



# MCT2D Patient Data Dashboard

Updates to Features,  
Functions and Data  
Sources

# MCT2D Learning Community Event Series 2024

MCT2D Dashboard Updates

To receive CME/CE credit

**TEXT 71201 to 833-256-8390**

**(by 1:00 PM on October 12)**

**Complete the evaluation online by **October 27****

**at <https://beaumont.cloud-cme.com>**

For assistance, email  
[CHEcme@corewellhealth.org](mailto:CHEcme@corewellhealth.org)

# Continuing Education Credits

**CME/CE Accreditation:** In support of improving patient care, this activity has been planned and implemented by Beaumont Health and Michigan Collaborative for Type 2 Diabetes. Beaumont Health is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.


This activity was planned by and for the healthcare team, and learners will receive 1.0 Interprofessional Continuing Education (IPCE) credit for learning and change.

**Medicine CME:** Beaumont Health designates this live activity for a maximum of 1.0 *AMA PRA Category 1 Credit*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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## Dietetic CPEU:

 <p><b>Commission on Dietetic Registration</b> <small>the credentialing agency for the Academy of Nutrition and Dietetics</small></p>	<p>Completion of this RD/DTR profession-specific or IPCE activity awards CPEUs (One IPCE credit = One CPEU).</p> <p>If the activity is dietetics-related but not targeted to RDs or DTRs, CPEUs may be claimed which are commensurate with participation in contact hours (One 60 minute hour = 1 CPEU).</p> <p>RD's and DTRs are to select activity type 102 in their Activity Log. Sphere and Competency selection is at the learner's discretion.</p>
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# Disclosure

The following speakers and/or planning committee members have identified the following relevant financial relationship(s) with ineligible companies. All other individuals involved with this activity have no relevant financial relationships with ineligible companies to disclose.

- **Lauren Oshman, M.D. (Course Co-Director):** Stocks in publicly traded companies or stock options, excluding diversified mutual funds-Abbott, AbbVie, Johnson & Johnson, Lilly, Merck & Co., Organon.

**Mitigation of Conflicts of Interest:** In accordance with the ACCME Standards for Integrity and Independence in Accredited Continuing Education, Beaumont Health implemented mechanisms to identify and mitigate relevant financial relationships with ineligible companies for all individuals in a position to control content of this activity.

# AGENDA

1

## Data Sources

All payer PPQC data

Total patient count  
increase

Future data sources and  
timelines

2

## Patient ID Tool

Current Features

Future Features and  
Timelines

3

## Dashboard 2.0

Current State

Future Features and  
Timelines

4

## Data Quality Work

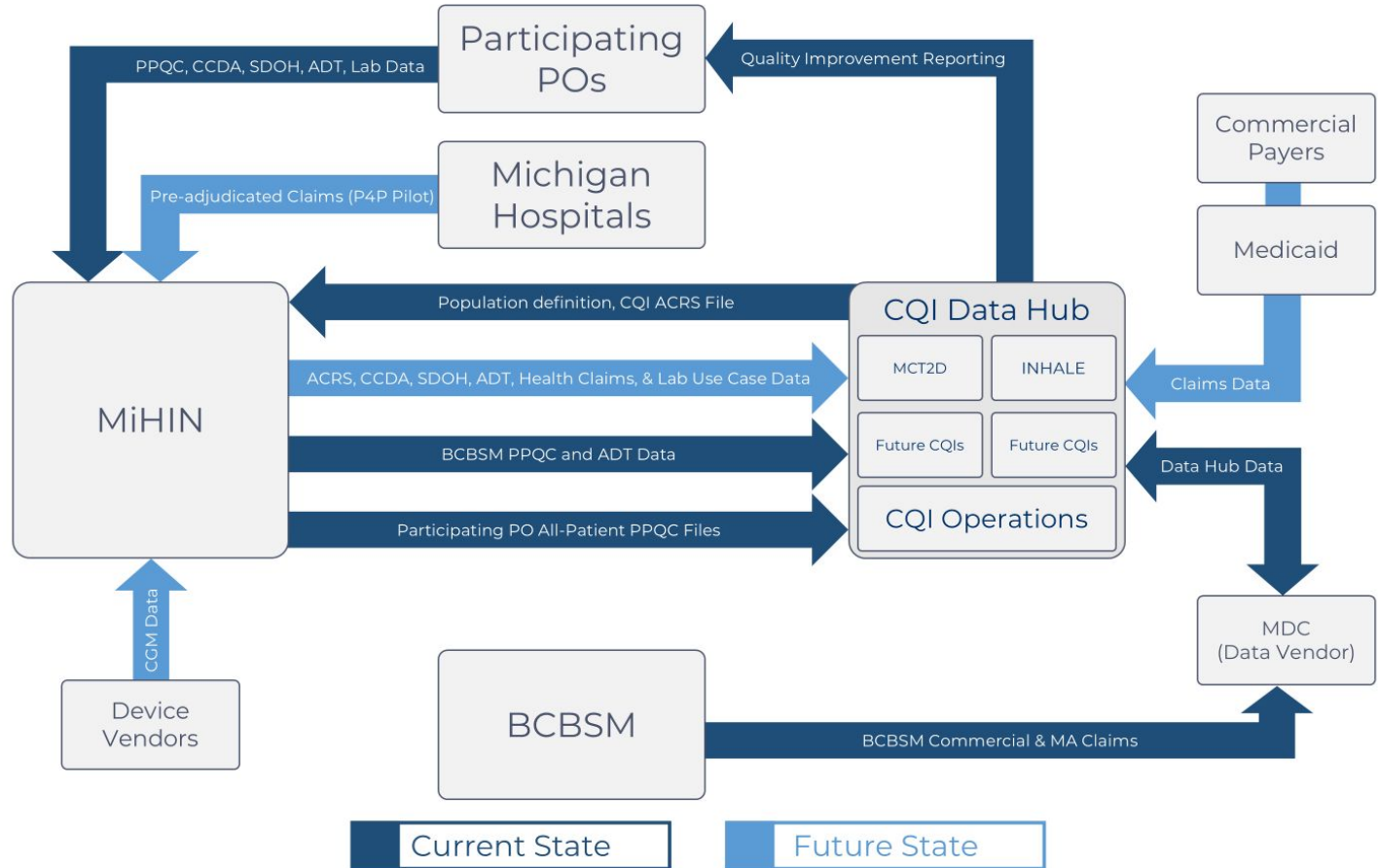
5

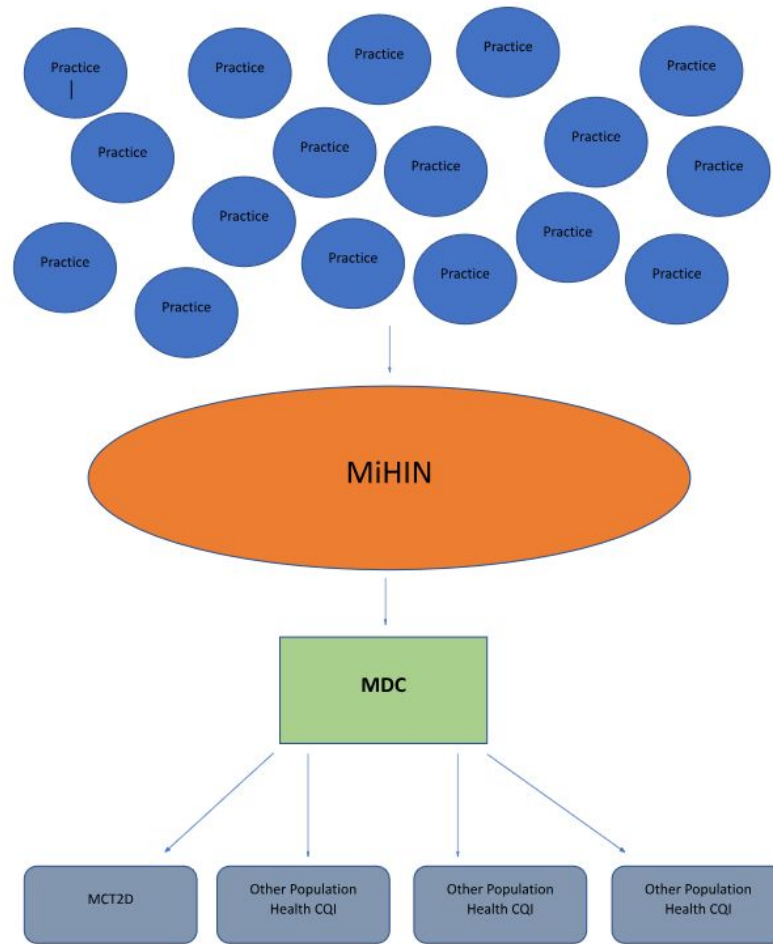
## Getting Access



## Data Sources

# Data Hub Diagram: Data Flow







# Current Data Sources

Medical and Prescription Drug Claims as well as Clinical Data have been refreshed. The data included in this refresh are as follows:

- **Claims data** from BCBSM, BCBSM MA, BCN, and BCN-A: 1/1/2018-6/30/2024
- **Clinical data** (HbA1c, BMI, and Weight) from MiHIN for POs and practices participating in the Physician-Payer Quality Collaborative (PPQC): 1/1/2020-6/30/2024

*Exclusion: The following data are excluded:*

- *Patients < 18 years old*
- *HbA1c values > 20%*

## This Week's Data Enhancement

- Includes an increase in the total population of 56,944 patients via the inclusion of ACRS attribution, that incorporates all-payer supplemental clinical data.

# Eligible Patients

## MCT2D Eligible Population

The eligible population is based on patients with Type 2 Diabetes as defined by either of the following:

- **Type 2 diabetes diagnosis.**
- **Most recent clinical A1c  $\geq 6.5$  or claim A1c  $\geq 7$**
- **Diabetes medication filled within the past six months.**

*Exclusion: Any patient with a diagnosis of Type 1 Diabetes diagnosis is excluded from the MCT2D population.*

# Future Data Sources

- All Payor PPQC Data



Completed this week!

- 
- Michigan Medicaid Claims Data



Q2 - 2025

- 
- Social Determinants of Health Data
    - SDOH screening data from MIHIN



Q3 - 2025

- 
- FHIR Bundle Data



Q4 - 2025

# Refresh and Release Schedule

Release Version	Publish Date	Release Type	Paid Claims Data Through	Clinical Data Through	PGIP Snapshot	Status	Min Claims Data Lag at Release (days)	Min Claims Data Lag at Next Release (days)	Min Clinical Data Lag at Release (days)	Min Clinical Data Lag at Next Release (days)	Notes
Feb Data Refresh	02/06/24	Data Refresh	11/30/23	11/30/23		Complete	68	124	68	124	
Enhancement Rel. 1	04/02/24	Release 1 Enhancement & Data Refresh	1/31/2024	1/31/2024		Complete	62	90	62	90	
April Data Refresh	04/30/24	Data Refresh	02/28/24	02/28/24		Complete	62	118	62	118	
Enhancement Rel. 2	6/25/2024	Release 2 Enhancement & Data Refresh	03/31/24	03/31/24		Complete, Rel. 6/11	86	128	86	128	
August Data Refresh	8/6/2024	Data Refresh	05/31/24	05/31/24		Complete	67	136	67	136	
Enhancement Rel. 3	10/14/2024	Release 3 Enhancement & Data Refresh	06/30/24	06/30/24	Summer 2024		106	122	106	122	
<del>November Data Refresh</del>	<del>10/30/2024</del>	<del>Data Refresh</del>	<del>08/31/24</del>	<del>08/31/24</del>			<del>60</del>	<del>124</del>	<del>60</del>	<del>124</del>	Canceling due to redefining Enh 4 scope/timing
Enhancement Rel. 4	12/30/2024	Release 4 Enhancement & Data Refresh	09/30/24	09/30/24			91	TBD	91	TBD	



# Patient Identification Tool - Current State

# Patient List

Patients: 1,334

Data based on BCBSM Claims data from 1/1/2018 to 6/30/2022 and BCBSM Clinical data from 1/1/2020 to 6/30/2022

**Filters** More

Practice  
(All)

Provider  
(All)

Type 2 Diabetes  
(All)

A1C  
min max  
None None

Insulin Short-Acting Status  
(All)

Insulin Inter-Acting Status  
(All)

Insulin Long-Acting Status  
(All)

GLP-1RA Status  
(All)

SGLT2i Status  
(All)

Metformin Status  
(All)

Sulfonylurea Status  
(All)

CGM  
(All)

Pharmacy Coverage  
(All)

BMI  
min max  
None None

Apply Clear

**Patient List**

Use filters on left and hit Apply to filter Patient List. If 'No Data' appears instead of 'Apply' after making a filter selection, no patients meet your selected criteria

'Active' = Rx Fill in Last 6 Months  
'Inactive' = No Rx or Rx Fill > 6 Months  
For GLP-1RA & SGLT2i, Active, Clinically Recommended means patient is on the recommended type of medication from that class. Active, Not Clinically Recommended means patient may benefit from switching to a different Clinically Recommended medication from that class.

Click on row to navigate to Patient Profile  
To export as csv/xlsx, use download button on bottom and select "Patient List Table" from the listed sheets.

Name	DOB	GLP-1RA Status	SGLT2i Status
ABBOTT, ADDISYN	6/24/1986	Inactive or No Rx	Inactive or No Rx
ABBOTT, MACKENZIE	1/31/1984	Inactive or No Rx	Inactive or No Rx
ACEVEDO, DEACON	8/21/1975	Inactive or No Rx	Inactive or No Rx
ACEVEDO, KYLER	10/6/1976	Active, Clinically Recommended	Inactive or No Rx
ADAMS, ALDEN	4/20/1935	Active, Clinically Recommended	Active, Clinically Recommended
ADAMS, TRACE	12/19/1938	Inactive or No Rx	Inactive or No Rx
ADKINS, LEXIE	7/19/1964	Active, Clinically Recommended	Active, Clinically Recommended
ADKINS, PETER	2/29/1992	Active, Clinically Recommended	Inactive or No Rx
AGUILAR, EDGAR	12/31/1950	Inactive or No Rx	Inactive or No Rx
AGUILAR, MAKAI	12/16/1960	Inactive or No Rx	Inactive or No Rx
AGUIRRE, ISABELLE	9/6/1963	Inactive or No Rx	Inactive or No Rx
ALEXANDER, JUSTICE	8/30/1992	Inactive or No Rx	Inactive or No Rx
ALLEN, MILAGROS	8/30/1983	Active, Clinically Recommended	Inactive or No Rx
ALLISON, OSWALDO	4/21/1951	Inactive or No Rx	Inactive or No Rx
ALVAREZ, ANIYA	4/4/2001	Active, Clinically Recommended	Inactive or No Rx
ALVAREZ, KINSLEY	2/5/1963	Inactive or No Rx	Inactive or No Rx
ANDERSON, MITCHELL	2/22/1942	Inactive or No Rx	Active, Clinically Recommended
ANDRADE, KAI	11/29/1974	Active, Clinically Recommended	Active, Clinically Recommended
ANDRADE, MANUEL	12/13/1987	Inactive or No Rx	Inactive or No Rx
ANDREWS, AUBREE	5/11/1978	Active, Clinically Recommended	Active, Clinically Recommended
ANDREWS, JALIYAH	6/5/1953	Inactive or No Rx	Inactive or No Rx
ARCHER, NOE	4/11/1944	Inactive or No Rx	Inactive or No Rx
ARELLANO, RORY	7/30/1955	Inactive or No Rx	Inactive or No Rx
ARMSTRONG, ENRIQUE	11/22/1998	Active, Clinically Recommended	Inactive or No Rx
ARNDT, BRENNAN	10/15/1988	Inactive or No Rx	Inactive or No Rx

- Name
- DOB
- GLP-1 RA Status
- SGLT2i Status
- Metformin Status
- CGM Status
- Sulfonylurea Status
- Type 2
- Pharmacy Coverage
- A1C
- A1C Date
- BMI
- BMI Date
- Weight



**Provider Type**

(All)  (All)  
 Nephrologist  
 Primary Care Physician  
 Unspecified Provider

Cancel Apply

**Practice**

(All)

(All)  
 PRACTICE A (101)  
 PRACTICE B (102)  
 PRACTICE C (103)  
 PRACTICE D (104)  
 PRACTICE E (105)

**GLP-1RA Status**

(All)  (All)  
 Active, Clinically Recommended  
 Active, Not Clinically Recommended  
 Inactive or No Rx

**Pharmacy Coverage**

(All)  (All)  
 Yes  
 No  
 Unknown

Attestation Patient List Renal Details Patient Profile Custom Patient

### Patient List

Based on Claims and Clinical data from BCBSM, BCBSM MA, BCN, and BCN-A  
Claims data (1/1/2018 - 6/30/2024); Clinical data (1/1/2020 - 6/30/2024)

**Filters** Less

**Provider Type**  
(All)

**Practice**  
(All)

**Provider**  
(All)

**Type 2 Diabetes**  
(All)

**A1C**  
min max  
None None

**Insulin Short-Acting Status**  
(All)

**Insulin Inter-Acting Status**  
(All)

**Insulin Long-Acting Status**  
(All)

**GLP-1RA Status**  
(All)

**SGLT2i Status**  
(All)

**Metformin Status**  
(All)

**Sulfonylurea Status**  
(All)

**CGM**  
(All)

**Pharmacy Coverage**  
(All)

Apply Clear

**More Filters**

**BMI**  
min max  
None None

**Systolic**  
min max None None

**Diastolic**  
min max None None

**Statin Status**  
(All)

**ACEI/ARB Status**  
(All)

**Other Diabetes Medications Status**  
(All)

**Retinopathy Screen**  
(All)

**Age in Years**  
min max  
None None

**Weight (% Annual Change)**  
min max  
None None

**Managing Organization**  
ANSWER HEALTH PHYSICIAN ORGANIZ...

**Statin Status**

(All)  (All)  
 Active  
 Inactive or No Rx

**ACEI/ARB Status**

(All)  (All)  
 Active  
 Inactive or No Rx

**Other Diabetes Medications Status**

(All)  (All)  
 Active  
 Inactive or No Rx

**Retinopathy Screen**

(All)  (All)  
 Yes  
 No

## Patient List

Patients: 1,334



Data based on BCBSM Claims data from 1/1/2018 to 8/31/2022 and BCBSM Clinical data from 1/1/2020 to 8/31/2022

## Filters

More

## Practice

(All)

## Provider

(All)

## Type 2 Diabetes

(All)

## A1C

min max  
None None

## Insulin Short-Acting Status

(All)

## Insulin Inter-Acting Status

(All)

## Insulin Long-Acting Status

(All)

## GLP-1RA Status

(All)

## SGLT2i Status

(All)

## Metformin Status

(All)

## Sulfonylurea Status

(All)

## CGM

(All)

## Pharmacy Coverage

(All)

## BMI

min max  
None None

Apply

Clear

## Patient List

Use filters on left and hit Apply to filter Patient List. If 'No Data' appears instead of 'Apply' after making a filter selection, no patients meet your selected criteria

'Active' = Rx Fill in Last 6 Months

'Inactive' = No Rx or Rx Fill &gt; 6 Months

For GLP-1RA &amp; SGLT2i, Active, Clinically Recommended means patient is on the recommended type of medication from that class. Active, Not Clinically Recommended means patient may benefit from switching to a different Clinically Recommended medication from that class.

Click on row to navigate to Patient Profile

To export as crosstab, use download button on bottom and select "Patient List Table" from the listed sheets.

Name	DOB	GLP-1RA Status	SGLT2i Status
ABBOTT, ADDISYN	6/24/1986	Inactive or No Rx	Inactive or No Rx
ABBOTT, MACKENZIE	1/31/1984	Inactive or No Rx	Inactive or No Rx
ACEVEDO, DEACON	8/21/1975	Inactive or No Rx	Inactive or No Rx
ACEVEDO, KYLER	10/6/1976	Active, Clinically Recommended	Inactive or No Rx
ADAMS, ALDEN	4/20/1935	Inactive or No Rx	Active, Clinically Recommended
ADAMS, TRACE	12/19/1938	Inactive or No Rx	Inactive or No Rx
ADKINS, LEXIE	7/19/1964	Inactive or No Rx	Active, Clinically Recommended
ADKINS, PETER	2/29/1992	Inactive or No Rx	Inactive or No Rx
AGUILAR, EDGAR	12/31/1950	Inactive or No Rx	Inactive or No Rx
AGUILAR, MAKAI	12/16/1960	Inactive or No Rx	Inactive or No Rx
AGUIRRE, ISABELLE	9/6/1963	Inactive or No Rx	Inactive or No Rx
ALEXANDER, JUSTICE	8/30/1992	Inactive or No Rx	Inactive or No Rx
ALLEN, MILAGROS	8/30/1983	Active, Clinically Recommended	Inactive or No Rx
ALLISON, OSWALDO	4/21/1951	Inactive or No Rx	Inactive or No Rx
ALVAREZ, ANIYA	4/4/2001	Inactive or No Rx	Inactive or No Rx
ALVAREZ, KINSLEY	2/5/1963	Inactive or No Rx	Inactive or No Rx
ANDERSON, MITCHELL	2/22/1942	Inactive or No Rx	Inactive or No Rx
ANDRADE, KAI	11/29/1974	Active, Clinically Recommended	Active, Clinically Recommended
ANDRADE, MANUEL	12/13/1987	Inactive or No Rx	Inactive or No Rx
ANDREWS, AUBREE	5/11/1978	Inactive or No Rx	Active, Clinically Recommended
ANDREWS, JALIAH	6/5/1953	Inactive or No Rx	Inactive or No Rx
ARCHER, NOE	4/11/1944	Inactive or No Rx	Inactive or No Rx
ARELLANO, RORY	7/30/1955	Inactive or No Rx	Inactive or No Rx
ARMSTRONG, ENRIQUE	11/22/1998	Active, Clinically Recommended	Inactive or No Rx
ARMSTRONG, DEEMNA	10/15/1999	Inactive or No Rx	Inactive or No Rx



## Renal Details

Patients: 1,334



Data based on BCBSM Claims data from 1/1/2018 to 6/30/2022 and BCBSM Clinical data from 1/1/2020 to 6/30/2022

## Filters

More

## Practice

(All)

## Provider

(All)

## Type 2 Diagnosis

(All)

## Chronic Kidney Disease Diagnosis

(All)

## Nephrologist Care

(All)

## A1C

min

max

None

None

## BMI

min

max

None

None

## BP: Systolic

min

max

None

None

## BP: Diastolic

min

max

None

None

## GLP-1RA Status

(All)

## SGLT2i Status

(All)

## Statins Status

(All)

Apply

Clear

## Renal Details

Use filters on left and hit Apply to filter Patient List. If the Apply button does not appear after making a filter selection, no patients meet your selected criteria

'Active' = Rx Fill in Last 6 Months

'Inactive' = No Rx or Rx Fill &gt; 6 Months

For GLP-1RA &amp; SGLT2i, Active, Clinically Recommended means patient is on the recommended type of medication from that class. Active, Not Clinically Recommended means patient may benefit from switching to a different Clinically Recommended medication from that class.

Click on row to navigate to Patient Profile

To export as crosstab, use download button on bottom on bottom and select "Patient List Table" from the listed sheets.

Name	CKD Date	Nephrologist Date	A1C	BMI	Weight	
ABBOTT, ADDISYN	Null	Null	7	25.99	160	🔍
ABBOTT, MACKENZIE	1/1/2022	Null	9.7	31.16	Null	🔍
ACEVEDO, DEACON	4/7/2022	Null	Null	24.59	209	🔍
ACEVEDO, KYLER	Null	Null	8.5	Null	Null	🔍
ADAMS, ALDEN	Null	Null	Null	34.64	260	🔍
ADAMS, TRACE	Null	1/1/2022	Null	Null	Null	🔍
ADKINS, LEXIE	8/7/2021	10/3/2021	7.8	32.92	250	🔍
ADKINS, PETER	Null	Null	5.9	Null	Null	🔍
AGUILAR, EDGAR	Null	Null	Null	Null	172	🔍
AGUILAR, MAKAI	Null	Null	Null	Null	Null	🔍
AGUIRRE, ISABELLE	3/30/2022	Null	Null	36.37	147	🔍
ALEXANDER, JUSTICE	5/30/2022	Null	Null	53.72	Null	🔍
ALLEN, MILAGROS	Null	Null	Null	44.68	279	🔍
ALLISON, OSWALDO	Null	Null	Null	Null	329	🔍
ALVAREZ, ANIYA	6/21/2022	Null	Null	Null	208	🔍
ALVAREZ, KINSLEY	10/3/2021	Null	Null	21.71	Null	🔍
ANDERSON, MITCHELL	Null	Null	Null	Null	Null	🔍
ANDRADE, KAI	Null	Null	5.3	33.63	187	🔍
ANDRADE, MANUEL	4/13/2022	Null	Null	Null	Null	🔍
ANDREWS, AUBREE	3/9/2022	Null	Null	Null	198	🔍
ANDREWS, JALIAH	Null	Null	8.6	Null	Null	🔍
ARCHER, NOE	Null	Null	Null	30.49	261	🔍
ARELLANO, RORY	10/20/2021	Null	6.3	39.78	Null	🔍
ARMSTRONG, ENRIQUE	3/24/2022	Null	8	40.66	211	🔍
ARNOLD, BRENNIA	Null	Null	Null	Null	Null	🔍
ARNOLD, ISABEL	9/25/2021	Null	Null	33.52	Null	🔍
ASHLEY, DANIELLA	6/17/2022	Null	7.2	26.44	Null	🔍

# Renal Details

Based on Claims and Clinical data from BCBSM, BCBSM MA, BCN, and BCN-A  
 Claims data (1/1/2018 - 6/30/2024); Clinical data (1/1/2020 - 6/30/2024)

## Filters

Less

Provider Type  
 (All)

Practice  
 (All)

Provider  
 (All)

Type 2 Diagnosis  
 (All)

Chronic Kidney Disease Diagnosis  
 (All)

Nephrologist Care  
 (All)

A1C  
 min  None max  None

BMI  
 min  None max  None

BP: Systolic  
 min  None max  None

BP: Diastolic  
 min  None max  None

GLP-1RA Status  
 (All)

SGLT2i Status  
 (All)

Statins Status  
 (All)

## Advanced Filters

ACEI/ARB Status  
 (All)

Pharmacy Coverage  
 (All)

Album/Creatinine Ratio  
 Any  
 Current (Last 12 Months)  
 Not Current  
 No Result Found  
 min  None max  None

eGFR  
 Any  
 Current (Last 12 Months)  
 Not Current  
 No Result Found  
 min  None max  None

Managing Organization  
 ANSWER HEALTH PHYSICIAN ORGANIZ...

Chronic Kidney Disease Diagnosis

(All)

(All)

Yes

No

Nephrologist Care

(All)

(All)

No

Yes

Album/Creatinine Ratio

Any

Current (Last 12 Months)

Not Current

No Result Found

min  None max  None

eGFR

Any

Current (Last 12 Months)

Not Current

No Result Found

min  None max  None

# Patient Profile



Data based on BCBSM Claims data from 1/1/2018 to 6/30/2022 and BCBSM Clinical data from 1/1/2020 to 6/30/2022

Find Patient: (hit Enter key to apply)

ADKINS, LEXIE (18177)

## ADKINS, LEXIE

Gender: **Female**  
 Age: **57 years old**  
 Date of Birth: **July 19, 1964**  
 Type 2 Diabetes Diagnosis: **Yes**

## Attribution and Coverage

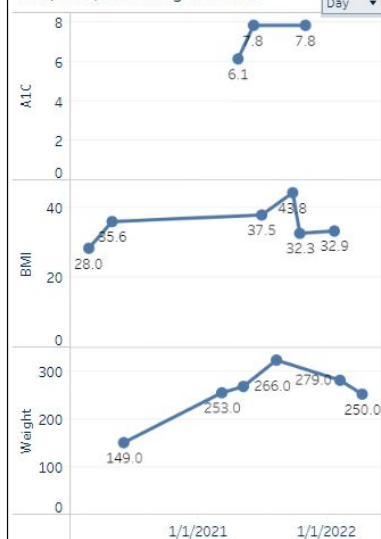
Physician Organization: **ALPHA**  
 Practice: **PRACTICE E**  
 Provider: **SWEENEY, QUINTON**  
 Pharmacy Coverage in June 2022: **Yes**

- Click Button to Add/Remove patients to/from Follow-up Patient List.
- Save changes using a Custom Views at the bottom of the page.
- Set your saved Custom View as your default.

In Follow-Up Patient List: NO

### A1C, BMI, and Weight Trends

Trend By:  
Day



### Biomarker, Dx, and Visit Info

Results
Blood Pressure
Retinopathy Screen
CKD
Nephrologist

### Last Rx Fill

Rx	Last Fill Date
ACEI	7/5/2021
Statin	10/12/2021
Metformin	4/10/2022
Sulfonylurea	8/4/2021
ARB	10/8/2021
DPP4-I	3/3/2022
GLP-1RA	12/17/2021 <small>Clinically Recommended</small>

# General Feature and Function Enhancements

- Endocrinologist Attribution



Q1 - 2025

- 
- Differentiate between BCBSM Medicare and Commercial patients



Q1 - 2025

- 
- PDCM Eligibility
    - Flag and filter for if a patient has a PDCM benefit

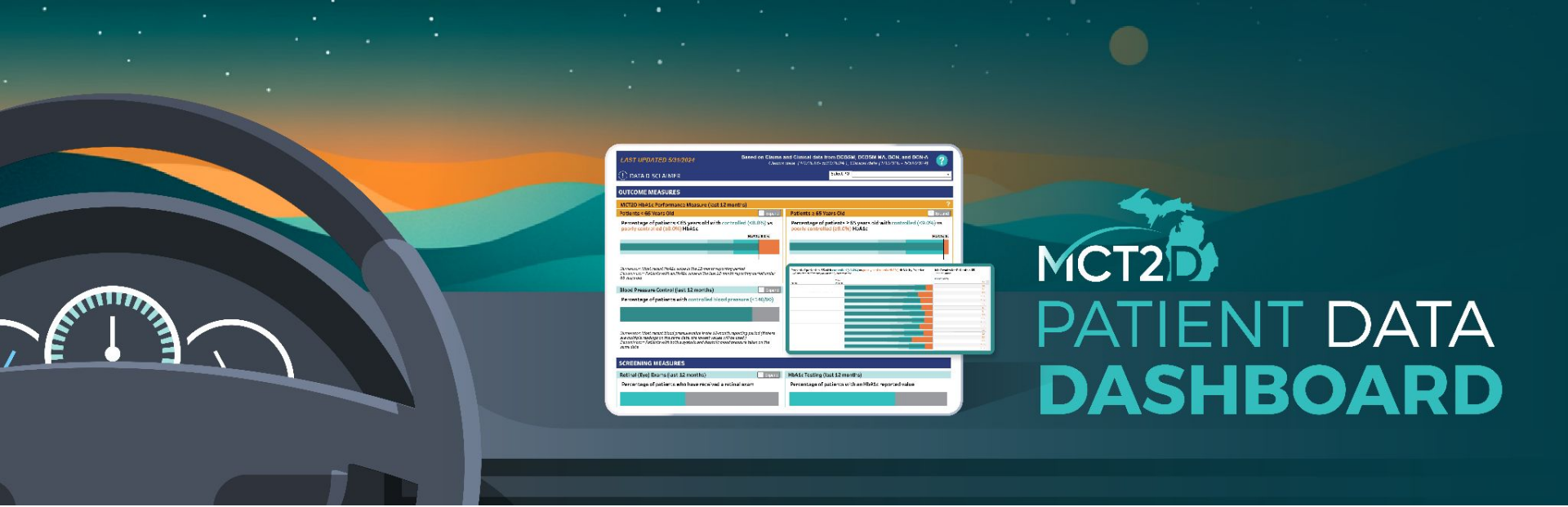


Q3 - 2025

- 
- Identify Last PCP Visit



Q4 - 2025



# MCT2D PATIENT DATA DASHBOARD

DASHBOARD 2.0  
*First released on 9/9!*



# 36

## 30-min User Feedback Sessions

*Includes a mix of participants who have and have not used the dashboard previously*

1

Recorded interviews were uploaded to Grain and transcript was generated

2

Highlights and key quotes were extracted from interviews and added to a spreadsheet

3

Quotes were tagged as feature, need, want, issue, filter, CGM, meds, coverage, data, etc

4

These were then affinity mapped using Mural to identify common themes and key needs/change for 2.0

# User Story - PO Representative

## *User Story A:*

Clara, a PO representative for MCT2D, wants to compare their PO's participating practices **to establish a baseline of current CGM prescribing** because they have chosen increased CGM prescribing as their initiative focus. She then wants **to download a report that displays each practice's current prescribing rate** in comparison.

*Clara asks, "Can I compare our practices? So, Five of our seven are enrolled [in MCT2D] right now. Can I compare, like say we're going to try to increase our CGM usage? Can I pull up each one of our practices to compare where they're at with that?"*

*I think this would be helpful to see where our improvement is. And then I could say, look at these practices, they are our top prescribers for CGMs, and then do the same with SGLT2s and GLPs"*





# LOGGING IN

The screenshot shows the homepage of the Michigan Collaborative for Type 2 Diabetes (MCT2D). The top navigation bar includes links for NEWS, ABOUT, SPECIALTY CARE, MY RESOURCES, ADMIN PORTAL, and PATIENT DATA DASHBOARD. The main content area features the MCT2D logo, a search bar, and four key focus areas: RESOURCES, MEMBERS, EVENTS, and PATIENTS. The central message reads: "THE MICHIGAN COLLABORATIVE FOR TYPE 2 DIABETES" with the tagline "Shifting the paradigm of type 2 diabetes care through dissemination of best practices and partnering to remove barriers to care." Below this are three icons representing: increasing use of continuous glucose monitoring devices, aligning medication prescribing with guideline directed care, and promoting low carbohydrate eating patterns. At the bottom, there are sections for EVENTS (with a calendar icon and date OCT 9) and NEWS (with a megaphone icon and date OCT 3). An orange arrow points to the "PATIENT DATA DASHBOARD" link in the top navigation bar.

[mct2d.org](http://mct2d.org)

[michigandatacollaborative.org](http://michigandatacollaborative.org)

# LOGGING IN

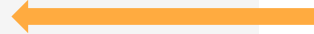
MDC\_PROJECT

CQI: MCT2D

Legacy Patient Data Dashboard

CQI: MCT2D 2.0

Patient Data Dashboard 2.0



## Getting Started - MCT2D Patient Data Dashboard 2.0

Tutorial 1 of 3 - Developed September 3, 2024

Before we can show you features from the new Dashboard following homework assignments:

1. Request an MCT2D Patient Data Dashboard user account.
2. Login to the MCT2D Patient Data Dashboard 2.0 via the Michigan Data Collaborative (MDC).
3. Access the Dashboard User Guide PDF.

Noa Kim | 6 steps | 15 seconds



Need help getting access to the dashboard? Scan the QR or click the link in the chat.



# Landing Page

MDC\_PROJECT

CQI: MCT2D

[Legacy Patient Data Dashboard](#)

CQI: MCT2D 2.0

[Patient Data Dashboard 2.0](#)

The Michigan Collaborative For Type 2 Diabetes  
**PATIENT DATA DASHBOARD**

Legacy Dashboard

**MCT2D**

**LAST UPDATED 5/31/2024**

Based on Claims and Clinical data from BCBSM, BCBSM MA, BCN, and BCN-A  
Claims data (1/1/2018- 5/31/2024 ); Clinical data (1/1/2020 - 5/31/2024)

Click the icons below to navigate to a dashboard view.

- Patient List**  
Filter a list of your patients included in the MCT2D dashboard - *Coming soon!*
- Patient Profile**  
Access diabetes-related health information for a specific patient - *Coming soon!*
- Summary Measures**  
View summary measures for your organization
- Follow Up Lists**  
Access pre-filtered patient lists and save custom lists - *Coming soon!*
- Pre-populated Reports**  
Real-time reports on critical topics  
*Coming soon!*
- User Guide**  
Get help navigating the dashboard

# NEW DASHBOARD 2.0 FEATURES

The Michigan Collaborative For Type 2 Diabetes  
**PATIENT DATA DASHBOARD**

**MCT2D**

**LAST UPDATED 5/31/2024** Based on Claims and Clinical data from BCBSM, BCBSM MA, BCN, and BCN-A  
Claims data (1/1/2018- 5/31/2024); Clinical data (1/1/2020 - 5/31/2024) ?

Click the icons below to navigate to a dashboard view:

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- Pre-populated Reports**  
Real-time reports on critical topics  
*Coming soon!*
- User Guide**  
Get help navigating the dashboard

**WELCOME & FAQs**

Welcome to the MCT2D Patient Data Dashboard, a population health dashboard designed to empower you with tools for quality improvement and population health management. With the dashboard, you can filter patients based on specific criteria, access summary data on MCT2D initiatives, and review detailed diabetes-specific patient health information.

Use the icons above to navigate the dashboard, or explore answers to frequently asked questions below.

What patients are included in the dashboard? ▾	What data will be added in the future? ▾
What does "pharmacy coverage" represent in the dashboard? ▾	What should I do if data is missing? ▾
How do I export data? ▾	Who should I contact if I need help with this dashboard? ▾

## Landing Page

- Removed attestation
- Updated data banner
- Improved way to navigate to pages
- Added FAQs



# COMING NEXT

MEASURES

Select your view: Overview Pre-populated Reports coming soon! Build Comparisons

MCT2D

2024 Based on Claims and Clinical data from BCBSM, BCBSM MA, BCN, and BCN-A  
Claims data (1/1/2018- 5/31/2024); Clinical data (1/1/2020 - 5/31/2024)

Select PO

HbA1c Measure (last 12 months)

Patients ≥ 65 Years Old

65 years old with controlled (<8.0%) vs poorly controlled (≥8.0%) HbA1c

HbA1c 8.0%

Percentage of patients ≥ 65 years old with controlled (<9.0%) vs poorly controlled (≥9.0%) HbA1c

HbA1c 9.0%

Numerator: Most recent HbA1c value in the 12-month reporting period  
Denominator: Patients with an HbA1c value in the last 12-month reporting period aged 65 or older

with controlled (<8.0%) vs poorly controlled (≥8.0%) HbA1c by Practice  
List by that Practice

A1c Results for Patients < 65  
Patient Count:

Total Patients	Patient Name
	15.0
	14.6
	14.4
	14.0
	13.8
	13.4
	13.2
	13.1
	13.1
	13.0
	13.0
	12.9
	12.9
	12.7
	12.6
	12.6

## MCT2D performance Population

- Option to narrow the HbA1c measure population (current) to the MCT2D performance measure population (future).

# NEW DASHBOARD 2.0 FEATURES

## Dashboard 2.0 Tutorials

### 1. Getting Started



#### Getting Started - MCT2D Patient Data Dashboard 2.0

Tutorial 1 of 3 - Developed September 3, 2024

Before we can show you features from the new Dashboard 2.0, you have the following homework assignments:

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3. Access the Dashboard User Guide PDF.

6 Steps | 15 seconds

M Mct2D

Step 0 of 6

Get Started →

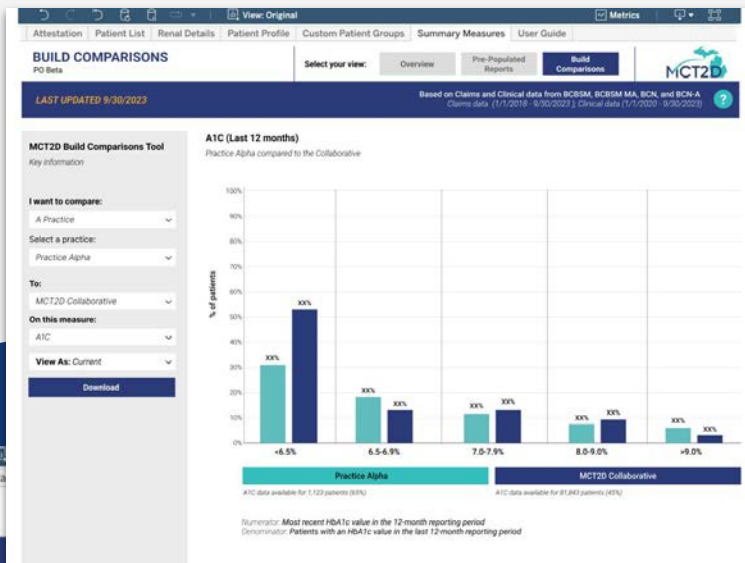
Made with **Scribe**



## Tutorials Page and Updates User Guide

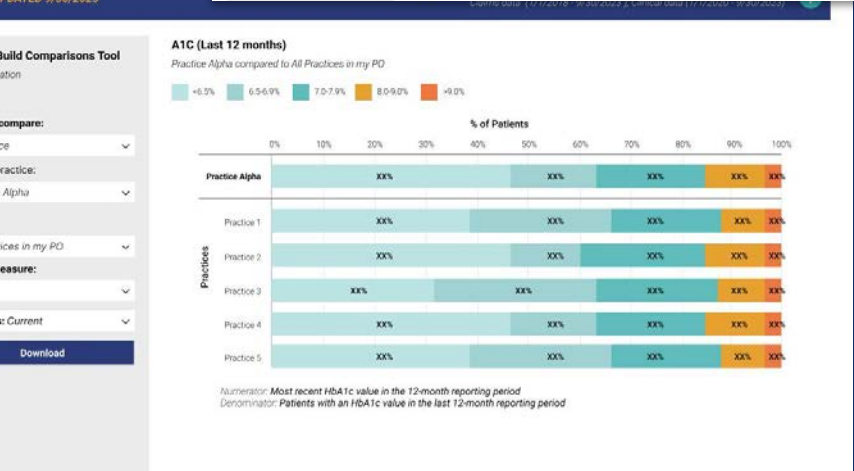
[www.mct2d.org/patient-data-dashboard](http://www.mct2d.org/patient-data-dashboard)

# DASHBOARD 2.1 ENHANCEMENTS



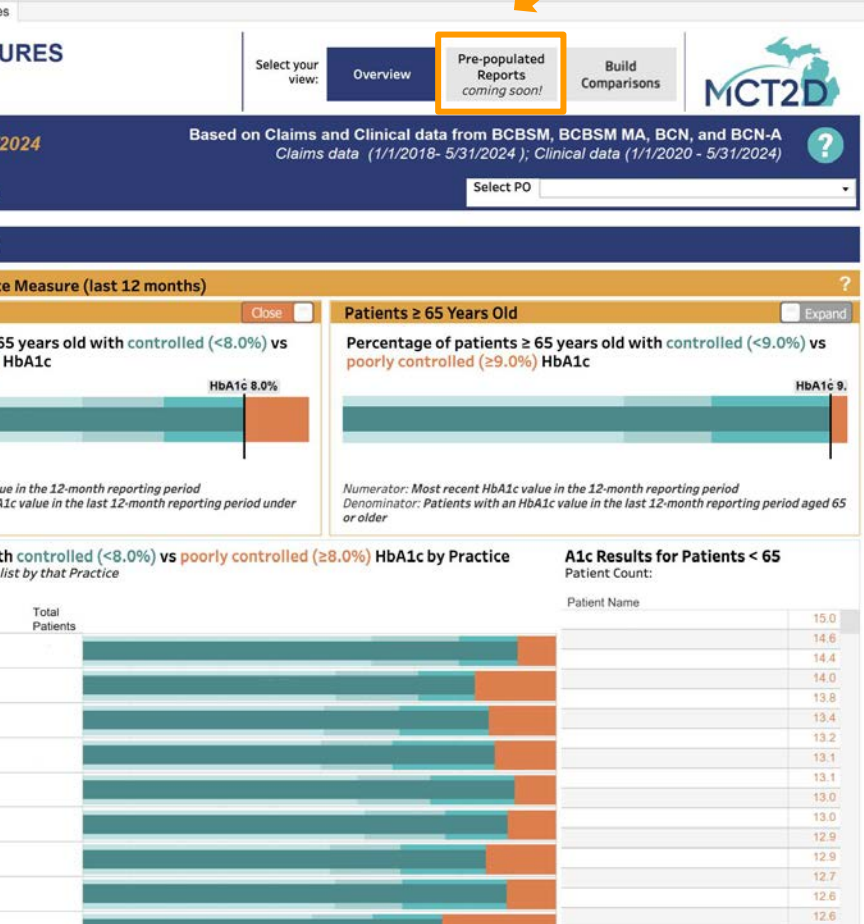
## Build Comparisons Feature

- Reenvisioning of the legacy summary measures page as a tool to allow you to build a range of comparisons





## DASHBOARD 2.2 ENHANCEMENTS



### Pre-Populated Reports

- **Trends!** HEDIS measures and Med/CGM prescribing
- **Comparisons!** PO to Collaborative, provider and practice comparisons
- **Detailed practice reports!**

### Patient Profile

Based on claims and clinical data from BCBSM, BCBSM MA, BCN, and BCN-A  
 Claims data (1-1-2018 - 1/31/2024); Clinical data (1/1/2020 - 1/31/2024)

Add Patient to Follow-up List Print Report

### Smith, John

Age: 45 years old  
 Date of Birth: January 1, 1979  
 Type 2 Diabetes Diagnosis: Yes

#### Insurance Coverage

Payor: Aetna  
 Pharmacy Coverage in January 2024: Yes

Check Coverage

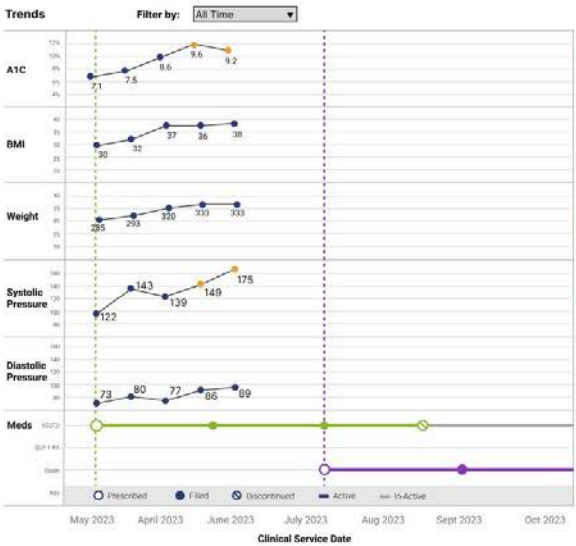
#### PCP

Physician Organization: Comprehensive Medical Group  
 Practice: Family Medicine, LLC  
 Provider: Doe, Jane

#### Specialist Care

Physician Organization: Comprehensive Medical Group  
 Practice: Nephrology Medicine, LLC  
 Provider: Doe, Jane

Possible Overdue Care Alerts: **Retinopathy Screening >12months**



#### Biometrics and Labs

<b>Blood Pressure</b> Result: 118/82 Date: 1/31/2023	<b>eGFR</b> Result: 57 Date: 1/31/2023
<b>CKD</b> Dx Date: 1/31/2022	<b>CGM Use</b> Last Event Date: 1/31/2023

#### Screenings, Exams, and Visits

<b>Retinopathy Screen</b> Screen Date: 1/31/2023 <b>Overdue</b>	<b>PCP Visit</b> Visit Date: 1/31/2023
<b>Nephrologist Visit</b> Visit Date: 1/31/2022	

#### Prescriptions

<b>Active</b>	<b>CGM</b> Last Fill Date: 1/31/2024 Status: active <i>Clinically Recommended</i>	<b>GLP-1RA</b> Last Fill Date: 1/31/2024 Status: active <i>Clinically Recommended</i>	<b>Metformin</b> Last Fill Date: 1/31/2024 Status: active <i>Clinically Recommended</i>
<b>In-Active</b>	<b>SGLT2i</b> Last Fill Date: 1/31/2023 Status: in-active	<b>DPP4-1</b> Last Fill Date: 1/31/2023 Status: in-active	<b>Statins</b> Last Fill Date: 1/31/2023 Status: in-active
	<b>Sulfonylurea</b> Last Fill Date: 1/31/2023 Status: in-active	<b>ARB</b> Last Fill Date: 1/31/2023 Status: in-active	

# DASHBOARD 2.2 ENHANCEMENTS

## Patient Profile

- Possible overdue care alerts
- Improved layout for biometrics, labs, and prescriptions

# DASHBOARD 2.2 ENHANCEMENTS

The screenshot displays a web application interface for a Patient List. At the top, there is a navigation bar with tabs for Home, Patient List, Patient Profile, Follow-up List, Summary Measures, and Resources. Below the navigation bar, the main content area is titled "Patient List" and includes a sub-header: "Based on claims and clinical data from BCBSM, BCBSM MA, BCN, and BCN-A. Claims data (1/1-2018 - 1/31/2024); Clinical data (1/1/2020 - 1/31/2024)". There are two buttons: "Add Patient to Follow-up List" and "Print Report".

Below the header is a "Filters" section with a horizontal menu containing: Provider/Org, Diagnosis, Prescriptions, Biometrics, Labs, Care, Coverage, and Demographics. Underneath this menu are three dropdown menus for "Practice", "Provider", and "Physician Organization", along with "Apply" and "Clear" buttons.

Below the filters is a section titled "Possible Overdue Care Alerts:" followed by a table with 11 columns: Name, DOB, A1C, A1C Date, BMI, Weight, CGM, GLP-1RA, SGLT2i, Sulfonylurea, and Metformin. The table contains 8 rows of data for a patient named Jane Smith, with the A1C Date column highlighted in orange for the first three rows.

Name	DOB	A1C	A1C Date	BMI	Weight	CGM	GLP-1RA	SGLT2i	Sulfonylurea	Metformin
Smith, Jane	1/1/1970	6.2	1/1/2023	26.2	173	Yes	Active	Inactive	Inactive	Inactive
Smith, Jane	1/1/1971	7.1	1/1/2024	25.56	169	Yes	Active	Inactive	Inactive	Inactive
Smith, Jane	1/1/1972	7.8	1/1/2024	32.26	204	No	Inactive	Active	Inactive	Inactive
Smith, Jane	1/1/1973	8.3	1/1/2023	34.76	231	Yes	Inactive	Inactive	Active	Active
Smith, Jane	1/1/1974	6.6	1/1/2023	41.5	273	No	Active	Inactive	Inactive	Inactive
Smith, Jane	1/1/1975	7.6	1/1/2024	39.9	251	No	Inactive	Active	Inactive	Inactive
Smith, Jane	1/1/1976	8.1	1/1/2024	42.34	286	Yes	Inactive	Inactive	Inactive	Inactive

## Patient List

- Possible overdue care alerts
- Improved filter layout
- Updated columns

### Care Lists ?

Based on claims and clinical data from BCBSM, BCBSM MA, BCN, and BCN-A  
 Claims data (1-1-2018 - 1/31/2024); Clinical data (1/1/2020 - 1/31/2024)

Print Report



#### Patients with an A1C $\geq$ 8.0%

Name	DOB	A1C	A1C Date
Smith, Jane	1/1/1970	8.2	1/1/2023
Smith, Jane	1/1/1971	8.1	1/1/2024
Smith, Jane	1/1/1972	8.8	1/1/2024
Smith, Jane	1/1/1973	8.3	1/1/2023
Smith, Jane	1/1/1974	8.6	1/1/2023
Smith, Jane	1/1/1975	8.6	1/1/2024
Smith, Jane	1/1/1976	8.1	1/1/2024

This list includes patients with a reported A1C value over 8.0% in the last 6 months.

#### Patients with possible overdue retinopathy screening

Name	DOB	Retinopathy Screen Date
Smith, Jane	1/1/1970	1/1/2023
Smith, Jane	1/1/1971	1/1/2024
Smith, Jane	1/1/1972	1/1/2024
Smith, Jane	1/1/1973	1/1/2023
Smith, Jane	1/1/1974	1/1/2023
Smith, Jane	1/1/1975	1/1/2024
Smith, Jane	1/1/1976	1/1/2024

This list includes patients with a reported A1C value over 8.0% in the last 6 months.

#### Patients who may benefit from a CGM

Name	DOB	Insulin Status	Pharmacy Coverage
Smith, Jane	1/1/1970	In-Active	No
Smith, Jane	1/1/1971	Active	Yes
Smith, Jane	1/1/1972	Active	No
Smith, Jane	1/1/1973	In-Active	Yes
Smith, Jane	1/1/1974	Active	Yes
Smith, Jane	1/1/1975	In-Active	Yes
Smith, Jane	1/1/1976	In-Active	Yes

This list includes patients with a reported A1C value over 8.0% in the last 6 months.

#### Patients who may benefit from an SGLT2i

Name	DOB	A1C	BMI
Smith, Jane	1/1/1970	6.2	25.56
Smith, Jane	1/1/1971	7.1	32.67
Smith, Jane	1/1/1972	7.8	41.07
Smith, Jane	1/1/1973	8.3	33.36
Smith, Jane	1/1/1974	6.6	44.01
Smith, Jane	1/1/1975	7.6	37.74
Smith, Jane	1/1/1976	8.1	28.73

This list includes patients with a reported A1C value over 8.0% in the last 6 months.

### My Follow-up Lists

Select list +

#### Patients added from the Patient List

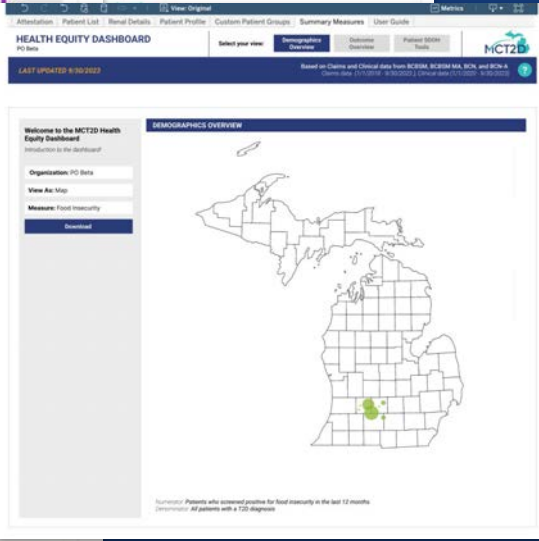
Name	DOB	A1C	A1C Date	SGLT2i Date	GLP-1RA Date	CGM Date
Smith, Jane	1/1/1970	8.2	1/1/2023	1/1/2023	1/1/2023	1/1/2023
Smith, Jane	1/1/1971	8.1	1/1/2024	1/1/2024	1/1/2024	1/1/2024
Smith, Jane	1/1/1972	8.8	1/1/2024	1/1/2024	1/1/2024	1/1/2024
Smith, Jane	1/1/1973	8.3	1/1/2023	1/1/2023	1/1/2023	1/1/2023
Smith, Jane	1/1/1974	8.6	1/1/2023	1/1/2023	1/1/2023	1/1/2023
Smith, Jane	1/1/1975	8.6	1/1/2024	1/1/2024	1/1/2024	1/1/2024
Smith, Jane	1/1/1976	8.1	1/1/2024	1/1/2024	1/1/2024	1/1/2024

# DASHBOARD 2.2 ENHANCEMENTS

## Follow Up Care Lists

- Pre-filtered lists of patients based on key metrics
- Update based on available data
- Easy to download

# FUTURE DASHBOARD ENHANCEMENTS



## Social Determinants of Health

- Part of a broader health equity dashboard enhancement
- Focused on making available SDOH and demographics data as actionable as possible



# Data Quality Work

# Challenges

1. Completeness of lab reporting
2. Identification of of lab reporting LOINC Codes and CPT Codes
3. Practice Identification numbers
4. Non-incentivized data field reporting
5. Units on weight

# Partnering to Improve



## Dashboard Users

- Reaching out to MCT2D when you notice something that is missing or incorrect.
- Showing your support for the Patient Data Dashboard to your Physician Organization.
- Suggesting way that MCT2D can improve the Patient Data Dashboard.

## Physician Organizations

- Submitting relevant data even if not required by HEDIS.
- Ensuring internal verification processes are in place for EMR data input.
- Sharing the LOINC and CPT codes that are submitted along with data.



# Data Quality Enhancements

- **Endocrinologist Attribution**

- Inclusion of endocrinologists in the patient data dashboard.



**Q1 - 2025**

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- **Reduce Claims and Clinical Data Lag**



**Q1/Q2 - 2024**

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- **PDCM Eligibility**

- Flag for if a patient has a PDCM benefit



**Q4 - 2024**

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- **Incorporate Weight Unit of Measure**



**Q4 - 2025**



# Getting Access to the Dashboard

## PO Resources

### MCT2D Overview

This one-page document gives a high level introduction to MCT2D. This would be a good document to share with people when introducing MCT2D for the first time.

### Clinical Champion Requirements

This one-pager gives a high level overview of the clinical champion role. The video at the following link provides additional details:  
[https://www.youtube.com/watch?v=\\_9UjzNJ5HQw](https://www.youtube.com/watch?v=_9UjzNJ5HQw)

### MDC User Access Request

This is the form that needs to be submitted to get a user access to the MDC Patient Data Dashboard. This needs to be submitted by an Acknowledger at the PO. The completed form should be emailed to [mdc-accounts@med.umich.edu](mailto:mdc-accounts@med.umich.edu)

### Roles and Responsibilities- PO Level

This document gives a brief overview of the PO Admin Lead, PO Clinical Champion, and PO Data Contact roles and the responsibilities associated with these roles. PO Primary Contacts are not a specific role within the CQI, but receive all the same communications that PO Admin Leads do.

### Roles and Responsibilities- Practice Level

This document gives an overview of what practice roles exist within MCT2D- the practice clinical champion, practice liaison, and participating physician, as well as the associated responsibilities and time commitment for each of these roles.

### Roles and Responsibilities- Physician Level

This document gives an overview of what individual physicians are expected to do as part of their participation within MCT2D.

If you do not have access to the admin portal to download the form, either ask your PO clinical champion or email MCT2D.



# Sending It To MDC

1. The PO Acknowledger must be the person to send the completed form to MDC.
  - a. If you have access to the Admin Portal, you can lookup who your PO's acknowledger's are. The role is call "Your PO's Name - Acknowledger"
    - i. For Example: "Michigan Medicine - Acknowledger"
  - b. If you do not have access to the admin portal, ask you PO clinical champion, they will know.
  
2. Your PO Acknowledger will email the completed form to:  
mdc-accounts@med.umich.edu

**Thank You!**

**Questions?**

