# Table of Contents

- Introduction .......................................................................................................................... 2
- CMS Disclaimer ..................................................................................................................... 3
- How to Access MiDR™ ........................................................................................................ 4
  - How to Request MiDR™ Access through Allscripts Professional ........................................ 4
  - How to Request MiDR™ Access through MIlogin ................................................................. 5
- How to Create a Profile .......................................................................................................... 7
  - Medical User ....................................................................................................................... 7
  - Dental User ......................................................................................................................... 10
    - Guide A .............................................................................................................................. 10
    - Guide B .............................................................................................................................. 14
- How to Use MiDR™ .............................................................................................................. 17
  - Medical User ....................................................................................................................... 17
  - Dental User ......................................................................................................................... 22
- MiDR™ as a Specialized Registry .......................................................................................... 26
  - 5 Step Process to Submit Data to Michigan’s Dental Registry .............................................. 27
    - Primary Care Provider Required Data Elements ............................................................... 29
    - Dental Provider Required Data Elements ......................................................................... 30
- Resources ............................................................................................................................... 32
- Contact Us ............................................................................................................................ 33
Introduction

Tooth decay is the most common chronic disease impacting children today\(^1\). With a growing understanding of the link between oral health and systemic health, the need for innovative approaches to enable providers to optimize quality of care and help address this disease burden is growing. In 2016, Altarum launched a first-of-its-kind statewide oral health monitoring system, *Michigan’s Dental Registry (MiDR\(^{™}\))*, aimed at transforming the way medical and dental providers communicate regarding their patients’ oral health. MiDR\(^{™}\) is a web-based application that increases communication and transparency among the patient’s care team, allowing for better coordination in patient treatment and referrals across the medical and dental settings, positively impacting the quality of oral health care provided, and increasing early prevention among young patients.

Medical and dental providers want to provide the best quality care possible for their patients, yet to date, coordinating care across these settings has had its own unique barriers. MiDR\(^{™}\) was born out of the need to establish a mode of communication between health care providers that takes into account the significantly different technology environments of each setting. Through it, providers can document preventive oral health services provided, insert notes for the dentist to review, and place referrals directly to dentists who accept patients with Healthy Kids Dental coverage. Referrals are transmitted via fax to the dental office, and the dental office can then look up the patient record directly and update it as needed.

This new tool can also help providers engage in federal incentive programs. In early 2016, MiDR\(^{™}\) was classified by the Centers for Medicare and Medicaid Services (CMS) as a Meaningful Use Specialized Registry. MiDR\(^{™}\) houses valuable information related to a child’s access to and utilization of preventive oral health services in both the medical and dental environments, and currently there are more than 1,500 physicians and dentists that have attested to using the system. Data collected by the tool is submitted to the State of Michigan creating a valid, reportable data system for monitoring access to pediatric oral health services, and overall dental caries rates.

Care coordination is a key component to effectively improving oral health behaviors and reducing the burden of oral health disease in children. As primary care providers become more involved in the provision of preventive oral health services, counseling patients and identifying behavior risks, and referring patients to appropriate dental care, supporting communication between these providers will play a significant role in reducing duplicative care and improving quality of care.

MiDR\(^{™}\) is available today on the State of Michigan’s Single Sign On (MilLogon) & Allscripts Professional EHR. Sign up today and use MiDR\(^{™}\) to:

1. **Document and track preventive oral health services and treatment**
   - Fluoride Varnish
   - Oral Screening Clinical Findings and Notes
   - Dental Treatment

2. **Submit a referral to a Medicaid/Healthy Kids Dental-accepting dentist**
   - Search for a dentist using a distance- or match-based search
   - Review information about each dentist, including their hours of operation, languages spoken, and if they’re accepting new patients
   - Submit a referral directly to the dentist through MiDR\(^{™}\)

---

CMS Disclaimer
The project described was supported by Grant Number 1C1CMS331321 from the Department of Health and Human Services, Centers for Medicare & Medicaid Services.

The contents of this publication are solely the responsibility of the authors and do not necessarily represent the official views of the U.S. Department of Health and Human Services or any of its agencies.
How to Access MiDR℠

How to Request MiDR℠ Access through Allscripts Professional

Contact us at MiDR@altarum.org for Allscripts client activation. Please make sure to include the following information in your request:

- Allscripts Client Account Number
- Allscripts Client Account Name
- Client Product
How to Request MiDR℠ Access through MILogin

1. Select Request Access from the MILogin page.

2. Search for “MiDR” under Step 1
3. Click “MiDR Federation” under Step 2 and click Request Access.

4. You should now have ‘MiDR_Federation’ listed under “Access your applications”. To launch the tool, click the hyperlink MiDR_Federation from the MILogin page.

5. To access MiDR℠ in the future, you can launch the tool from either the MILogin portal, or by going to www.MichigansDentalRegistry.org. It may be helpful to bookmark or save this page in your browser.
How to Create a Profile
Medical User

Please follow the instructions below to make an account to access the Medical MiDR℠ application.

1. Click on “Get Started”

2. Select Medical from the drop down menu
3. Select a role from the drop down menu.

4. Fill in the fields that appear.

5. Press submit.
6. Review the user agreement and select “Agree.”
Dental User

Please follow the instructions below after requesting access to MiDR℠ from MIlogin, have opened the tool, and are ready make an account to access the Dental MiDR℠ application.

**Guide A:** Follow these instructions if you have received a referral letter from MiDR℠.

**Guide B:** Follow these instructions if you have not received a referral letter – or don’t have it available at the moment – and would like to make a MiDR℠ account.

**Guide A**

1. Click on “Get Started”

2. Select Dental from the drop down menu
3. If you received a referral letter and have the referral ID available, select yes. If not, refer to Guide B for instructions on how to make a profile.

4. Enter the 6-digit referral ID and press submit.

5. MiDR℠ will pull up the dentist listed on the referral.

6. If you are the dentist listed, select yes. If not, select no and skip forward to step 10.
7. Select your role, and review the profile information for accuracy.

8. Press submit.
9. Review the user agreement and press “Agree.”

10. [Cont’d from Step 6] Fill in the fields that appear.

11. Press submit.
12. Review the User Agreement and press “Agree.”

Guide B

1. Click on “Get Started”

2. Select “Dental” from the ‘Select Care Type’ drop down menu
3. If you do not have a referral ID available, select no. If you do, refer to Guide A on how you can use your referral ID to make an account.

4. Fill in the fields that appear.

5. Press submit.
6. Review the User Agreement and press “Agree.”
How to Use MiDR℠

Medical User

Please use the instructions below to look up and update a patient record.

1. Launch MiDR and select your clinic.
2. Insert the patient’s Medicaid ID and click Search.

3b. If the patient record has not been added to MiDR℠ previously, you will be prompted to enter the patient information. Select Add Patient to enable to Add Patient function. Otherwise, skip forward to step 5.

4b. Enter the patient’s demographic data as it appears on the patient record and click Save.
6. Update the treatment update section per the patient’s record and click Save. Not all fields have to be filled in to update the record.

7. The Dentist Referral section is not dependent on updating the Treatment Update section.
   a. A Reason for Referral is required.
   b. MiDR offers a distance-based and match-based dentist search within the Healthy Kids Dental dentist network of Michigan.
8. Click on the Info icon to access more details about each provider.

9. In order to submit the referral:
   c. Click the Check button to the right of the provider.
   d. Click on Send Referral
   e. Choose between the Print PDF or Send Fax options to submit the referral.
10. The Treatment Information panel tracks all treatment provided to the patient, regardless of provider. This is a centralized database of the patient’s oral health services.
Dental User

Please use the instructions below to look up and update a patient record.

1. Launch MiDR℠ and select your clinic.

2. Insert a Referral ID or Medicaid ID and click Search.

2b. If the patient record has not been added to MiDR℠ previously, you will be prompted to enter the patient information. Select Add Patient to enable to Add Patient function. Otherwise, skip forward to step 3.

3b. Enter the patient’s demographic data as it appears on the patient record and click Save.
4. Update the Treatment Update section per the patient’s record and click Save. Dental Treatment is required in order to save.

5. The Dentist Referral section is not dependent on updating the Treatment Update section, and can be used to submit referrals to dental specialties, such as Pediatric Dentists or Oral Surgeons.
   f. A Reason for Referral is required.
   g. MiDRSM offers a distance-based and match-based dentist search within the Healthy Kids Dental dentist network of Michigan.
6. Click on the Info icon to view more details about each provider, such as hours of operation, languages spoken, and if they're accepting new patients.

7. In order to submit the referral:
   h. Click the Check button to the right of the provider.
   i. Click on Send Referral
   j. Choose between the Print PDF or Send Fax options to submit the referral.
8. The Treatment Information panel tracks all treatment provided to the patient, regardless of provider. This is a centralized database of the patient’s oral health services and referrals made for this patient.
MiDR℠ as a Specialized Registry

Eligible professionals enrolled in the Medicare and Medicaid EHR Incentive Program may elect to report pediatric oral health information to the Michigan’s Dental Registry (MiDR℠), fulfilling the Specialized Registry Measure. Hospitals are not eligible at this time to select pediatric oral health reporting as a specialized registry measure.

Why Support Electronic Pediatric Oral Health Reporting?

One million children in the State of Michigan are insured through Medicaid. In some areas throughout the State, almost 80% of those children did not visit the dentist during the year. Through the use of Michigan’s Dental Registry (MiDR℠), the State of Michigan can effectively increase access among the proportion of Medicaid recipients who are in need of preventive dental services by connecting them with the appropriate care in both the medical and dental setting. The Michigan’s Dental Registry’s intent is to create valid, reportable data that the State of Michigan can utilize to monitor pediatric oral health processes and outcomes at an aggregate level. The purpose of utilizing the pediatric oral health data is to assess the current condition of oral health within the State and address unmet needs within the population. This data will also allow for better coordination around patient treatment in the medical and dental setting, positively impacting the care provided to Medicaid-insured children.

More information can be found at http://MITeeth.org/.

Meaningful Use Registration Test with the Michigan’s Dental Registry

Eligible professionals who meet the criteria for selecting pediatric oral health reporting as the Specialized Registry Measure must complete a registration to submit information within 60 days of the start of the meaningful use reporting period. Eligible professionals include: Physicians (Doctor of Medicine and Doctor of Osteopathy), Dentists, Nurse Practitioners, and Physician Assistants who treat patients under the age of 18.

Instructions for completing the registration: Electronically register you and/or your practice with the State of Michigan Health System Testing Repository site (HSTR) at https://mimu.michiganhealthit.org/.

Once the registration is completed, an e-mail will be sent with instructions on next steps to comply with meaningful use active engagement requirements.
5 Step Process to Submit Data to Michigan's Dental Registry

1. Learn about Reporting Requirements

The American Academy of Pediatrics and the American Academy of Pediatric Dentistry recommend fluoride varnish application, in the primary care or dental office, upon tooth eruption and every 3-6 months until the age of 3. They also recommend an oral screening starting at age 6 months and then at every well child visit thereafter. Reporting oral health care to Michigan’s Dental Registry meets the public health objective specialized registry measure.

To learn more about reporting requirements for MiDR℠, review the details here: https://michiganhealthit.org/public-health/michigan-dental-registry-for-healthcare-professionals/

2. Register Intent for Ongoing Submission

Registration of intent to initiate ongoing submissions of MiDR℠ reports is required within 60 days of the start of the Meaningful Use reporting period.

- Electronically register you and/or your practice with the State of Michigan Health System Testing Repository site (HSTR) at https://mimu.michiganhealthit.org/.

3. Test and Validate for Quality Assurance

Testing and validation is required to ensure that complete and accurate oral health care information has been entered into the EHR. Testing is required to verify that oral health care information is formatted in accordance with the certification and standard requirements. In addition it verifies that the oral health case reports contain the information needed for oral health surveillance activities (Data Quality Assurance).
Testing and Validation Steps

1. Electronically register you and/or your practice with the State of Michigan Health System Testing Repository site (HSTR) at [https://mimu.michiganhealthit.org/](https://mimu.michiganhealthit.org/).

   At this point in the process, eligible providers may request a letter acknowledging their status for Meaningful Use attestation and auditing purposes.

2. Respond to the invitation to enroll in the Michigan Caries Prevention Program CME/MOC Technical Assistance Program ([http://www.MITeeth.org/training.html](http://www.MITeeth.org/training.html)) training providers to implement preventive oral health services during well-child visits.¹

3. Validate that the electronic report meets the required format for processing by adhering to the implementation guide. This step requires your EHR vendor or your facility to generate test reports.
   a. Once you are ready to submit the test report, a MiDR℠ onboarding team member will provide you with a login to the Altarum File Transfer server.
   b. After submission of the test report, the MiDR℠ onboarding team will provide feedback on the quality of the test reports.
   c. Continue to send test reports until they meet the required format and structure.

4. Validate the required oral health care information is being entered into the 2014 or 2015 certified EHR during the patient visits. This step requires your facility to become familiar with the oral health care information needed to create a complete oral health case report.
   a. Enter the required oral health care information into the EHR. Listed below are the required data elements for oral health reporting.
      i. Fluoride Varnish
      ii. Oral Screening
   b. Continue to send ongoing tests (per step 3 above) until approved to send to the registry for processing.

¹ This program is applicable to all primary care providers, who are required to respond to the invitation (with or without interest). Participation is not required as part of the specialized registry data submission.

4  Establish a Transport Method

Reporting can occur electronically via FTP server, or a zipped file sent with encryption and password protection.

5  Send Production Reports and Monitor Data Quality

Once the connection is made with the facility and MiDR℠, oral health care reports should be generated routinely from the certified EHR and sent to the Michigan Dental Registry.

- Monitor the transport feed to ensure oral health reports continue to be sent.
- Keep record of the confirmation letter stating your meaningful use active engagement status.
- Contact [MiDR@altarum.org](mailto:MiDR@altarum.org) with questions.
**Primary Care Provider Required Data Elements**

Listed below are the oral health data elements required to be in compliance with this specialized registry reporting requirements. Accepted data formats include Excel or CSV.

---

### MiDR℠ - Oral Health Care Exchange Specification

- **Date of Revision:** 11/07/2016
- **File Format:** CSV or Excel
- **Required Fields:** "R" = Required, "R2" = Required if known, "O" = Optional

<table>
<thead>
<tr>
<th>Field</th>
<th>Field Name</th>
<th>Required</th>
<th>Field Definition</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Version of Specification</td>
<td>R</td>
<td>CHAR(5)</td>
<td>Acceptable Values: &quot;v1&quot;</td>
</tr>
<tr>
<td>2</td>
<td>Clinic Name</td>
<td>R</td>
<td>CHAR(50)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Clinic OID</td>
<td>R2</td>
<td>OID</td>
<td>Facility Organization ID</td>
</tr>
<tr>
<td>4</td>
<td>Clinic Zip Code</td>
<td>R</td>
<td>CHAR(14)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Start of reporting period</td>
<td>R</td>
<td>DATE</td>
<td>YYYY-MM-DD</td>
</tr>
<tr>
<td>6</td>
<td>End of reporting period</td>
<td>R</td>
<td>DATE</td>
<td>YYYY-MM-DD</td>
</tr>
<tr>
<td>7</td>
<td>Patient encounters (denominator)</td>
<td>R</td>
<td>CHAR(4)</td>
<td>well child visits under age 3 - ICD-10 (z.00.129)</td>
</tr>
<tr>
<td>8</td>
<td>Fluoride varnish procedure count</td>
<td>R2</td>
<td>CHAR(4)</td>
<td>Procedure code 99188</td>
</tr>
<tr>
<td>9</td>
<td>Oral screening procedure count</td>
<td>R2</td>
<td>CHAR(4)</td>
<td>Procedure code D0190</td>
</tr>
</tbody>
</table>
Dental Provider Required Data Elements

Listed below are the oral health data elements required to be in compliance with this specialized registry reporting requirements. Accepted data formats include Excel or CSV.

Measures included are designed by the Dental Quality Alliance (DQA) to improve quality of care. Clinics are not required to report on all measures, these are meant as a guide. At least one measure should be included in any reported data. Details about each measure can be found here: http://www.ada.org/~/media/ADA/Science%20and%20Research/Files/DQA_2016_Practice_Level_Measures_for_Quality_Improvement.pdf?la=en

<table>
<thead>
<tr>
<th>Field</th>
<th>Field Name</th>
<th>Required</th>
<th>Field Definition</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Version of Specification</td>
<td>R</td>
<td>CHAR(5)</td>
<td>Acceptable Values: &quot;v1&quot;</td>
</tr>
<tr>
<td>2</td>
<td>Clinic Name</td>
<td>R</td>
<td>CHAR(50)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Clinic OID</td>
<td>R2</td>
<td>OID</td>
<td>Facility Organization ID</td>
</tr>
<tr>
<td>4</td>
<td>Clinic Zip Code</td>
<td>R</td>
<td>CHAR(14)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Start of reporting period</td>
<td>R</td>
<td>DATE</td>
<td>YYYY-MM-DD</td>
</tr>
<tr>
<td>6</td>
<td>End of reporting period</td>
<td>R</td>
<td>DATE</td>
<td>YYYY-MM-DD</td>
</tr>
<tr>
<td>7</td>
<td>Selected Measures</td>
<td>R</td>
<td>CHAR(11)</td>
<td>List each measure being reported (i.e., 1,2,3)</td>
</tr>
</tbody>
</table>

Measure 1: Caries at Recall

8 Denominator | O | CHAR(5) | Unduplicated number of all children under age 21 years with an oral evaluation during the measurement month

9 Numerator | O | CHAR(5) | Unduplicated number of children who were diagnosed with carious lesions

Measure 2: Caries Risk Assessment Documentation

10 Denominator | O | CHAR(5) | Unduplicated number of all children under age 21 years with an oral evaluation or assessment during the measurement month

11 Numerator | O | CHAR(5) | Unduplicated number of children with caries risk documented

Measure 3: Sealants, 6-9 Yrs

MiDR℠ - Oral Health Care Exchange Specification

Date of Revision: 11/07/2016

File Format: CSV or Excel

Required Fields: "R" = Required, "R2" = Required if known, "O" = Optional
<table>
<thead>
<tr>
<th></th>
<th>Denominator</th>
<th>O</th>
<th>CHAR(5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Denominator</td>
<td>O</td>
<td>CHAR(5)</td>
</tr>
<tr>
<td></td>
<td>Unduplicated number of children 6-9 years who had an oral assessment or evaluation visit and are at moderate to high risk for caries (exception: Children 6–9 years who do not have at least one sealable permanent first molar)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Numerator</td>
<td>O</td>
<td>CHAR(5)</td>
</tr>
<tr>
<td></td>
<td>Unduplicated number of children 6–9 years who received a sealant on a permanent first molar tooth within six months of an oral evaluation or assessment</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Measure 4: Sealants, 10-14 Yrs**

<table>
<thead>
<tr>
<th></th>
<th>Denominator</th>
<th>O</th>
<th>CHAR(5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>Denominator</td>
<td>O</td>
<td>CHAR(5)</td>
</tr>
<tr>
<td></td>
<td>Unduplicated number of children 10–14 years who had an oral assessment or evaluation visit and are at moderate to high risk for caries (exception: Children 10–14 years who do not have at least one sealable permanent second molar)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Numerator</td>
<td>O</td>
<td>CHAR(5)</td>
</tr>
<tr>
<td></td>
<td>Unduplicated number of children 10–14 years who received a sealant on a permanent second molar tooth within six months of an oral evaluation or assessment</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Measure 5: Topical Fluoride Application**

<table>
<thead>
<tr>
<th></th>
<th>Denominator</th>
<th>O</th>
<th>CHAR(5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>Denominator</td>
<td>O</td>
<td>CHAR(5)</td>
</tr>
<tr>
<td></td>
<td>Unduplicated number of all children aged 1–21 years who received an oral assessment or evaluation during the measurement month and have not received two fluoride varnish applications prior to the measurement month</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Numerator</td>
<td>O</td>
<td>CHAR(5)</td>
</tr>
<tr>
<td></td>
<td>Unduplicated number of all children who received fluoride varnish</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Measure 6: Follow-up After Well-Child Visit**

<table>
<thead>
<tr>
<th></th>
<th>Denominator</th>
<th>O</th>
<th>CHAR(5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>Denominator</td>
<td>O</td>
<td>CHAR(5)</td>
</tr>
<tr>
<td></td>
<td>Unduplicated number of all children aged 1–5 years without a dental home who received a well child visit in the third month prior to the measurement month</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Numerator</td>
<td>O</td>
<td>CHAR(5)</td>
</tr>
<tr>
<td></td>
<td>Unduplicated number of all children who had a follow-up oral evaluation within 3 months</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Resources

- Michigan Caries Prevention Program (MCPP) | www.MITeeth.org
- MCPP Technical Assistance Program | www.MITeeth.org/training.html
- SmileConnect® | www.smileconnect.org
- Delta Dental Healthy Kids Dental Program | http://www.michigan.gov/mdhhs/0,5885,7-339-71547_2943_4845_77918--.,00.html
- Information about Meaningful Use: https://www.healthit.gov/providers-professionals/meaningful-use-definition-objectives
Contact Us

Contact us for help getting your practice signed up, or if you’re interested in learning more about MiDR℠ and how we can partner with your organization to roll it out in your area.

- Email MiDR@altarum.org
- Call 1-844-464-8338