Michigan Caries Prevention Program

an Altarum Institute Program

Michigan Oral Health Coalition Annual Meeting
June 1, 2017

Constanza I. Fox, MD, FAAP, Fox Pediatrics &
Shelly Hathaway, LPN, B.S., Altarum Institute
This overview of “Reducing the Burden of Childhood Dental Disease in Michigan” describes an Altarum Institute project 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.
Agenda

- Altarum Institute Overview
- Michigan Caries Prevention Program
  - Why Children’s Oral Health
  - Technical Assistance for Primary Care
  - IT Solution for Integrating Medical & Dental
    - Michigan’s Dental Registry℠ Demo
- Questions & Next Steps
Altarum Institute Overview

- A Michigan company since 1946
- Deep connections to the University of Michigan College of Engineering, Medical School and School of Public Health
- Nonprofit, focused solely on health and healthcare, headquartered in Ann Arbor
- Today, we balance “think-tank” work for the Federal government with direct interventions to improve health and healthcare
High-level aims: Sustained, system-wide improvement

1. Increase the proportion of low-income children who receive preventive dental services
2. Reduce the proportion of low-income children experiencing tooth decay
3. Reduce the total cost of oral health care among the target population
MCPP: The Partners

- Altarum Institute
- Delta Dental
- School of Dentistry, University of Michigan
- Michigan Department of Health and Human Services
- Michigan Caries Prevention Program
Why Children’s Oral Health?

TOOTH DECAY affects U.S. children more than any other chronic infectious disease.

It is more common than asthma yet largely preventable.

60% of Medicaid eligible children in Michigan did not receive any dental care in 2013.

Young children will often see their physician 8 times before seeing a dentist.

As many as 17 MILLION CHILDREN go WITHOUT dental care each year in the U.S.

A national survey found that roughly 1 in 7 children ages 6 to 12 had suffered a TOOTHACHE in the previous 6 months.

Michigan CARIES PREVENTION PROGRAM
Identifying children in need of care
Delivering improved oral health screening tools, technical assistance, and training to providers.

Promoting evidence-based preventive care
Providing continuing medical education to primary care providers and dentists to improve access to preventive oral health services.

Linking children to appropriate care providers
Developing a public health tool (MiDR) that allows physicians to refer patients to the appropriate dental care provider.

Managing and monitoring care
Developing a statewide quality monitoring system that will allow the State to monitor the program’s impact on health.
MCPP: Innovation

September 2014

Technical assistance and training to primary care providers to prepare them to meet the oral health needs of their patients

August 2017

Online portal connecting dental services and resources to children

IT solution integrating medical and dental care
Technical Assistance

Training and Technical Assistance
Direct-to-provider, 1 hour session, including all clinical support staff

Streamlined Smiles for Life
Training activity grants certification

30 CME and 20-25 MOC Part IV Credits
Joint-providership activity with the University of Michigan Medical School and Health System

Michigan CARIES PREVENTION PROGRAM
Our Results: Transformative Change

1,550 Medical Providers Trained
30-50 CME and 20-25 MOC Part IV Credit Activity

500,000 Patients Impacted
Children Receiving Early Preventive Services

1,500 Attested Med-Dent Users
Innovative Technology & Quality Monitoring

Well-Child Visit Preventive Oral Health Services

<table>
<thead>
<tr>
<th>Service</th>
<th>Baseline</th>
<th>Month 3</th>
<th>Months 5-6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral Health Screenings</td>
<td>12%</td>
<td>84%</td>
<td>92%</td>
</tr>
<tr>
<td>Fluoride Varnish Applications</td>
<td>4%</td>
<td>62%</td>
<td>73%</td>
</tr>
<tr>
<td>Dental Home Recommendations/Referrals</td>
<td>7%</td>
<td>52%</td>
<td>84%</td>
</tr>
</tbody>
</table>

Michigan CARIERS PREVENTION PROGRAM
Our Results: Increasing Utilization

Preventive Oral Health Procedures (under 3)

- Oral Screens (D0190)
- Fluoride Varnish (D1206 & 99188)

Medicaid claims data confirms a significant increase in FV rates in medical setting. Currently working to integrate with dental claims for complete picture.

451% increase from baseline!
Dr. Fox

Fox Pediatrics, Mt. Pleasant, MI
- My personal interest in children’s oral health
My experience with MCPP
Questions for Dr. Fox
First-of-Its-Kind Enabling Technology for Oral Health

Michigan’s Dental Registry℠ (MiDR℠)

Approved as a CMS Meaningful Use Specialized Registry
Over 1,500 providers attested to use the Specialized Registry
Successfully integrated with the State of Michigan Single Sign On and Allscripts Professional
Easily integrated w/most EHRs
Developed a web service with Delta Dental to access HKD dentist database
Launched November 2016
Already this tool has had over 1,000 patient records updated, and 240 dental referrals placed
1 Clinical Tool

- A **web-based platform** that helps primary care providers manage preventive oral health services and refer and communicate about patients with their dentist.
- Partnered with Delta Dental of Michigan to offer a dentist search within the Healthy Kids Dental network of Michigan.

- **Access Points:** Allscripts Professional, MILogin

2 Meaningful Use Specialized Registry

- A **registry** used to monitor and assess the current condition of oral health within the state and identify and address unmet needs within the population.
- Main data elements:
  - Fluoride Varnish
  - Oral Screenings
  - Dental Decay
MiDR℠: Clinical Tool

Available on MILogin & Allscripts Professional!

Users

- Primary care providers
- Dentists

Functionality

- Document preventive oral health services delivered
- Enable care coordination between medical and dental provider
- Facilitate dental referral
- Track referral completion

Find more information at www.MichigansDentalRegistry.org
MiDR℠ Demo

www.MichigansDentalRegistry.org

Click for Tutorial Video
Access MiDR℠ via MILogin

Step 1: Log in to your MILogin Account
Step 2: Click Request Access
Create a Dentist Profile on MiDR℠

Step 1: Select Care type “Dental”
Step 2: Do you have a Referral ID? Select “No” and create your clinic profile
### Patient Search

**Enter Search ID**
- Medicaid ID
- Referral ID

### My Patients

<table>
<thead>
<tr>
<th>Patient Name</th>
<th>Date of Birth</th>
<th>Remove</th>
</tr>
</thead>
<tbody>
<tr>
<td>Halpert, Cici</td>
<td>05/21/2015</td>
<td></td>
</tr>
<tr>
<td>Kapoor, Kelly</td>
<td>01/12/2015</td>
<td></td>
</tr>
<tr>
<td>Grunwald, Sheryl</td>
<td>09/09/2015</td>
<td></td>
</tr>
<tr>
<td>Pierson, Francis</td>
<td>11/24/2015</td>
<td></td>
</tr>
<tr>
<td>Gokey, Mike</td>
<td>09/22/2015</td>
<td></td>
</tr>
</tbody>
</table>

***Log off***
Smith, Karen

Date of Birth: 10/11/2011  Sex: F  Insurance ID: 12121212

Address: Data Unavailable  Phone Number: (734) 555-5555  Special Needs: Yes

Add to My Patients

Treatment Update 01-31-2017

- Fluoride Varnish
  - Apply Fluoride Varnish
  - Patient Declined
  - Not Indicated

Oral Screening
  - Select Clinical Findings
  - Selected Clinical Findings
  - Insert Oral Screening Notes

Dental Treatment
  - Select Treatment Provided
  - Selected Treatment Type
  - Insert Notes

Treatment Information

Clear  Save
Dear Dr. Jiang,

I am referring a pediatric patient to you for evaluation and treatment. We referred this patient to you via Michigan’s Dental Registry (MiDR), a pediatric oral health registry focused on increasing preventive oral health access for children in Michigan.

Due to confidentiality concerns, we invite you to visit the MiDR application to view detailed information about this patient.

Using the Referral ID, you can search for and access information on the referred patient, review what preventive care was provided in my office, and communicate back to me to ensure care coordination to improve our patient’s oral health.

Referral ID: 100313

If you have any questions or need assistance with accessing or using MiDR, please call 1-844-4-MiTeeth (1-844-464-8338) or send an email to MiDR@Alitarum.org.

Thank you,

Medical Doctor

What is MiDR:

MiDR is a product of a statewide partnership between Altarum Institute, Delta Dental of Michigan, Michigan Department of Health and Human Services, and the University of Michigan School of Dentistry. It is a public health system used to refer patients to dental providers, in an effort to establish a dental home early on in a patient’s life. By using the referral ID included above, you can access this patient’s existing oral health record, including relevant notes from the provider about the patient’s potential risk behaviors and oral health needs.

Sign up for MiDR:

You can access MiDR via the State of Michigan’s Single Sign On at www.MiLogin.Michigan.gov. For details on how to become a MiDR user, visit www.MiTeeth.org/MiDR.html.

This referral was sent via Michigan’s Dental Registry

Improving children’s oral health one dental home at a time.

www.MichigansDentalRegistry.org
Classen, Bryan

Date of Birth: 01/01/2017  Sex: M  Phone Number: (908) 098-0980  Insurance ID: 8648394737

Address: Data Unavailable  Special Needs: Yes

Referral ID: 100313

Referring Provider
- Name: Medical Doctor
- Speciality: Data Unavailable
- Phone Number: (888) 828-7783 x 889
- Fax Number: (888) 272-7828
- Reason for Referral: Preventive Care

Latest Treatment Provided

<table>
<thead>
<tr>
<th>Service</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluoride Varnish</td>
<td>Patient Declined</td>
</tr>
<tr>
<td>Treatment Date</td>
<td>01/31/2017</td>
</tr>
<tr>
<td>Oral Screening</td>
<td>Restorations (Fillings) Present; Visible Plaque Accumulation</td>
</tr>
<tr>
<td>Treatment Date</td>
<td>01/31/2017</td>
</tr>
<tr>
<td>Notes</td>
<td>No notes entered.</td>
</tr>
<tr>
<td>Dental Treatment</td>
<td>Restorative Care; Diagnostic Care</td>
</tr>
<tr>
<td>Treatment Date</td>
<td>01/31/2017</td>
</tr>
<tr>
<td>Notes</td>
<td>Encouraged patient to brush 2x/day</td>
</tr>
</tbody>
</table>
Treatment Update: 01-31-2017

Fluoride Varnish: [ ] Apply Fluoride Varnish [ ] Patient Declined [ ] Not Indicated

Oral Screening:
- Select Clinical Findings
- Restorations (Fillings) Present [x] Visible Plaque Accumulation [x]
- Insert Oral Screening Notes

Dental Treatment:
- Select Treatment Provided
  - [ ] Preventive Care
  - [ ] Restorative Care
  - [ ] Diagnostic Care
  - [ ] Other

Clear  Save
<table>
<thead>
<tr>
<th>Treatment Date</th>
<th>Ordered By</th>
<th>Treatment Type</th>
<th>Details</th>
<th>Notes</th>
<th>Attachments</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/31/2017</td>
<td>Dental Doctor</td>
<td>Dental Treatment</td>
<td>Restorative Care; Diagnostic Care</td>
<td>Encouraged patient to brush 2x/day</td>
<td></td>
</tr>
<tr>
<td>01/31/2017</td>
<td>Dental Doctor</td>
<td>Fluoride Varnish</td>
<td>Patient Declined</td>
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<td></td>
</tr>
<tr>
<td>01/31/2017</td>
<td>Dental Doctor</td>
<td>Oral Screening</td>
<td>Restorations (Fillings) Present; Visible Plaque Accumulation</td>
<td>No notes entered.</td>
<td></td>
</tr>
<tr>
<td>01/26/2017</td>
<td>Dental Doctor</td>
<td>Referral</td>
<td>Printed: Documented in MIDR</td>
<td>(100315) Referral to Dr. Guo; Emergency/Trauma Care</td>
<td>Referral Summary of Care</td>
</tr>
<tr>
<td>01/26/2017</td>
<td>Dental Doctor</td>
<td>Referral</td>
<td>Fax Sent: Successful</td>
<td>(100314) Referral to Dr. SMITH; Restorative Care</td>
<td>Referral Summary of Care</td>
</tr>
<tr>
<td>01/26/2017</td>
<td>Medical Doctor</td>
<td>Referral</td>
<td>Fax Sent: Successful</td>
<td>(100313) Referral to Dr. Jiang; Preventive Care</td>
<td>Referral Summary of Care</td>
</tr>
</tbody>
</table>
### Dentist Search & Referral

**Reason for Referral**
- Preventive Care
- Restorative Care
- Emergency/Trauma Care
- Other

**Special Needs**
- Patient has Special Needs

**Search By Address**
- Street Address
- City

**Search By Name**
- State: Michigan
- Zip Code*: 48105

**Distance**
- 30 miles

**Specialty**
- Select Specialty

**Dentist Search Results**

<table>
<thead>
<tr>
<th>Miles</th>
<th>Practice Name</th>
<th>Specialty</th>
<th>Address</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Oral Surgeon</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No records found.
<table>
<thead>
<tr>
<th>Dentist Search Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Miles</strong></td>
</tr>
<tr>
<td>1.7</td>
</tr>
<tr>
<td>2.8</td>
</tr>
<tr>
<td>2.8</td>
</tr>
<tr>
<td>2.8</td>
</tr>
</tbody>
</table>

**HO, PAUL**

Progressive Dental PLC  
24 Frank Lloyd Wright Dr  
Ann Arbor, MI 48105

- **Phone Number:** (734) 930-4022  
- **Fax Number:** (734) 930-4029  
- **Specialty:** Oral Surgeon  
- **Languages Spoken:** eng  
- **Email Address:** info@pdadentists.com  
- **Web Address:**  
- **Availability:** M-F (8am-5pm)  
- **Accepting New Patients:** Yes
## Dentist Search Results

<table>
<thead>
<tr>
<th>Miles</th>
<th>Name</th>
<th>Specialization</th>
<th>Address</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.7</td>
<td>Progressive Dental PLC</td>
<td>Oral Surgeon</td>
<td>24 Frank Lloyd Wright Dr</td>
<td>(734) 930-4022</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ann Arbor, MI 48105</td>
<td></td>
</tr>
<tr>
<td>2.8</td>
<td>THE REGENTS OF THE UNIVERSITY OF MICHIGAN</td>
<td>Oral Surgeon</td>
<td>1500 E Medical Center Dr B1 B204</td>
<td>(734) 936-5950</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ann Arbor, MI 48109</td>
<td></td>
</tr>
<tr>
<td>2.8</td>
<td>THE REGENTS OF THE UNIVERSITY OF MICHIGAN</td>
<td>Oral Surgeon</td>
<td>1500 E Medical Center Dr B1 B204</td>
<td>(734) 936-5950</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ann Arbor, MI 48109</td>
<td></td>
</tr>
</tbody>
</table>

**Send Referral**

How would you like to send your referral?

Clicking on **Print PDF** will launch a PDF document that you can print from your computer.

Clicking on **Send Fax** will send information about this referral to the dentist you selected.
<table>
<thead>
<tr>
<th>Treatment Date</th>
<th>Ordered By</th>
<th>Treatment Type</th>
<th>Details</th>
<th>Notes</th>
<th>Attachments</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/31/2017</td>
<td>Dental Doctor</td>
<td>Referral</td>
<td>Fax Sent</td>
<td>(100317) Referral to Dr. HO; Other</td>
<td>Referral</td>
</tr>
<tr>
<td>01/31/2017</td>
<td>Terry Manning</td>
<td>Oral Screening</td>
<td>Obvious Decay, Restorations (Fillings)</td>
<td>No notes entered.</td>
<td></td>
</tr>
<tr>
<td>01/23/2017</td>
<td>Medical Doctor</td>
<td>Fluoride Varnish</td>
<td>Not Indicated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>01/20/2017</td>
<td>Dental Doctor</td>
<td>Referral</td>
<td>Fax Sent: Successful</td>
<td>(100287) Referral to Dr. Smith; Emergency/Trauma Care</td>
<td></td>
</tr>
<tr>
<td>01/16/2017</td>
<td>Medical Doctor</td>
<td>Fluoride Varnish</td>
<td>Not Indicated</td>
<td>(100277) Referral to Dr. WALKER; Restorative Care</td>
<td></td>
</tr>
<tr>
<td>01/09/2017</td>
<td>Medical Doctor</td>
<td>Referral</td>
<td>Fax Sent: Successful</td>
<td>(100276) Referral to Dr.</td>
<td></td>
</tr>
</tbody>
</table>

Insert Notes

Clear    Save
New Patient Referral!
Dental Doctor
Dental Clinic
Street Address
City, MI 48105

DATE: 01/31/2017
TO: Dr. PAUL HO
FROM: Dental Doctor
PHONE: (734) 717-9666

TIME: 11:10 AM
FAX: (734) 930-4029
FAX: (734) 555-5555
EMAIL: Unavailable

Number of pages including cover sheet: 2

MESSAGE:

For Review: Referral to your office for a pediatric patient in need of dental care.

Please verify receipt of document by calling the above telephone number.

DISCLAIMER:
The information contained in this facsimile message is intended for the sole confidential use of the designated recipients and may contain confidential information. If you have received this information in error, any review, dissemination, distribution or copying of this information is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us by mail or if electronic, reroute back to the sender. Thank you. If you do not receive all pages, please call the sender at the above number.

MiDR
MICHIGAN'S DENTAL REGISTRY

Dear Dr. HO,

I am referring a pediatric patient to you for evaluation and treatment. We referred this patient to you via Michigan’s Dental Registry (MiDR), a pediatric oral health registry focused on increasing preventive oral health access for children in Michigan.

Due to confidentiality concerns, we invite you to visit the MiDR application to view detailed information about this patient.

Using the Referral ID, you can search for and access information on the referred patient, review what preventive care was provided in my office, and communicate back to me to ensure care coordination to improve our patient’s oral health.

Referred ID: 100317

If you have any questions or need assistance with accessing or using MiDR, please call 1-844-4-MITooth (1-844-465336) or send an email to MiDR@Altarum.org.

Thank you,
Dental Doctor

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Sign up for MiDR:

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This referral was sent via Michigan’s Dental Registry
Improving children’s oral health one dental home at a time.
www.MichigansDentalRegistry.org
Next Steps & Questions

1. Make a MILogin account (or log in to your existing account)

2. Request access to MiDR℠ on MILogin

3. Create your MiDR℠ profile and start simplifying care coordination today!

Contact us at MiDR@Altarum.org for assistance with signing up!