21st Century Cures Act: Information Blocking 
and Interoperability for PDMPs

Tom Novak, Medicaid Interoperability Lead, Office of Policy, ONC
Mark Knee, JD, Senior Policy Advisor, Office of Policy, ONC
Carmen Smiley, IT Specialist, Office of Technology, ONC
Tom Novak, Medicaid Interoperability Lead, ONC Office of Policy
CMS Data Systems Group
Section 5042 describes the “Medicaid Providers Are Required To Note Experiences in Record Systems to Help In-need Patients Act” or the “Medicaid PARTNERSHIP Act”. States have reached out to CMS for guidance on implementing this section, and have several procedural questions on requesting the funds described in Section 1944(f) which provide 100% FMAP and federal match rates for certain expenditures related to qualified prescription drug monitoring programs, available only for FY 2019 and FY 2020.
21st Century Cures Act: Interoperability, Information Blocking, and the ONC Health IT Certification Program Final Rule

*Information Blocking*

Mark Knee, JD  
Senior Policy Advisor, Office of Policy, ONC
Information Blocking Resources on HealthIT.gov

• Information Blocking
  • View Recorded Webinar
  • Webinar Slides [PDF - 1.9MB]

• Information Blocking Q&A
  • View Recorded Webinar
  • Webinar Slides [PDF - 1.12MB]
ONC Opioid Coordination & Stakeholder Engagement

- Advancing available standards for health IT data integration through engagement with standards development organizations (NCPDP, HL7, etc.)

- Engaging with stakeholders to inform recommendations on provider burden reduction specific to EPCS and PDMPs

- Engaging with states to help inform national PDMP architecture including gaining understanding of existing challenges and exploring various integration approaches across states and Technical Assistance for PDMP and SUD/OUD topics to state Medicaid agencies through the State Innovation Models (SIMs)

- Collaboration with federal partners (such as CDC and CMS) to support health IT components of programs intended to support OUD prevention and treatment transformation
21st Century Cures Act: Interoperability, Information Blocking, and the ONC Health IT Certification Program

• Update to electronic prescribing (eRx) SCRIPT standard in 2015 Edition from NCPDP SCRIPT v10.6 to NCPDP SCRIPT 2017071
  • CMS finalized its Part D standards to NCPDP SCRIPT 2017071 for eRx and medical history, effective January 1, 2020
  • ONC and CMS have maintained complementary policies and aligned standards to ensure that the current standard for certification permits use of the current Part D eRx standards
  • New eRx standard will eventually become the baseline for ONC Health IT Certification
  • ONC will continue to reference the current transactions included in § 170.315(b)(3) and will require all of the NCPDP SCRIPT 2017071 standard transactions CMS adopted 24 months after publication of the Rule
Electronic Controlled Substances in NCPDP SCRIPT

• The DEA tests to SCRIPT v10.6 for EPCS
  • EHR applications with EPCS prescriber capability and pharmacy applications seeking to upgrade to the new NCPDP SCRIPT 2017071 standard for electronic prescribing must undergo a DEA required audit of their e-prescribing/pharmacy application.

• Over the years, SCRIPT schemas have been updated to support:
  • Digital Signature Indicator
  • Controlled Substance Indicator
  • Earliest Fill Date
  • Drug Abuse Treatment Indicator
  • Medication Indication for GHB (Gamma-Hydroxybutyric acid)
  • <Prescriber><Identification>
    • While an NPI is always required (Type 1 Individual NPI), a <DEANumber> is required if the prescriber has a DEA Number and the medication being prescribed is a controlled substance
Example ONC Opioid Strategy and Supporting Projects

• LPASO Project
  • The goal is to assess health IT and PDMP technical and policy ecosystems in an effort to identify ways that health IT can be used to better support substance use disorder (SUD) and opioid use disorder (OUD) prevention, diagnosis, and treatment

• CDS for CDC Opioid Prescribing Guideline project
  • The goal is to build upon previous and current CDC-ONC collaboration work to refine and develop electronic CDS to be used in and by EHRs.

• Advancing PDMP - EHR Integration (APPEAN) project
  • The goal is to advance and scale PDMP integration with health IT systems

• PDMPs on FHIR
  • Phase 1: Develop a PDMP FHIR Implementation Guide (IG) to enable EHRs to access PDMPs using the HL7® FHIR® standard R3 and ballot the IG via HL7. Included mapping of NCPDP SCRIPT standard version 10.6 and PMIX.
  • Phase 2: Advance standards mapping for PDMP FHIR IG to include NCPDP SCRIPT standard version 2017071, ASAP Web Services Standard 2.1A, and PMIX to HL7® FHIR® standard R4. Ballot September 2020.
Specialty Care and Settings

New functionality supports "Specialty Care and Settings" to display a list of interoperability needs supporting particular care needs or settings, including Opioids (prevention and treatment) and Pediatrics.
# In State and Interstate PDMP Data Exchange

## Allows for the Exchange of State Prescription Drug Monitoring Program (PDMP) Data

<table>
<thead>
<tr>
<th>Type</th>
<th>Standard / Implementation Specification</th>
<th>Standards Process Maturity</th>
<th>Implementation Maturity</th>
<th>Adoption Level</th>
<th>Federally required</th>
<th>Cost</th>
<th>Test Tool Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>NCPDP Telecommunication Standard, Version 1.0</td>
<td>Final</td>
<td>Production</td>
<td>Feedback Requested</td>
<td>No</td>
<td>$</td>
<td>No</td>
</tr>
<tr>
<td>Implementation Specification</td>
<td>N/EM, Version 3.2</td>
<td>Final</td>
<td>Production</td>
<td></td>
<td>No</td>
<td>Free</td>
<td>No</td>
</tr>
<tr>
<td>Standard</td>
<td>PMX, Version 2</td>
<td>Final</td>
<td>Production</td>
<td></td>
<td>No</td>
<td>Free</td>
<td>No</td>
</tr>
<tr>
<td>Standard</td>
<td>2000 ASAP Version 4.2B Standard for Prescription Monitoring Programs</td>
<td>Final</td>
<td>Pilot</td>
<td>Feedback Requested</td>
<td>No</td>
<td>Free</td>
<td>No</td>
</tr>
<tr>
<td>Standard</td>
<td>2017 ASAP Version 4.2A Standard for Prescription Monitoring Programs</td>
<td>Final</td>
<td>Production</td>
<td></td>
<td>No</td>
<td>Free</td>
<td>No</td>
</tr>
<tr>
<td>Standard</td>
<td>2011 ASAP Version 4.2 Standard for Prescription Monitoring Programs</td>
<td>Final</td>
<td>Production</td>
<td></td>
<td>No</td>
<td>Free</td>
<td>No</td>
</tr>
<tr>
<td>Standard</td>
<td>2015 ASAP Prescription Monitoring Program Web Service Standard 2.1A</td>
<td>Final</td>
<td>Production</td>
<td></td>
<td>No</td>
<td>Free</td>
<td>No</td>
</tr>
<tr>
<td>Standard</td>
<td>2016 ASAP Prescription Monitoring Program Standards Versions 1.0 for PMP Zero Reports and Error Reports</td>
<td>Final</td>
<td>Production</td>
<td></td>
<td>No</td>
<td>Free</td>
<td>No</td>
</tr>
<tr>
<td>Standard</td>
<td>HL7, Version 2</td>
<td>Final</td>
<td>Production</td>
<td>Feedback Requested</td>
<td>No</td>
<td>Free</td>
<td>No</td>
</tr>
</tbody>
</table>
Contact ONC

Tom Novak, Medicaid Interoperability Lead
Thomas.Novak@hhs.gov

Mark Knee, Senior Policy Advisor
Mark.Knee@hhs.gov

Carmen Smiley, IT Specialist
Carmen.Smiley@hhs.gov

Phone: 202-690-7151

Health IT Feedback Form:
https://www.healthit.gov/form/
healthit-feedback-form

Twitter: @onc_healthIT

LinkedIn: Search “Office of the National Coordinator for Health Information Technology”

Subscribe to our weekly eblast at healthit.gov for the latest updates!
Email: pdmptttac@iir.com
Telephone: (781) 609-7741
Website: www.pdmpassist.org