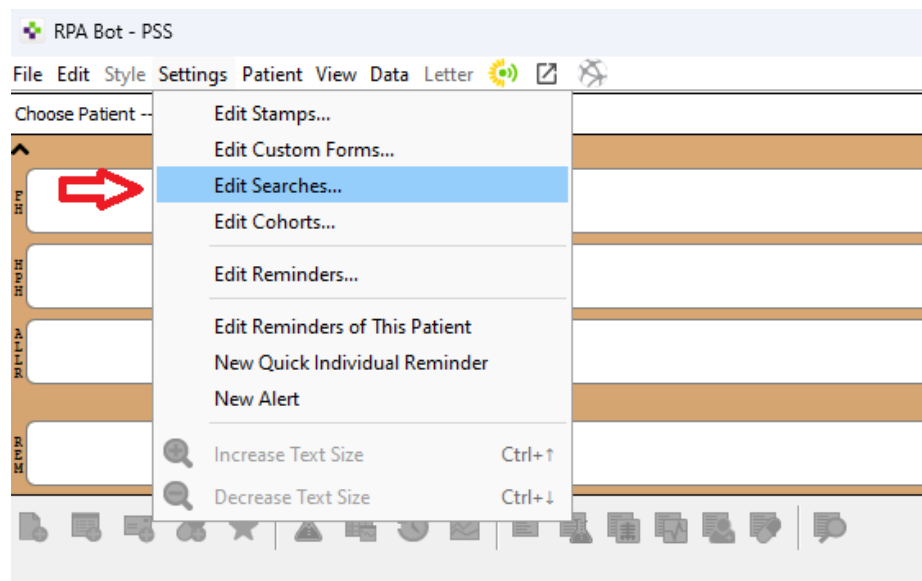
For any issues related to the installation or running of the search, please feel free to direct your queries to emrtools@amplifycare.ca.

4: Instructions for Importing a search in PS Suite

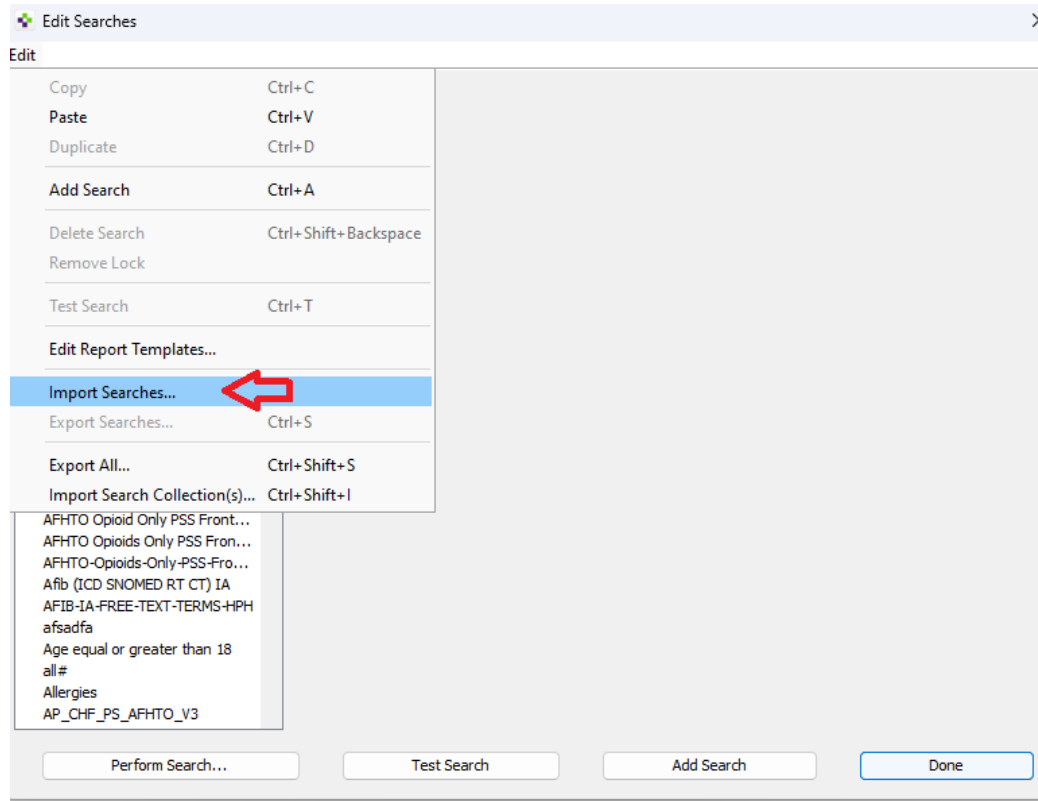
1. Navigate to the “Records” window.



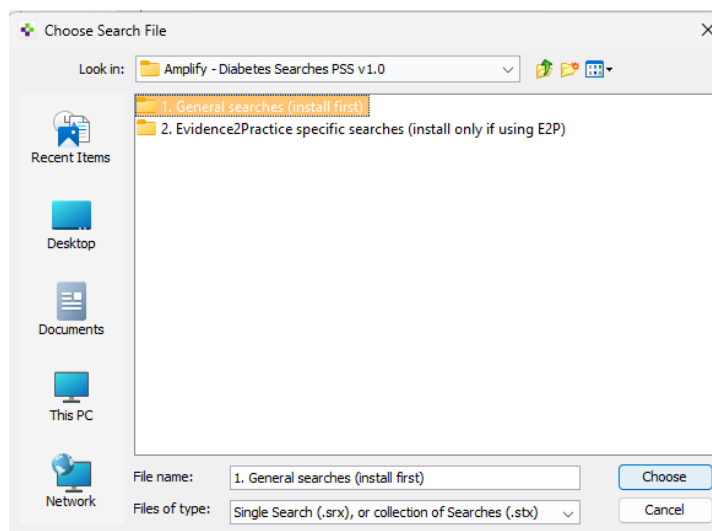
2. Click on “Settings” and select “Edit Searches”.



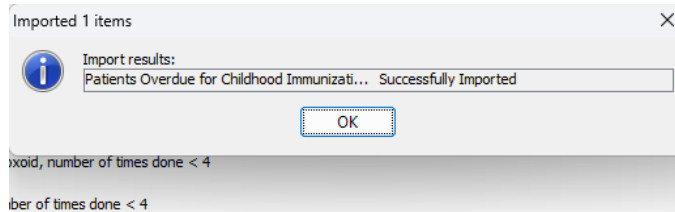
- Click on “Edit” and select “Import Searches”.



- Navigate to the file location where you have saved the unzipped search collection. Highlight the search collection, and then click “Choose”. **Pay attention to the order that you import**

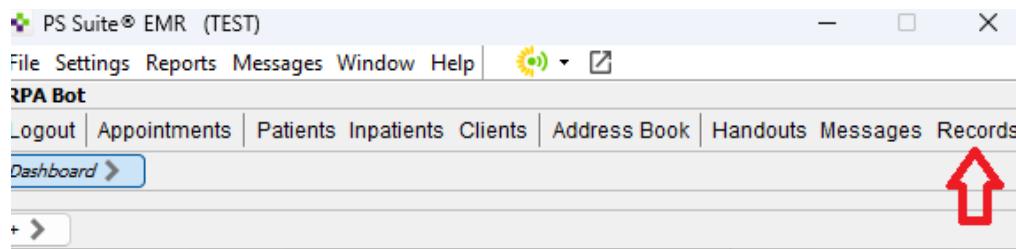


5. A pop-up will display when the search is successfully imported into the EMR.

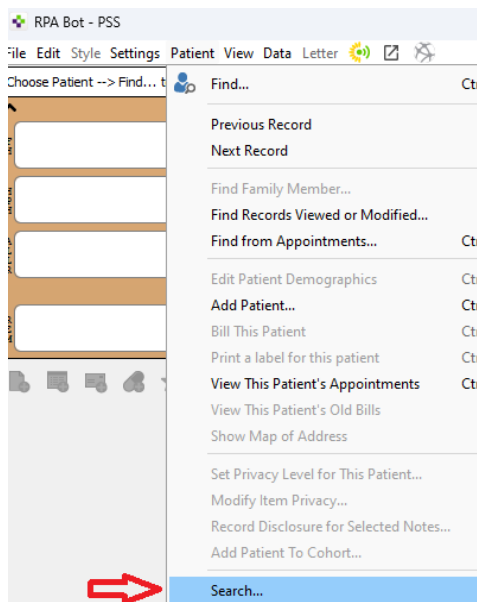


5: Instructions for Running a Search in PS Suite

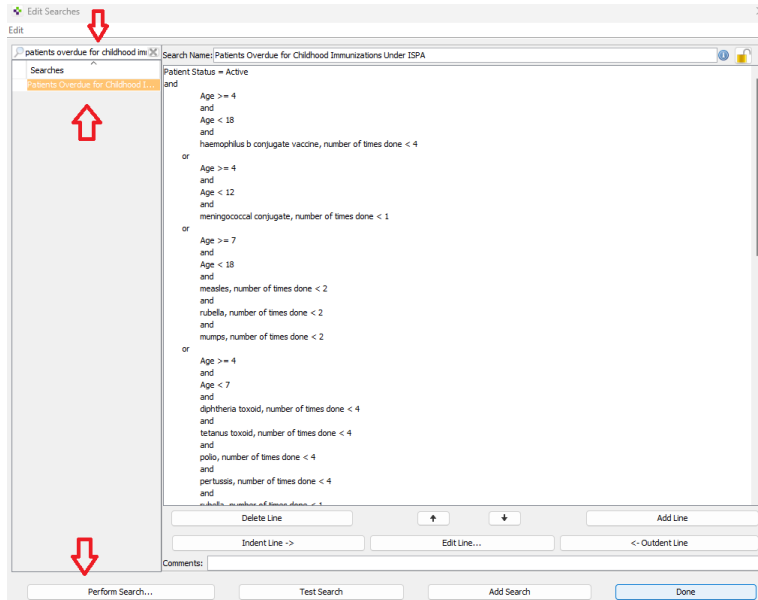
1. Navigate to the "Records" window.



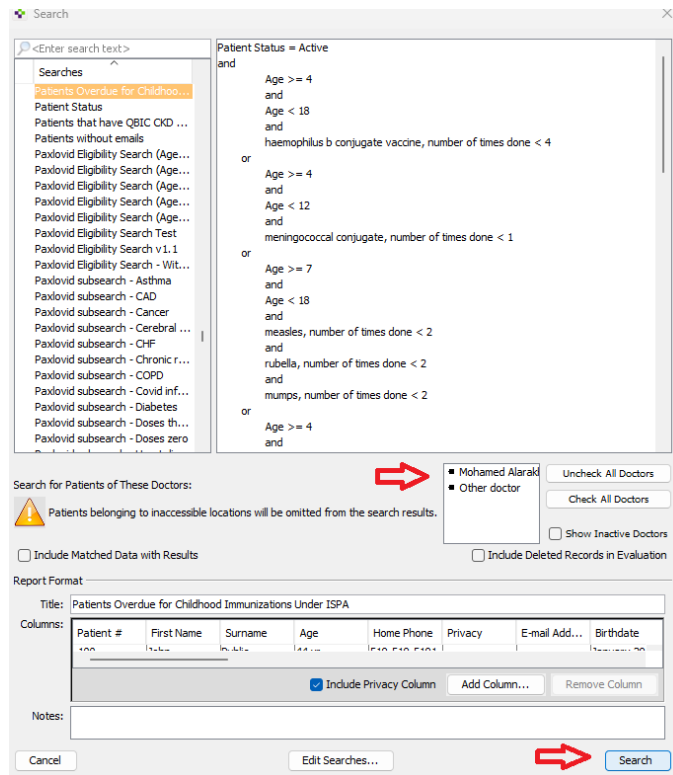
2. Click on the "Patient" menu and select "Search".



3. Enter the name of the search, select, and select “Perform Search”.



4. Select the appropriate provider from the list and click “Search”. Search results will appear in another window.



Examples of report outputs (reports are flexible and can be customized).

DM - Prediabetes population search

Report

doctor	patie...	Full Name	Age	Hb A1C	Hb A1C date	Glucose Fasti...	Glucose (fasti...
	107	Flav Test	45 yr	never done		never done	
Mohamed Alara...	315	User Palliative	115 yr	never done		never done	
	395	Patient Demo	59 yr	0.057	Dec 2, 2024	6	Dec 2, 2024
Mohamed Alara...	352	Alec DO NOT U...	81 yr	0.05	Mar 17, 2020	6.8	Apr 5, 2019
Mohamed Alara...	472	Billybob Test	87 yr	0.08	Sep 20, 2023	6.7	Mar 8, 2023
Mohamed Alara...	437	Amanda Test	65 yr	never done		never done	
	827	Mickey Mickey	37 yr	never done		never done	
	711	Gabby Test	22 yr	never done		never done	
	888	Patricia Test	74 yr	0.18	Dec 22, 2025	18	Dec 22, 2025

E2P - DM - tool used

Report

Patient #	Full Name	Age	Privacy	# of times visit f...	Date visit last used	A1C Goal/target ...	A1c result item341	a1c date item338	A1C above targe...	influenza virus vacc...	pneumococcal [all t...
214	Donna Diabetes	85 yr		3	Mar 12, 2025	0.07	0.045	Jan 2, 2017			
120	Betty Boop Test	70 yr		1	Oct 31, 2023	0.07	never done	never done		May 27, 2016	Jun 3, 2006
398	Andrea Test	39 yr		0							
646	Don Mont	45 yr		1	Sep 10, 2025	0.08	never done	never done	false	Sep 23, 2025	Dec 15, 2023
118	Hulio Test	68 yr		1	Sep 27, 2023	0.07	never done	never done			
136	Victor Test	100 yr		1	Oct 5, 2023	0.07	never done	never done			
467	PAP Test	35 yr		5	Oct 10, 2023	0.07	0.078	Jan 13, 2021			
135	Adam Test	60 yr	Private Notes	1	Sep 25, 2024	PRIVATE	PRIVATE	never done			
111	Blue Test	92 yr		1	Sep 27, 2023	0.07	0.15	Apr 7, 2016			
137	William Test	85 yr		0							
124	Alpha Test	35 yr		0							
102	Anne Test	70 yr		1	Sep 21, 2023	<= <= 0.07 % %	never done	never done		Aug 26, 2016	
119	Helena Test	67 yr		1	Sep 25, 2023	<= <= 0.07 % %	never done	never done			
121	Germaine Test	18 yr		0							Jun 27, 2018
250	Mona Lisa	28 yr		2	Dec 13, 2024	0.07	never done	never done		Aug 25, 2016	
170	Sam Test	55 yr		0							