

Notes For Engaging with a Trial Staging Version of the CDS Hooks Sandbox

Notes about utilizing CDC Clinical Practice Guideline Recommendation 10 CDS service in the staging CDS Hooks Sandbox

- Go to <https://cdshooks-sandbox.org/>
- Go to the Rx Sign tab
- You should see "opioidcds-10-order-sign" service in the Select a Service dropdown window as depicted below

Select a Service

opioidcds-10-order-sign - <http://opioid-sandbox.cqframework.org/cdc/opioid-cds-r4/cds-service/cds-ser>

- You should be able to select the service.
- The default patient is one who has not had a urine toxicology screen conducted in the past twelve months

Rx Sign

Patient: Johnny Appleseed ID: example-opioidcds

- If you see this patient, Daniel X. Adams, please clear your browser cache.

Patient: Daniel X. Adams ID: smart-1288992

- Order an opioid medication. Be sure to select a particular dosage order instance for that medication.

Medication

oxycodone

12 HR Oxycodone Hydrochloride 30 MG Extended Release Oral Tablet

- Then select a supply duration of 28 days or longer.

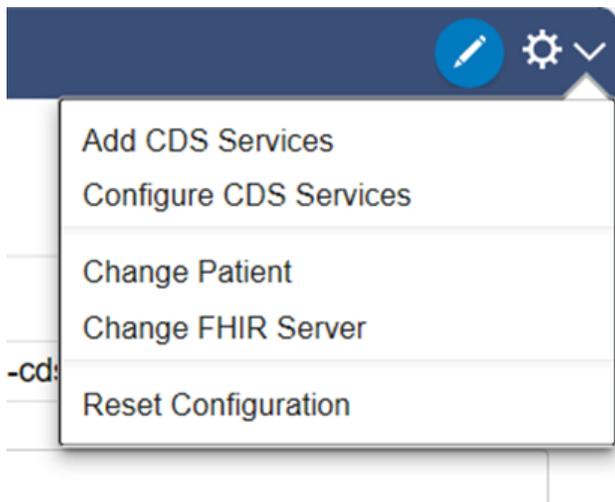
Number	Frequency	Supply Duration (Days)
<input type="text" value="1"/>	<input type="text" value="daily"/>	<input type="text" value="31"/>

- Sign the order by clicking the sign order button

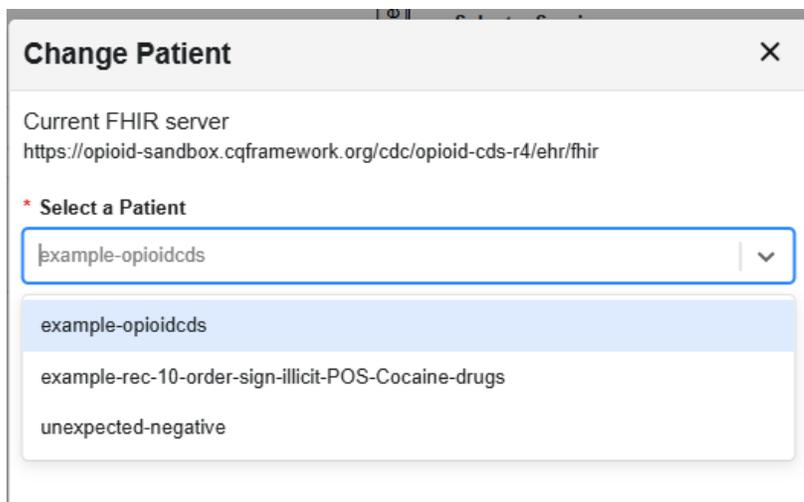
Sign Order

- These actions should trigger an alert

- To change test patients
 - Go to settings and select "Change Patient"



- Click on the Select a Patient window and then select a patient from the dropdown list



- About the test patients
 - "example-opioidcds" is a patient who has not had a urine toxicology test conducted in the past twelve months
 - "example-rec-10-order-sign-illicit-POS-Cocaine-drugs" is a patient who has had at least one urine toxicology screen in the past twelve months that has a positive test result for cocaine
 - "unexpected-negative" is a patient who has had who has had at least one urine toxicology screen in the past twelve months with a negative result for substance that was prescribed to the patient within a thirty day window prior to the test
- If you select the second patient, the Rx Sign panel should then look like this:



- Then add an opioid medication to the medication box in the Rx Sign Panel and select a specific dosage.
- Then add a supply duration of 28 days or more.
- Sign the order.
- These actions should trigger an alert for unexpected positive toxicology screen findings.
- To test a patient with unexpected negative toxicology screen findings go setting and select "Change Patient".
- Select the "unexpected-negative" patient from the dropdown list.
- The Rx Sign panel should look like this:



- Then add an opioid medication to the medication box in the Rx Sign Panel and select a specific dosage.
- Then add a supply duration of 28 days or more.
- Sign the order.
- These actions should trigger an alert for unexpected negative toxicology screen findings.

How to load a complete test case into the sandbox

- Go to <https://github.com/cqframework/sandbox/wiki/User-Guide>
- Select a test case from this table

Hook	Service	Description	URL
order-sign	opioidcds-10-order-sign	No cards due to medication not meeting chronic/subacute pain requirements	https://cdshooks-sandbox.org/?patientId=example-opioidcds&screen=rx-sign&hook=order-sign&prescribedMedication=857007&prescribedSupplyDuration=20
order-sign	opioidcds-10-order-sign	Recommend a UDS (urine drug screen) for a Patient	https://cdshooks-sandbox.org/?patientId=example-opioidcds&screen=rx-sign&hook=order-sign&prescribedMedication=857007&prescribedSupplyDuration=30
order-sign	opioidcds-10-order-sign	Simple table detailing unexpected negative found through analysis of patient's UDS and medication history	https://cdshooks-sandbox.org/?patientId=unexpected-negative=rx-sign&hook=order-sign&prescribedMedication=857007&prescribedSupplyDuration=30
order-sign	opioidcds-10-order-sign	Complex table detailing unexpected positives and negatives found through analysis of patient's UDS and medication history	https://cdshooks-sandbox.org/?patientId=example-rec-10-order-sign-illicit-POS-Cocaine-drugs&screen=rx-sign&hook=order-sign&prescribedMedication=857007&prescribedSupplyDuration=30

- Click on the deep link and the test case will load into the sandbox
- Sign the order