

D2D Diabetes Care v1

TELUS PS Searches

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Indicator Definition

Composite indicator based on % of patients with diabetes with appropriate performance for at least one of the following indicators: HbA1C testing, HbA1C level, blood pressure, and cardiovascular protection via statin therapy.

Numerator Search HbA1C testing

This search produces a list of patients who have diabetes code recorded in the EMR and have a HbA1C result within the past 6 months. See screenshot below. Please download the search from the AFHTO website to your desktop and import from there.

```
Search Name: D2D- Diabetes Care HbA1c Testing Numer v1
Patient Status = Active
and
  CPP Prob SNOMED CT® any item starts with DB-610
  or
  CPP HPH SNOMED CT® any item starts with DB-610
  or
  CPP Prob ICD-9 any item starts with 250
  or
  CPP HPH ICD-9 any item starts with 250
  or
  CPP Prob ICD-10 any item starts with E10.
  or
  CPP HPH ICD-10 any item starts with E10.
  or
  CPP Prob ICD-10 any item starts with E11.
  or
  CPP HPH ICD-10 any item starts with E11.
and
Hemoglobin A1C [Hb A1C] months since latest <= 6
```

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Numerator Search HbA1C level

This search produces a list of patients who have diabetes code recorded in the EMR and who's most recent HbA1C result was ≤ 8.5 within the past 12 months. See screenshot below. Please download the search from the AFHTO website to your desktop and import from there.

Search Name: D2D- Diabetes Care HbA1c Level Numer v1

Patient Status = Active

and

CPP Prob SNOMED CT® any item starts with DB-610

or

CPP HPH SNOMED CT® any item starts with DB-610

or

CPP Prob ICD-9 any item starts with 250

or

CPP HPH ICD-9 any item starts with 250

or

CPP Prob ICD-10 any item starts with E10.

or

CPP HPH ICD-10 any item starts with E10.

or

CPP Prob ICD-10 any item starts with E11.

or

CPP HPH ICD-10 any item starts with E11.

and

Hemoglobin A1C [Hb A1C] latest value < 0.086

and

Hemoglobin A1C [Hb A1C] months since latest <= 12

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Numerator Search Blood pressure

This search produces a list of patients who have diabetes code recorded in the EMR and who's most recent blood pressure was <150/90 within the past 12 months. See screenshot below. Please download the search from the AFHTO website to your desktop and import from there.

```
Search Name: D2D- Diabetes Care BP Numer v1
Patient Status = Active
and
CPP Prob SNOMED CT® any item starts with DB-610
or
CPP HPH SNOMED CT® any item starts with DB-610
or
CPP Prob ICD-9 any item starts with 250
or
CPP HPH ICD-9 any item starts with 250
or
CPP Prob ICD-10 any item starts with E10.
or
CPP HPH ICD-10 any item starts with E10.
or
CPP Prob ICD-10 any item starts with E11.
or
CPP HPH ICD-10 any item starts with E11.
and
Systolic BP (BP:) latest value < 150
and
Diastolic BP (BP:) latest value < 90
and
Systolic BP (BP:) months since latest <= 12
and
Diastolic BP (BP:) months since latest <= 12
```

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Numerator Search Statin

This search produces a list of patients who have diabetes code recorded in the EMR under the age of 40 years, and aged ≤ 40 years, who are prescribed a statin therapy. See screenshot below. Please download the search from the AFHTO website to your desktop and import from there.

```
Search Name: D2D- Diabetes Care Cardiovascular Protection Numer v1
Patient Status = Active
and
    CPP Prob SNOMED CT® any item starts with DB-610
    or
    CPP HPH SNOMED CT® any item starts with DB-610
    or
    CPP Prob ICD-9 any item starts with 250
    or
    CPP HPH ICD-9 any item starts with 250
    or
    CPP Prob ICD-10 any item starts with E10.
    or
    CPP HPH ICD-10 any item starts with E10.
    or
    CPP Prob ICD-10 any item starts with E11.
    or
    CPP HPH ICD-10 any item starts with E11.
and
    Age < 40
    or
        Age >= 40
        and
            Rx/Meds/Treatments current meds contains atorvastatin
            or
            Rx/Meds/Treatments current meds contains fluvastatin
            or
            Rx/Meds/Treatments current meds contains lovastatin
            or
            Rx/Meds/Treatments current meds contains pitavastatin
            or
            Rx/Meds/Treatments current meds contains pravastatin
            or
            Rx/Meds/Treatments current meds contains rosuvastatin
            or
            Rx/Meds/Treatments current meds contains simvastatin
```

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Denominator Search

This search produces a list of patients who have diabetes code recorded in the EMR. See screenshot below. Please download the search from the AFHTO website to your desktop and import from there.

Search Name: D2D- Diabetes Care Denom v1

Patient Status = Active

and

```
CPP Prob SNOMED CT® any item starts with DB-610
or
CPP HPH SNOMED CT® any item starts with DB-610
or
CPP Prob ICD-9 any item starts with 250
or
CPP HPH ICD-9 any item starts with 250
or
CPP Prob ICD-10 any item starts with E10.
or
CPP HPH ICD-10 any item starts with E10.
or
CPP Prob ICD-10 any item starts with E11.
or
CPP HPH ICD-10 any item starts with E11.
```

How to Import a Search File into Telus PS

1. Download the searches from AFHTO website onto your desktop
2. In PS select RECORDS
3. Go to SETTINGS
4. Select EDIT SEARCHES
5. Click EDIT, then on the pull down menu select IMPORT SEARCH(S)
6. Locate the search files on your desktop that you would like to import (there are 2 different files to import)
7. Make sure it is an .srx file
8. Click it, then press CHOOSE