

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

- Notes about utilizing CDC Clinical Practice Guideline Recommendation 10 CDS serve in the staging CDS Hooks Sandbox
  - Use http, not https. Hence, use this URL <http://cdshooks-sandbox.org/> instead of <https://cdshooks-sandbox.org/>
  - Go to the Rx Sign tab
  - If you do not see the “opioidcds-10-order-sign” service in the Select a Service dropdown window, double-check the URL – you may find that you are on https, not http. If that is the case, remove the “s” from the URL, refresh the page, and try again.

## 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

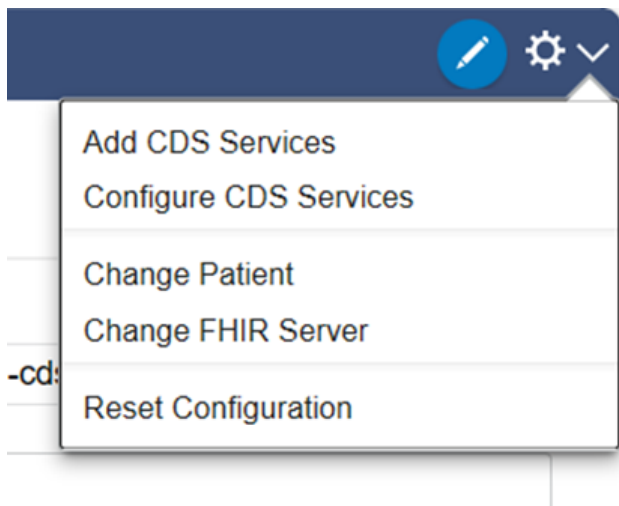
12 HR Oxycodone Hydrochloride 30 MG Extended Release Oral Tablet

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

Number	Frequency	Supply Duration (Days)
1	daily ▼	31

- These actions should trigger an alert.

- To try a test patient who has had a urine screen with a positive result for cocaine follow these steps:
  - To change the test patient, go to settings and select “Change Patient”



- Enter this test patient in the box below Enter a Patient ID: example-rec-10-order-sign-illicit-POS-Cocaine-drugs

Change Patient

Current FHIR server

http://opioid-sandbox.cqframework.org/cdc/opioid-cds-r4/ehr/fhir

\* Enter a Patient ID

example-rec-10-order-sign-illicit-POS-Cocaine-drugs

- Select save.
- The Rx Sign panel should then look like this:

CDS Hooks Sandbox

Patient View

Rx View

Rx Sign

Rx Sign

Patient: opioidcds example ID: example-rec-10-order-sign-illicit-POS-Cocaine-drugs

- 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.
- 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".
- Enter this Patient ID: unexpected-negative.
- The Rx Sign panel should look like this:



## Rx Sign

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**Patient:** John Doe **ID:** unexpected-negative

- 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.
- These actions should trigger an alert for unexpected negative toxicology screen findings.