



Use Case Title: Oral Health Referral

Overview: 3-year-old patient is identified as not having an established dental home. Preventive oral health services are provided, and the provider accesses the dental registry on their EHR through SMART-on-FHIR. The app retrieves demographic information and uses it to search for a dentist. An eFax referral is sent using SOAP/WS and dentist logs in to follow up with the patient. Seamless care coordination will ensure that pediatric patients access the necessary dental care within a reasonable time period for treatment.

Value: Oral Health Care Coordination: The Role of Enabling Technology. Interoperability drives value by ensuring accurate and timely information sharing across care teams.

- Scheduled times:** Tuesday: 12:30-1
 Tuesday 2:30-3
 Tuesday 5-5:30
 Wednesday 10-10:30
 Wednesday 12:30-1
 VIP Tour: Wednesday 2-2:30



Scenario	Vendor	Products	Standards
1: Provider/Patient A 3-year-old patient and foster parent visit the child’s primary care provider for a well visit. The provider conducts an oral health screening. The provider identifies a potential cavity. The provider launches the dental registry’s Oral Health SMART-on-FHIR App from within the EHR.	Altarum	Michigan’s Dental Registry	SMART on FHIR

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<p>2: Dental Registry</p> <p>The SMART-on-FHIR App retrieves patient and provider demographic data from the physician's EHR, along with any oral health-related information that may be present for the patient, and populates the form.</p>	Altarum/MI DHHS	Michigan's Dental Registry	OAuth SMART on FHIR
<p>3: Provider</p> <p>The provider completes the form by entering information not within the EHR but needed to complete the oral health screening. The provider searches the registry, selects a participating dentist and submits a referral.</p>	Altarum	Michigan's Dental Registry	SOAP
<p>4: Dental Registry</p> <p>The registry sends an eFax referral alert to the dentist.</p>	Altarum/MI DHHS	Michigan's Dental Registry	SOAP/WS
<p>5: Dentist</p> <p>The dentist receives the eFax referral alert. The dentist logs-in the registry's portal to review the oral health screening information and schedule an appointment for the patient.</p>	Altarum/MI DHHS	Michigan's Dental Registry	N/A
<p>6: Public Health/Social Services/WIC</p> <p>The Oral Health Program receives data from the registry to monitor and track oral health trends. Social services and WIC access the registry to review whether a referral was accepted, an appointment was scheduled, or the dentist has seen the patient.</p>	Altarum/MI DHHS	Michigan's Dental Registry	N/A

Data exchange standards:

- **SMART on FHIR** (Online at <http://www.hl7.org/fhir/smart-app-launch/conformance/>)
- **OAuth 2** (Online at <https://tools.ietf.org/html/rfc6749>)
- **Simple Object Access Protocol (SOAP)** (Online at <https://www.w3.org/TR/soap/>)
- **Representational State Transfer (REST)** (Online at <https://www.w3.org> see: REST Services)
- **SAML 2.0 (Security Assertion Markup Language)** (Online at <https://www.oasis-open.org/standards#samlv2.0>)