



Use Case Title: Opioid Prescription Monitoring

Overview: Prescription drug monitoring program (PDMP) information is readily accessible to the care provider during their routine clinical workflow allowing them to access dispensed medication history for their patients. Two patients present for care with complaints of pain, one with no evidence of opioid use, and one with an extensive history of opioid use. See how this information is used to inform the providers assessment and treatment for these patients, and how these interactions can be monitored through the PDMP.

Value: Opioid Addiction Care: Access to a public health registry application with aggregated data collection from pharmacies allows for improved bi-directional communication with the Care Team. Interoperability drives real-time clinical decision making to ensure appropriate adherence to opioid treatment guidelines. Monitoring and Intervention: Leveraging data to prevent misuse and response to the opioid crisis. Ability for agencies to monitor and identify outliers from both the patient perspective and provider perspective as a means for follow-up and intervention. In this space, public health’s role and value rests on making this information more readily accessible directly within the provider’s and care coordinator’s tool set.

Scheduled times: Tuesday: 10:00-10:30
Tuesday 1-1:30
Tuesday 5-5:30
Wednesday 12-12:30
Wednesday 2:30-3
VIP Tour: Wednesday 11-11:30



Scenario	Vendor	Products	Standards
Prescription Drug Monitoring Programs (PDMP) now available in all 50 states, are an important tool in addressing the opioid crisis. Dispensed medications are collected daily for schedules 2-5 from pharmacies and providers who dispense onsite or provide samples. Previously, this information could only be reviewed through a web portal that required clinicians to log in through a mechanism separate from their EHR workflow, and was rarely utilized. This demonstration shows how a standards-based API can be used to make this information accessible at the point of care through the provider's normal prescribing workflow.	DOH/Pharmacy Board/Justice		NA
Christopher Reith presents to the emergency department with pain following an injury. The provider reviews the medications with the patient and compares their oral history with the data retrieved from the PDMP. The patient prescription history shows no signs of opioid use. The provider is able to make a prescribing decision after all available information has been reviewed confident they've done the necessary diligence to ensure the patient's safety	Orion health/ Amadeus		NCPDP 10.6
Taryn presents as a first time patient to a new PCP, Dr. Massoud complaining of severe anxiety and seeking medication to assist with pain and stress. Dr. Massoud retrieves the State PDMP report. The state PDMP contains history of opioid dispensations from several urgent care settings. Dr. Massoud reaches out to the other prescribers from the report to discuss their opioid prescribing to Taryn, and determine that the patient has exhibited drug-seeking behavior and is in need treatment	Epic		NCPDP 10.6
PDMP administrator: PDMP administrator reviews the query history and compliance report card and determines the provider has made queries against the patients. Administrator reviews compliance at the state level and then reviews compliance at the organization level. The administrator can then download the user compliance report to review the individual compliance rates for each of the prescribers within the organization.	NIC	RxGov	NCPDP 10.6

Data exchange standards:

- NCPDP (Online at <http://ncdp.org>)