Screenshots from HIV case based surveillance in openMRS

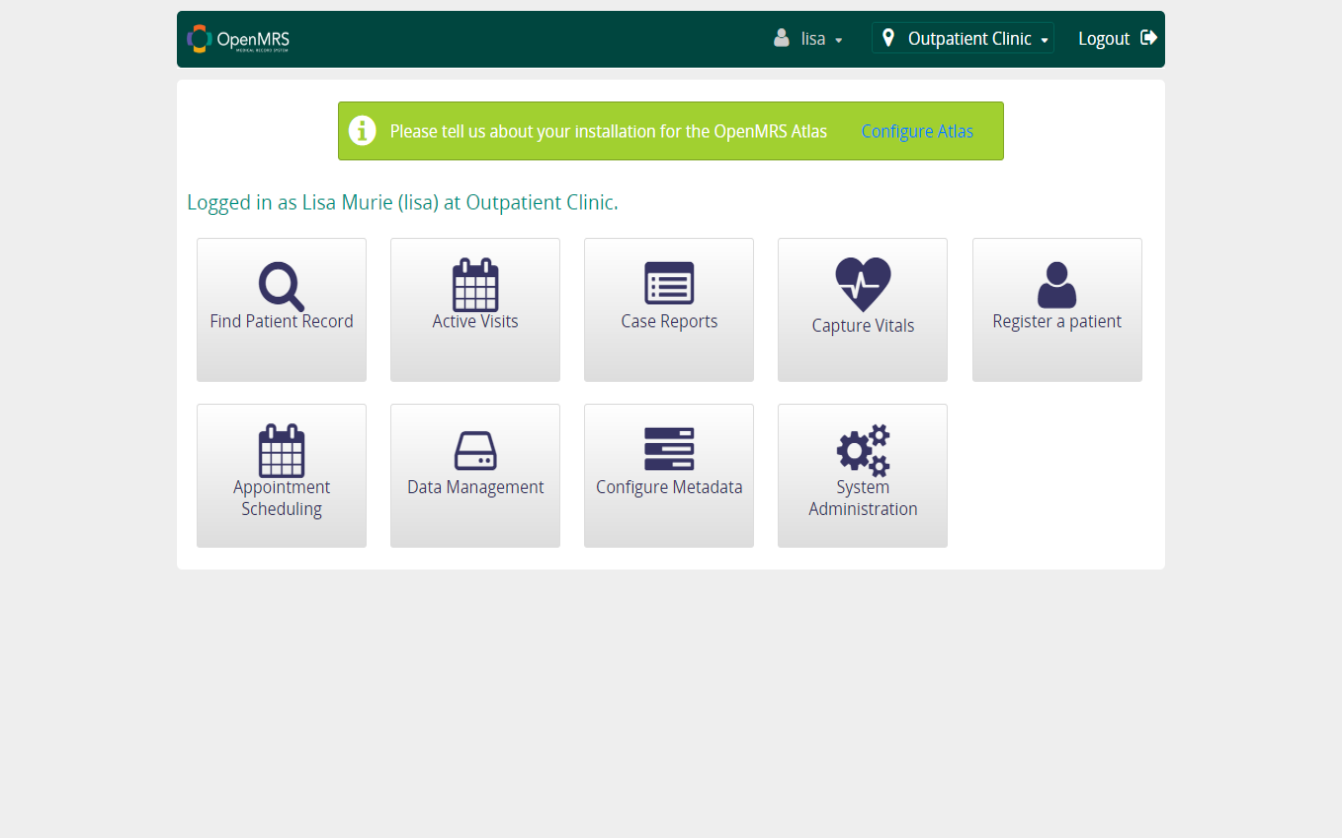
Use case: Test patient John M Doe

Below is a list of all triggers defined for HIV case based surveillance along the care cascade; in the case reporting module in openMRS.

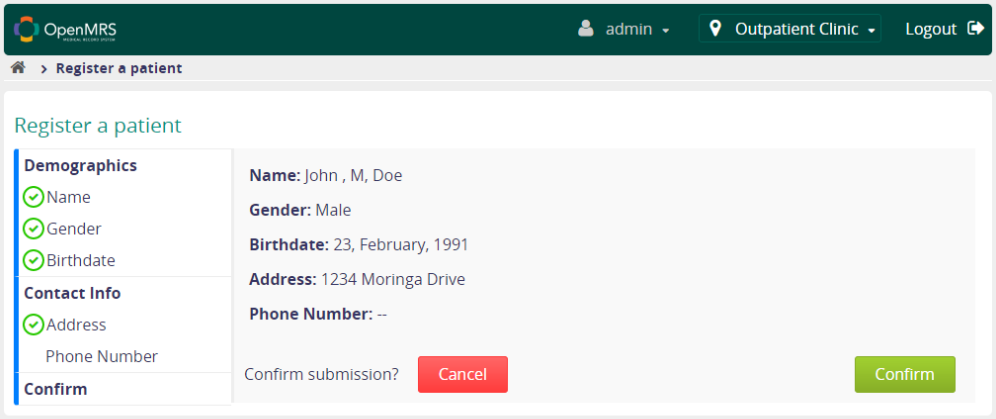
1. New HIV Case
2. New HIV Disease
3. New HIV Treatment
4. ART Therapy changed to second line
5. HIV Treatment stopped
6. HIV treatment failure
7. Patient died
8. HIV not virally suppressed
9. HIV patient not tested
10. HIV patient lost to follow up

NOTE: For the last three triggers screenshots have not been included. I

1. Home Page

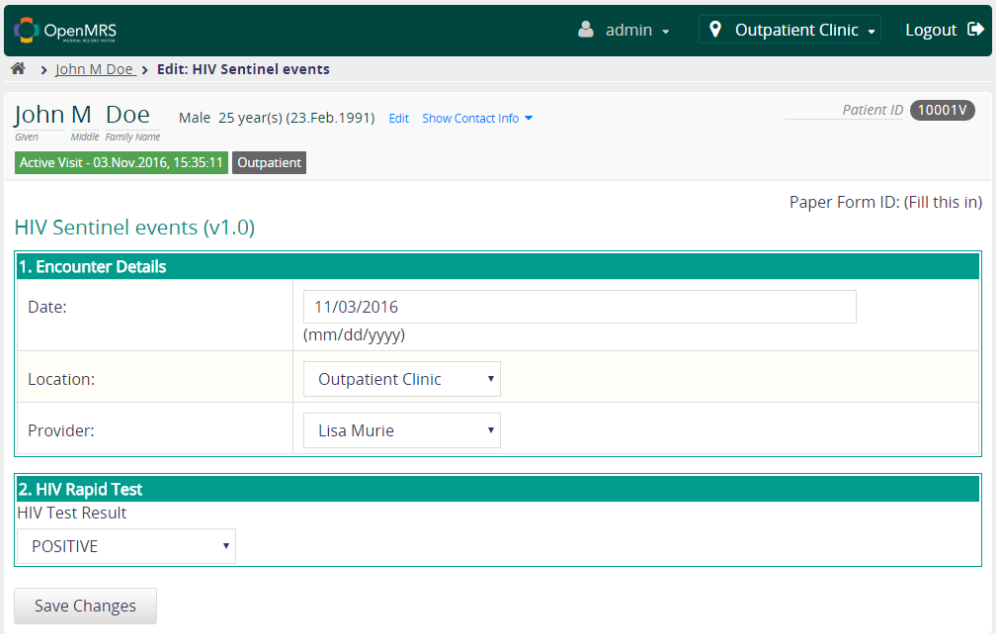


2. Registering the test patient

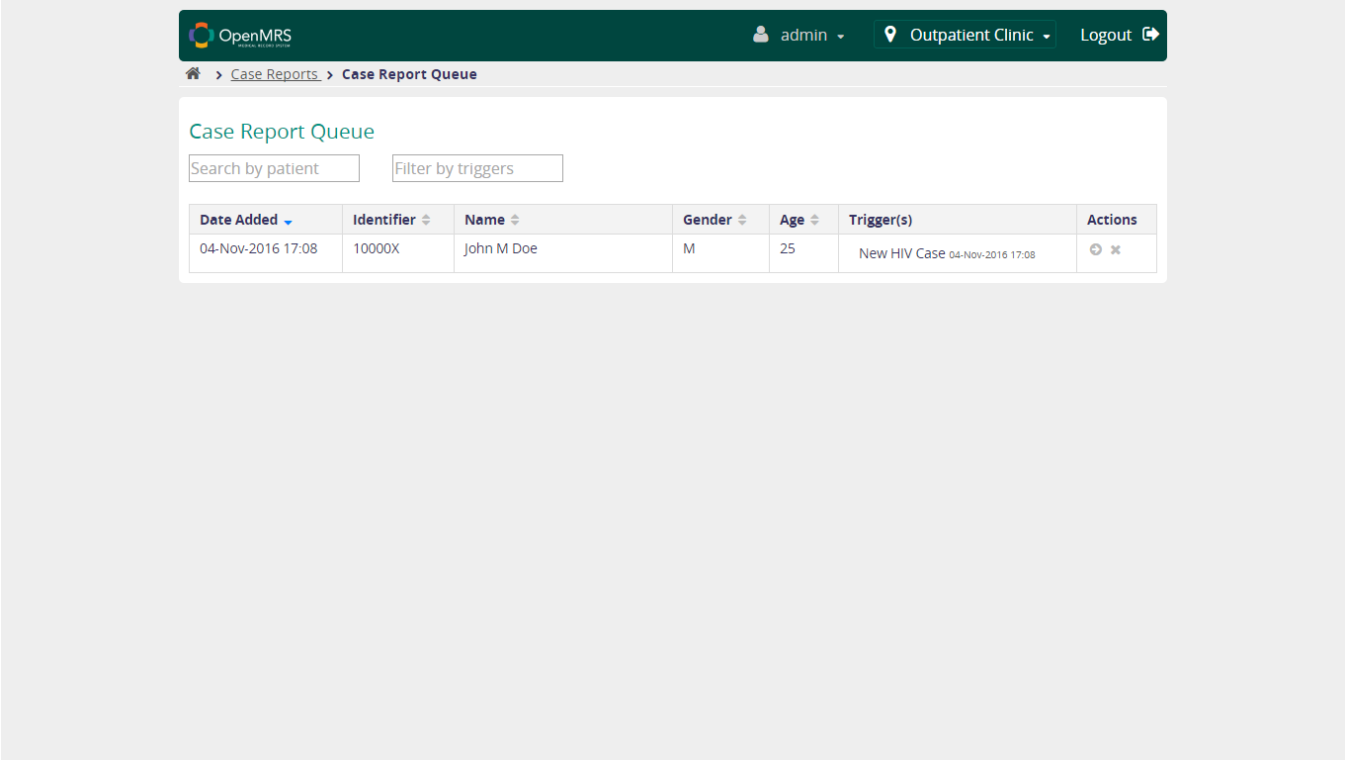


3. New HIV Case

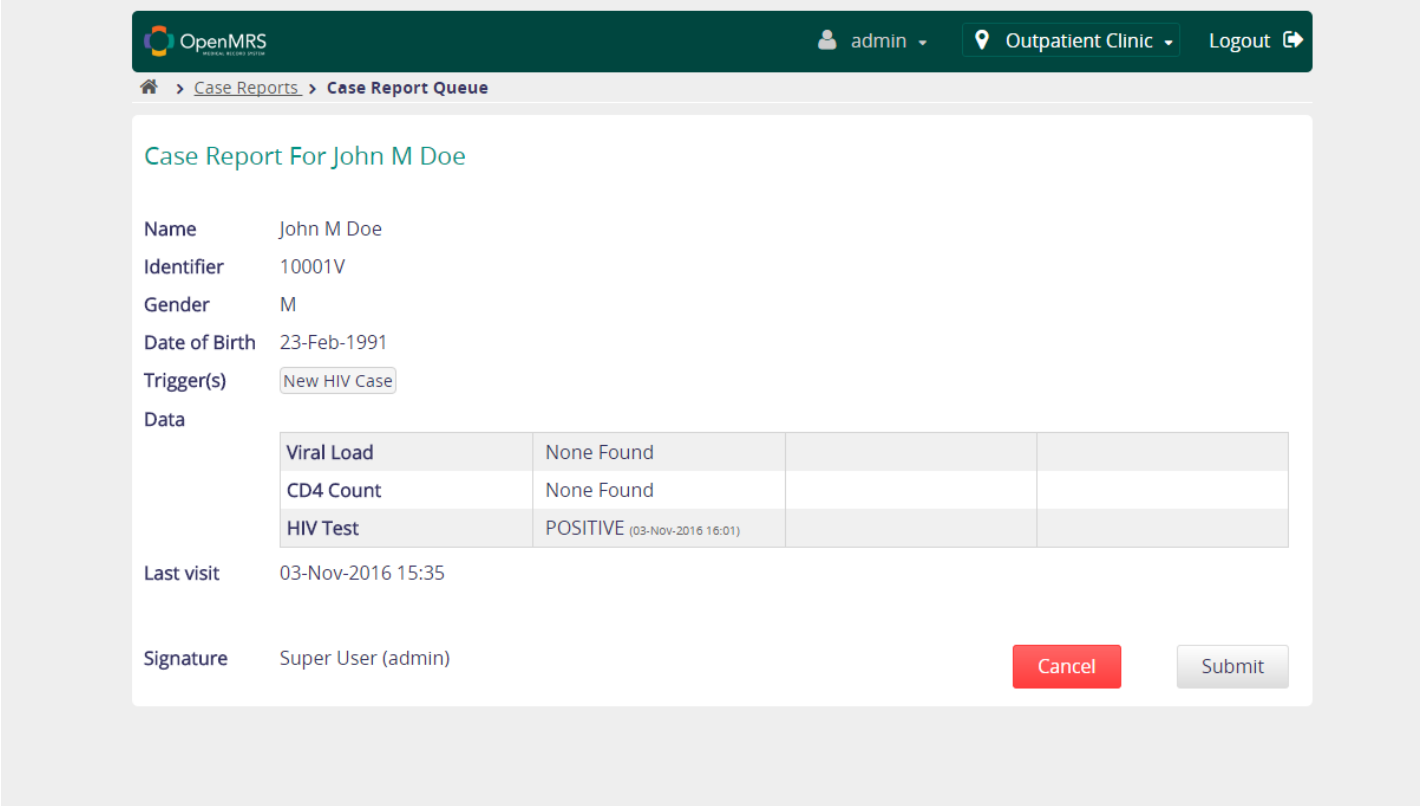
Enter the observation for a reportable sentinel event. In this case, patient HIV test results are positive.



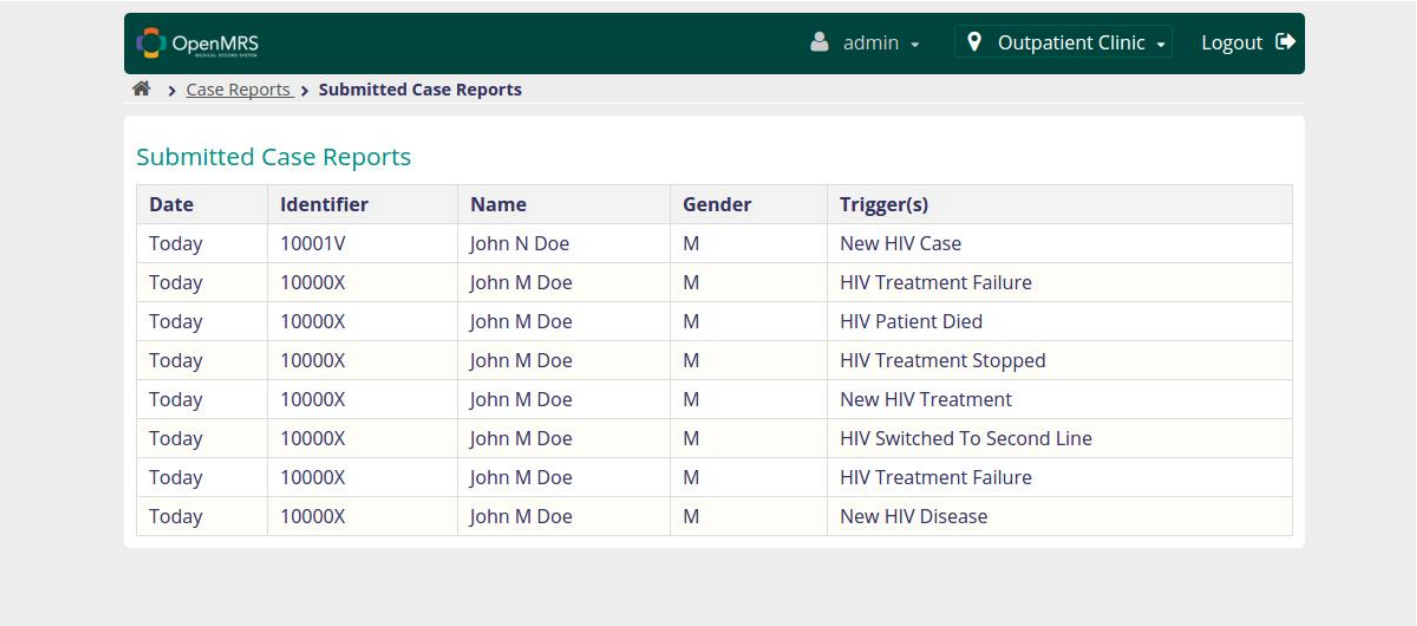
New HIV Case trigger is fired by the observation and entered in the case report queue



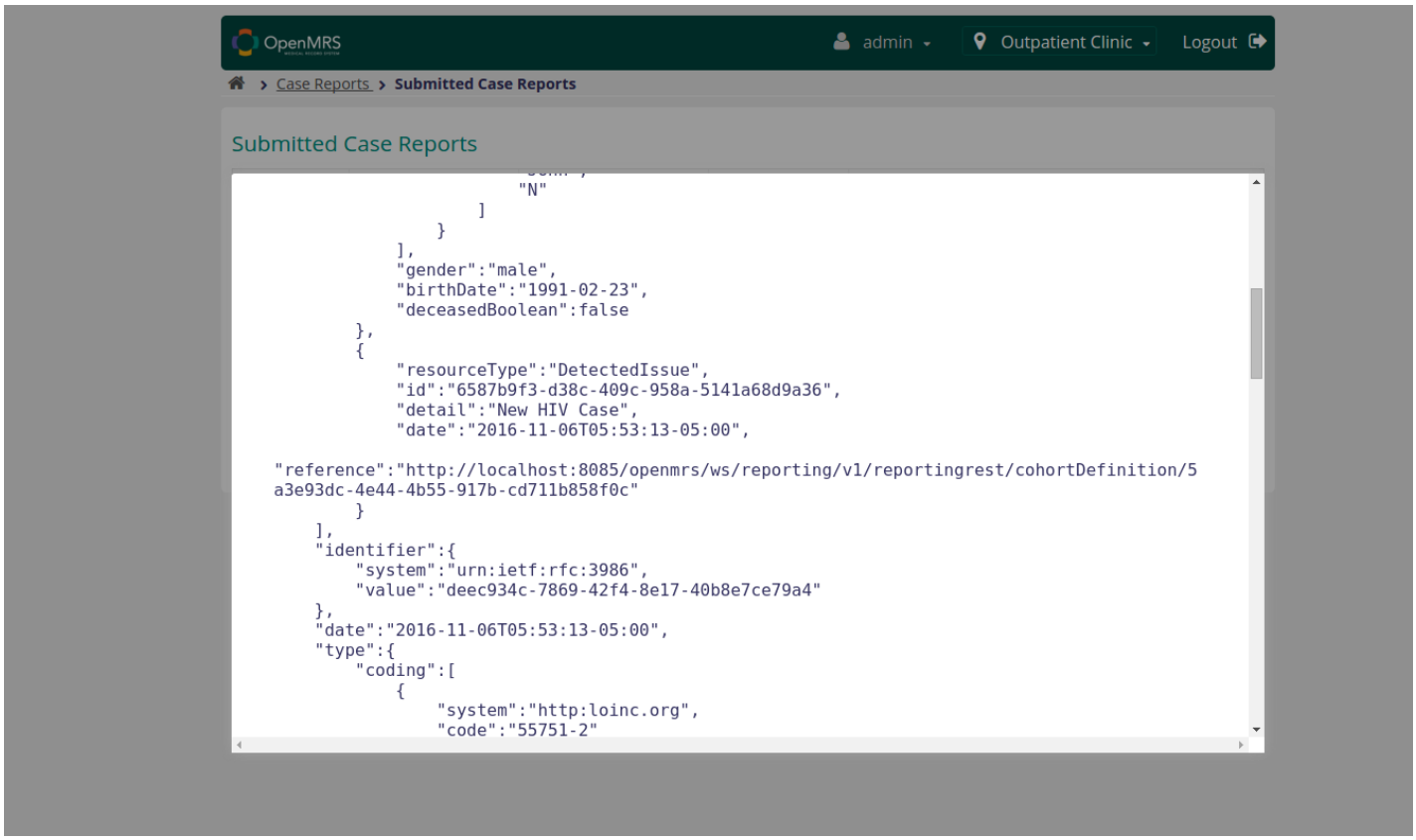
One can either submit or decline the queued case report



Submitted case reports

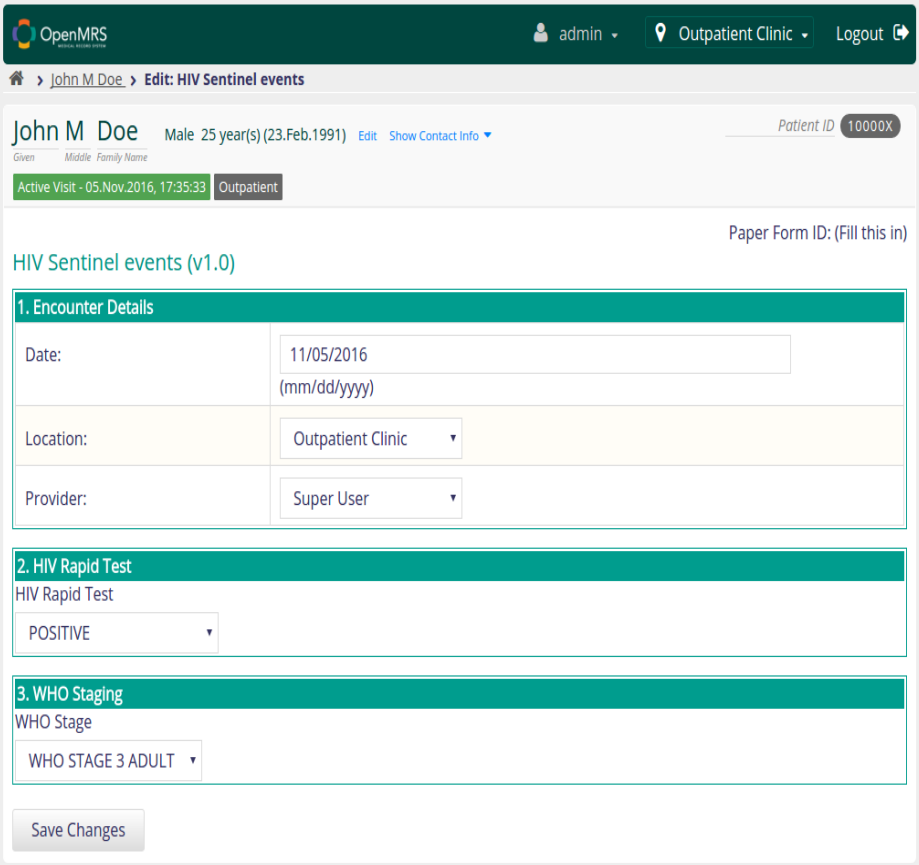


Case report as a FHIR Document

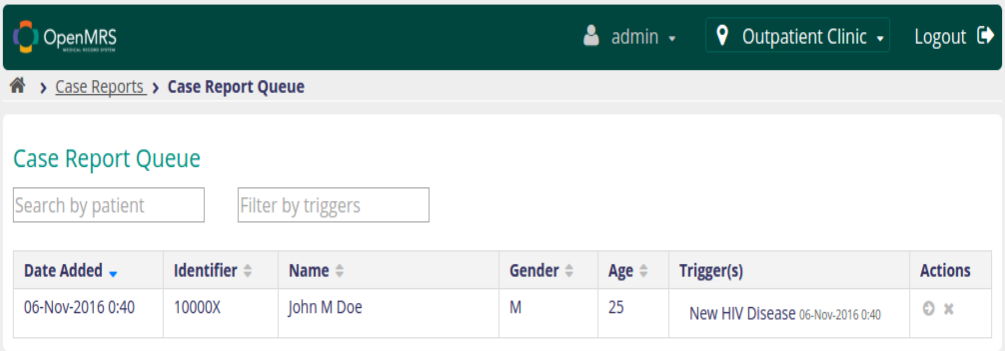


4. New HIV Disease

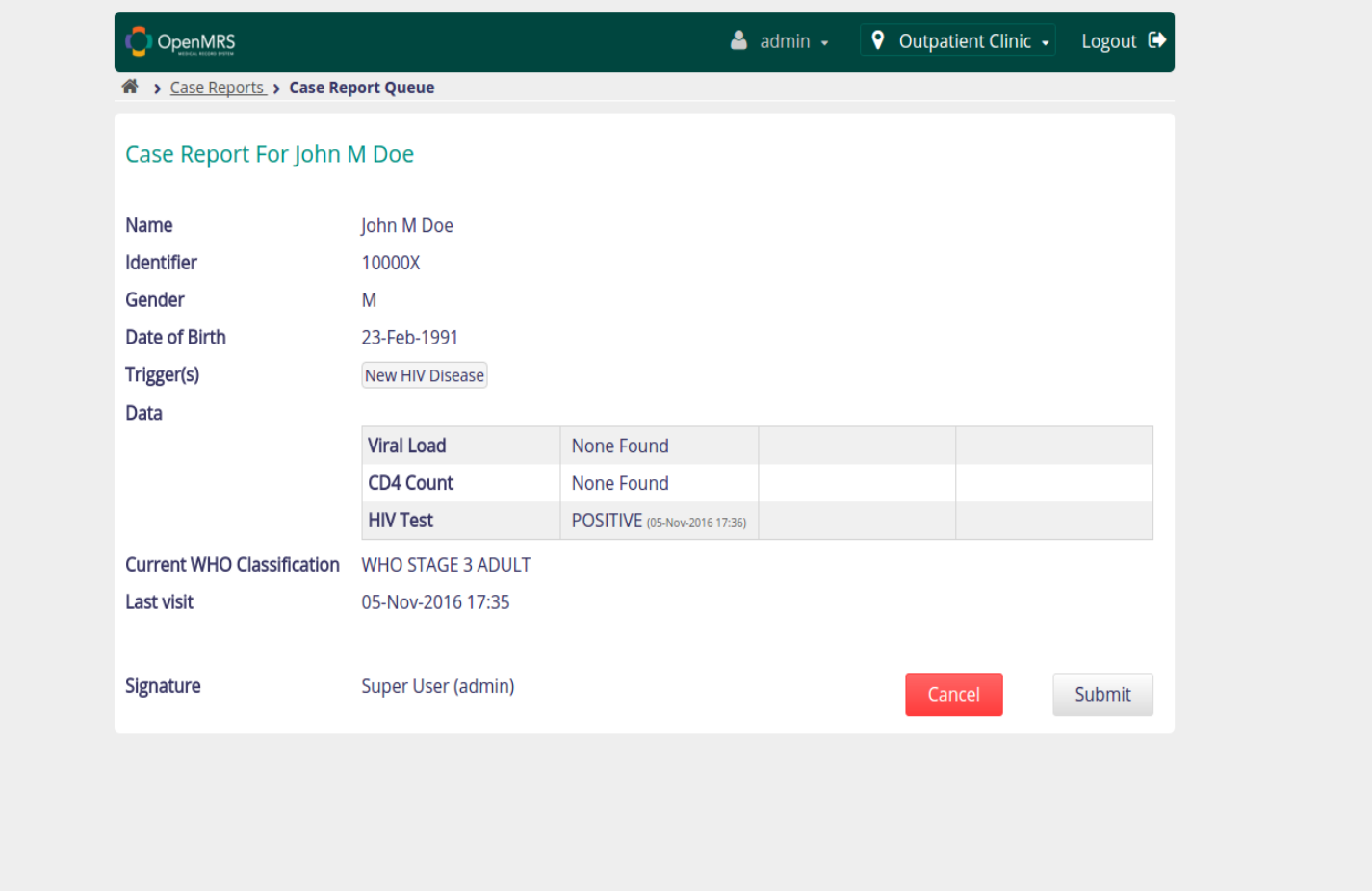
Enter details for WHO staging based on HIV disease diagnosed



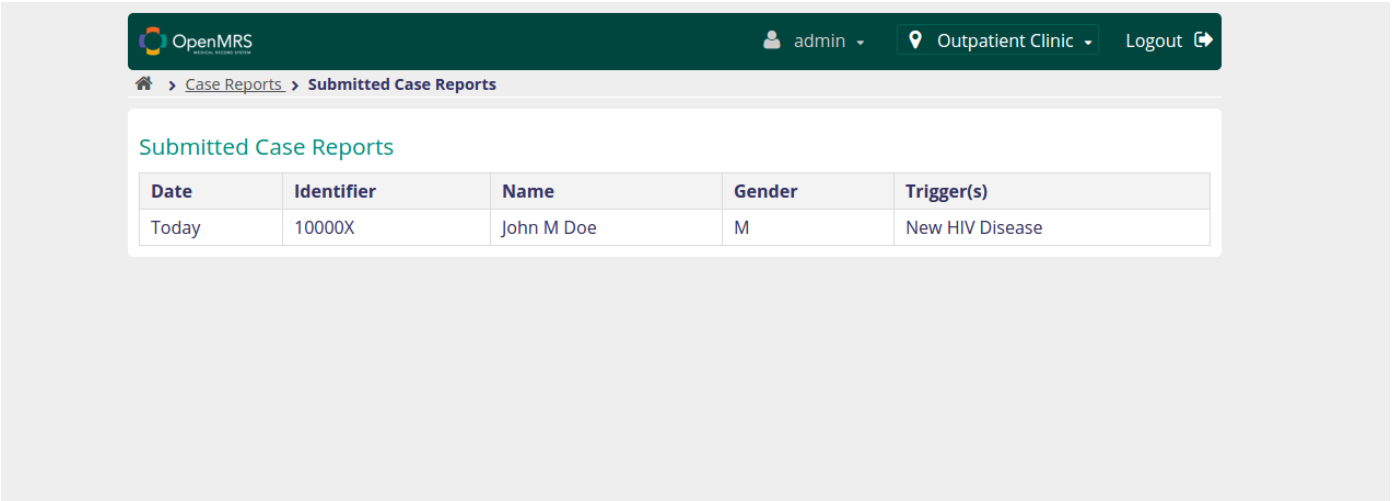
Case report queue



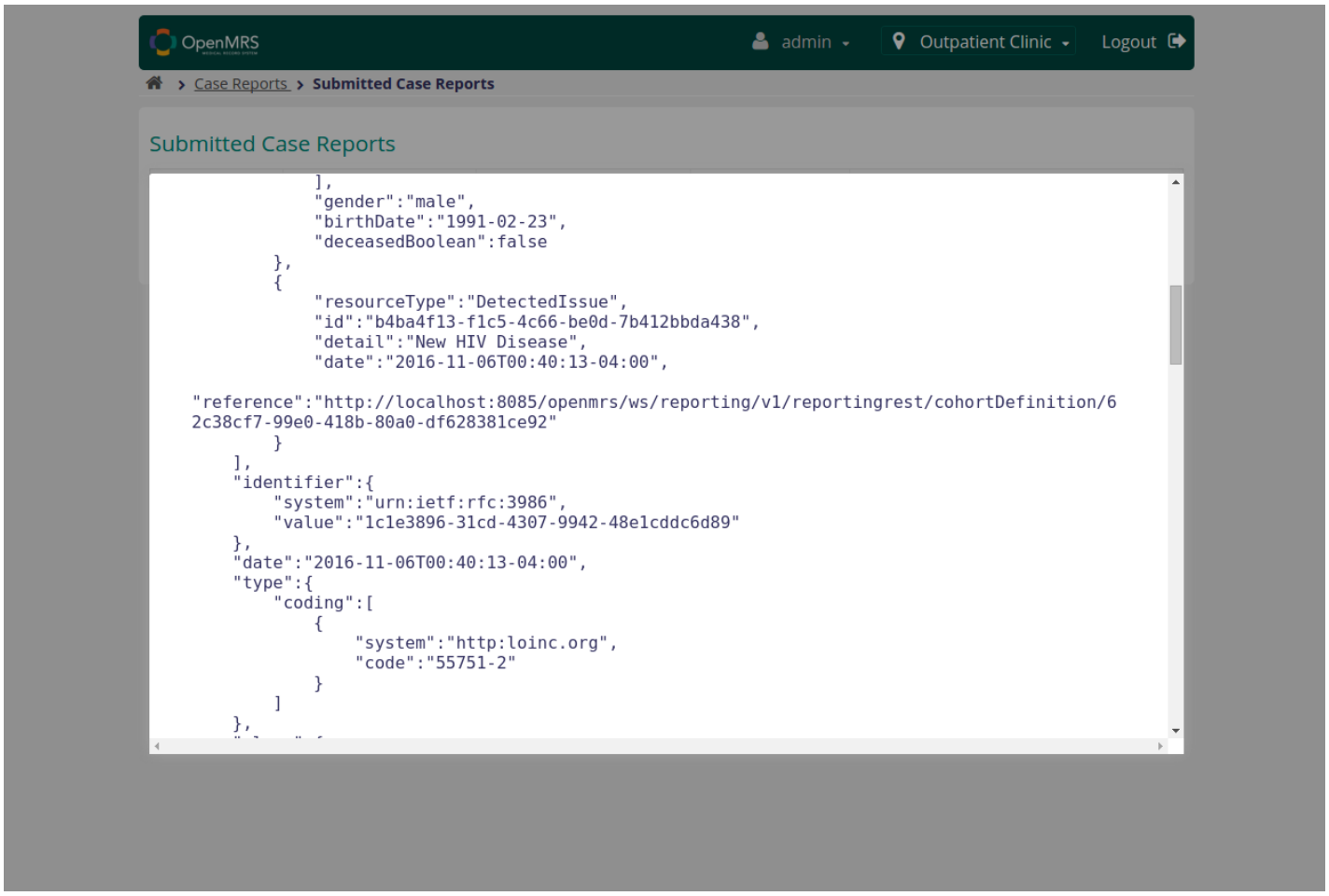
Review and submit the reports



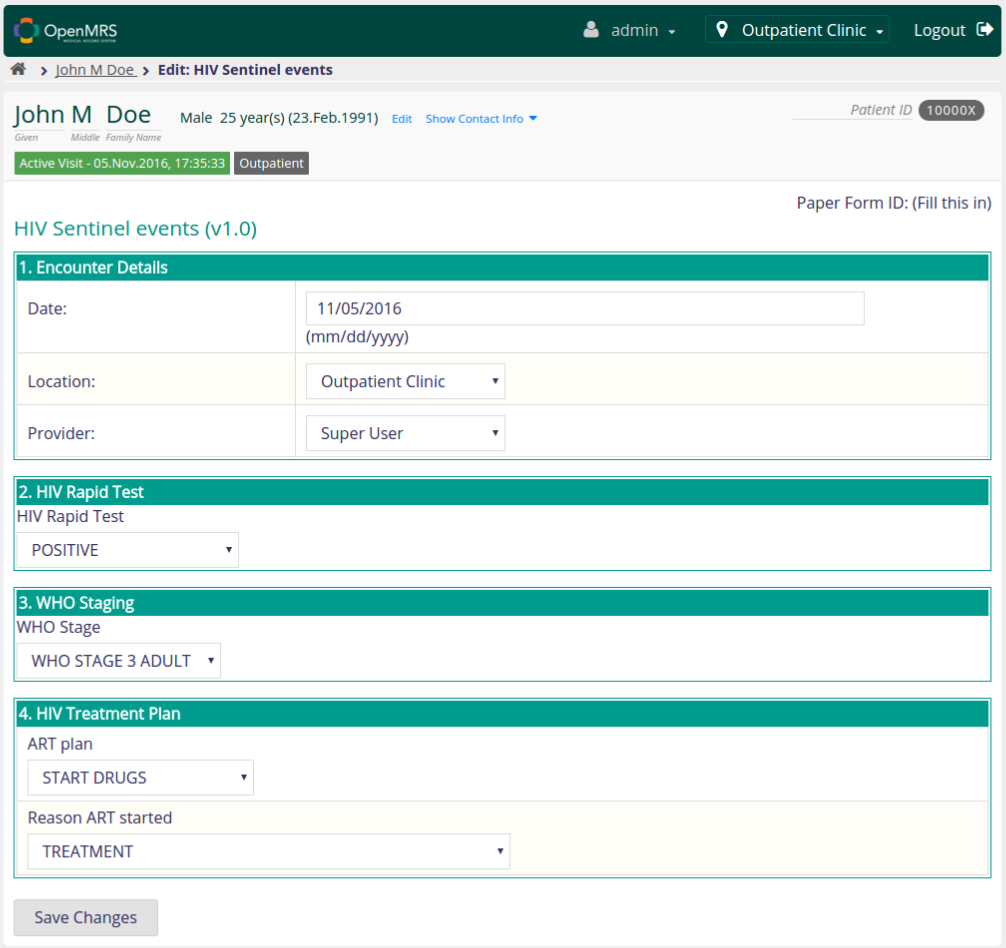
Submitted case reports



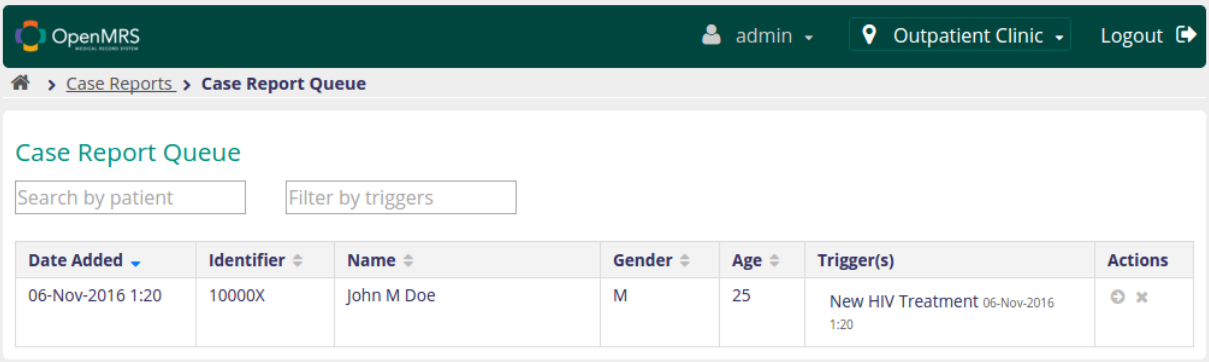
Case report as FHIR document



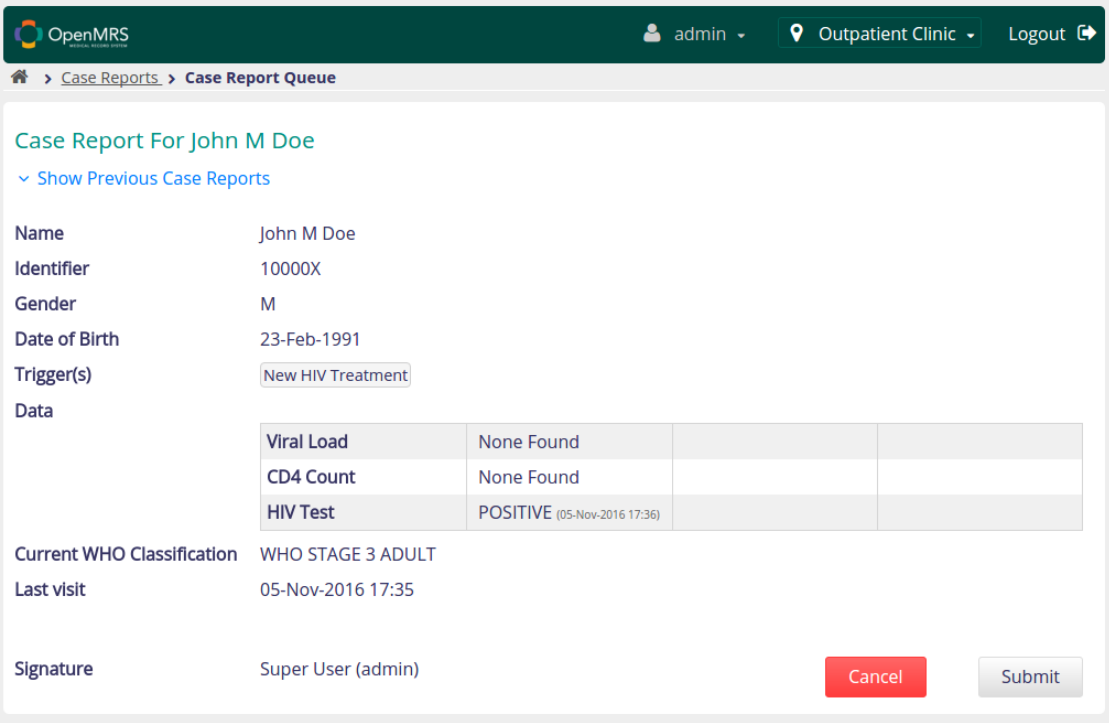
5. New HIV Treatment



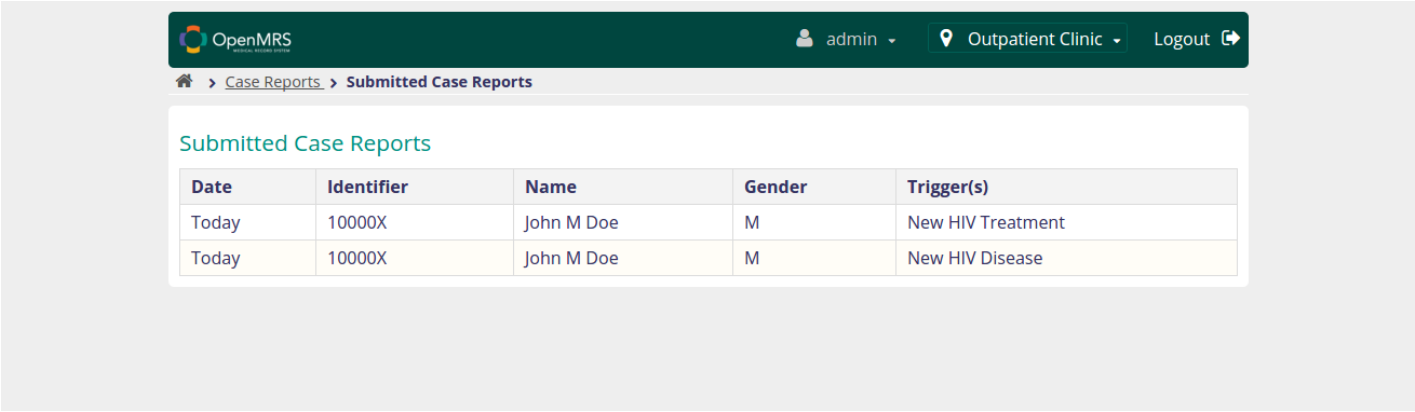
Case reporting queue



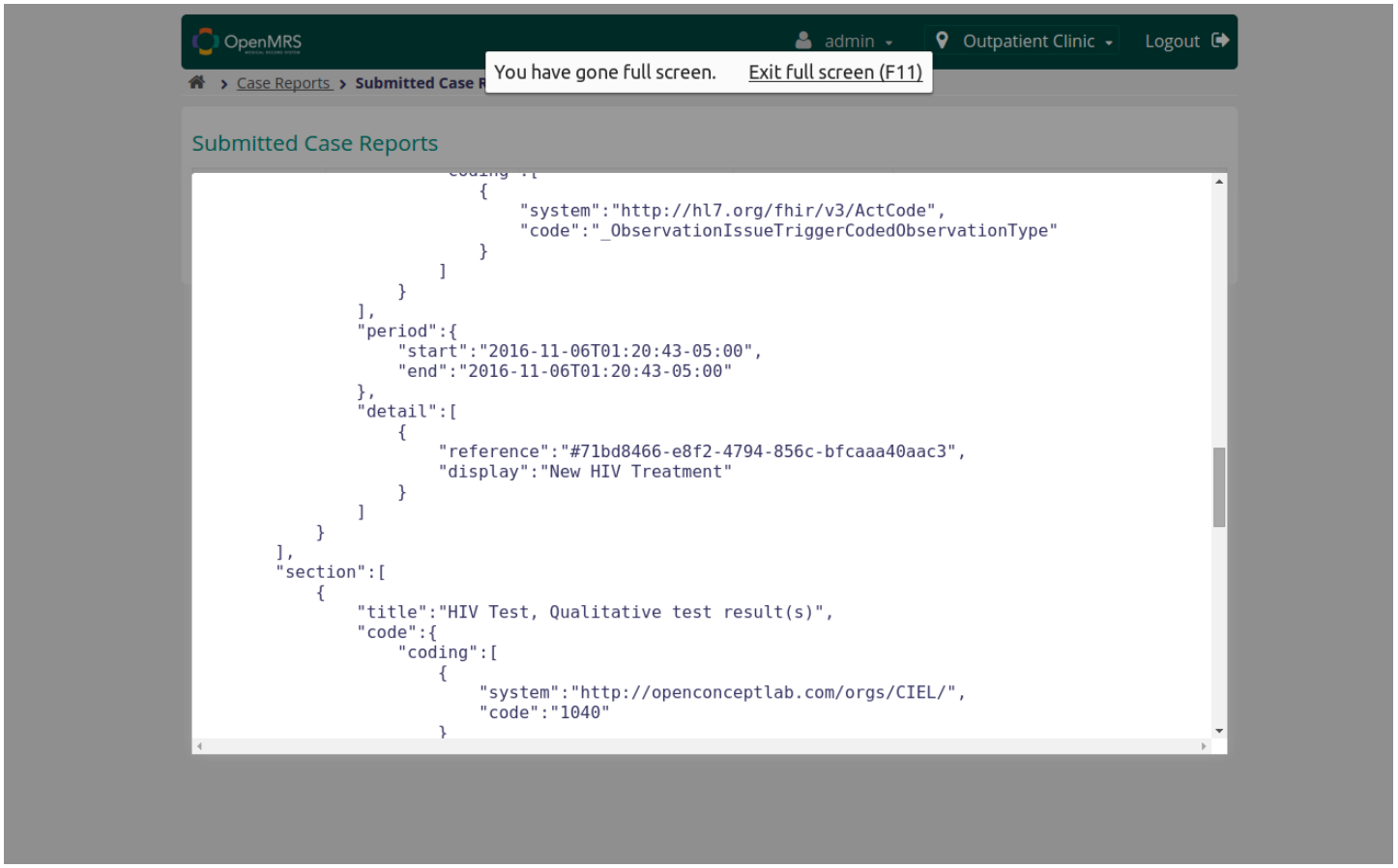
Review and Submit report



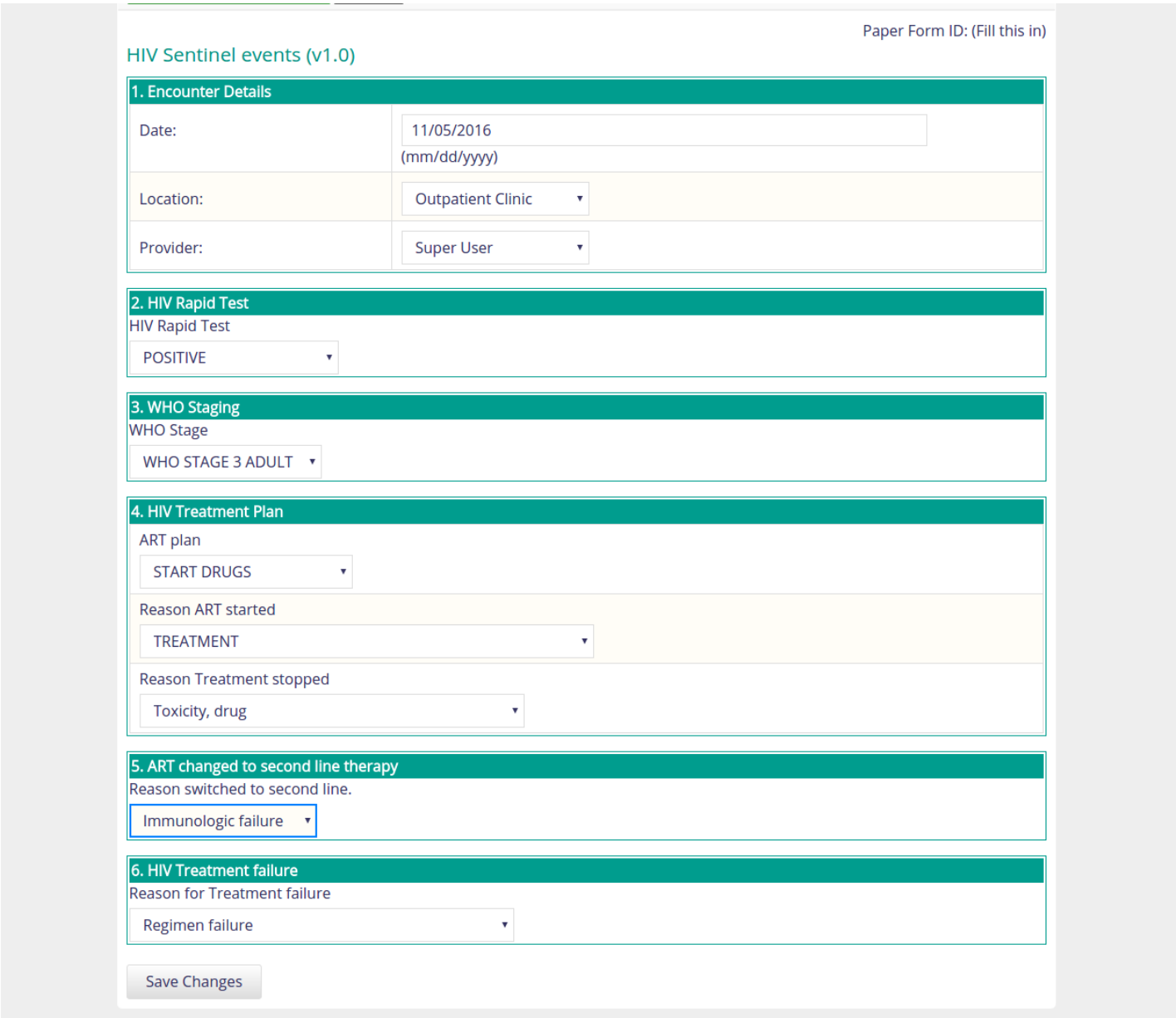
Submitted case reports



Case report as FHIR Document



6. ART Therapy changed to second line



Paper Form ID: (Fill this in)

HIV Sentinel events (v1.0)

1. Encounter Details

Date:	11/05/2016 (mm/dd/yyyy)
Location:	Outpatient Clinic
Provider:	Super User

2. HIV Rapid Test

HIV Rapid Test: POSITIVE

3. WHO Staging

WHO Stage: WHO STAGE 3 ADULT

4. HIV Treatment Plan

ART plan: START DRUGS

Reason ART started: TREATMENT

Reason Treatment stopped: Toxicity, drug

5. ART changed to second line therapy

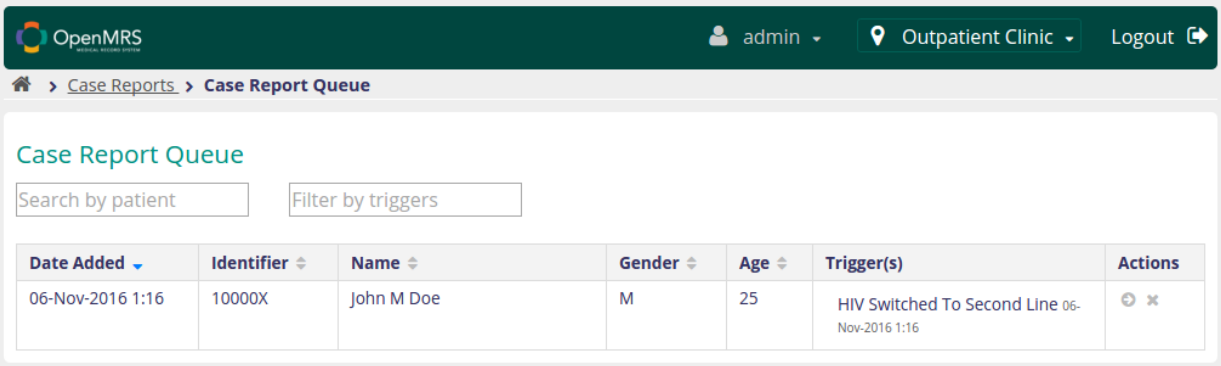
Reason switched to second line.: Immunologic failure

6. HIV Treatment failure

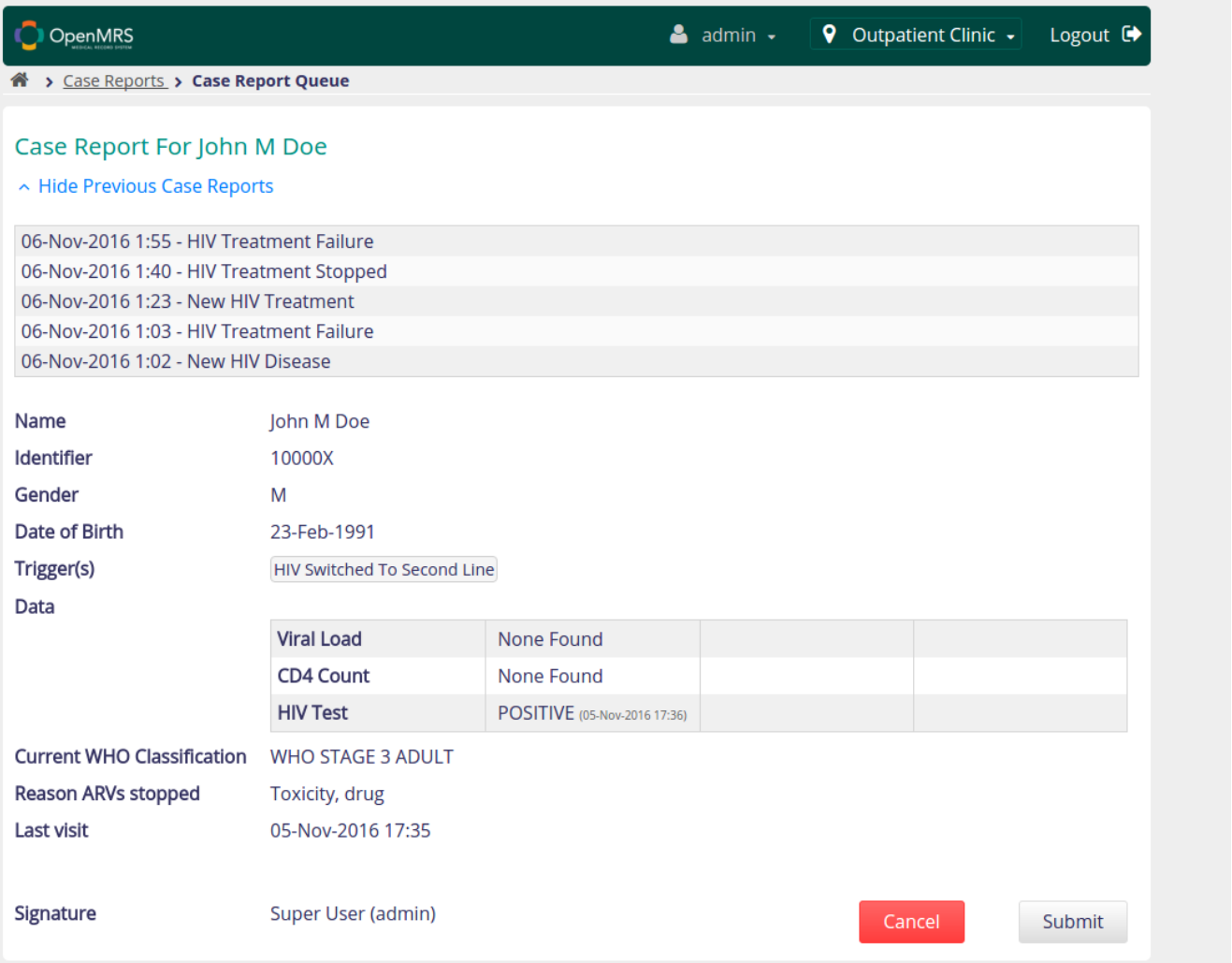
Reason for Treatment failure: Regimen failure

Save Changes

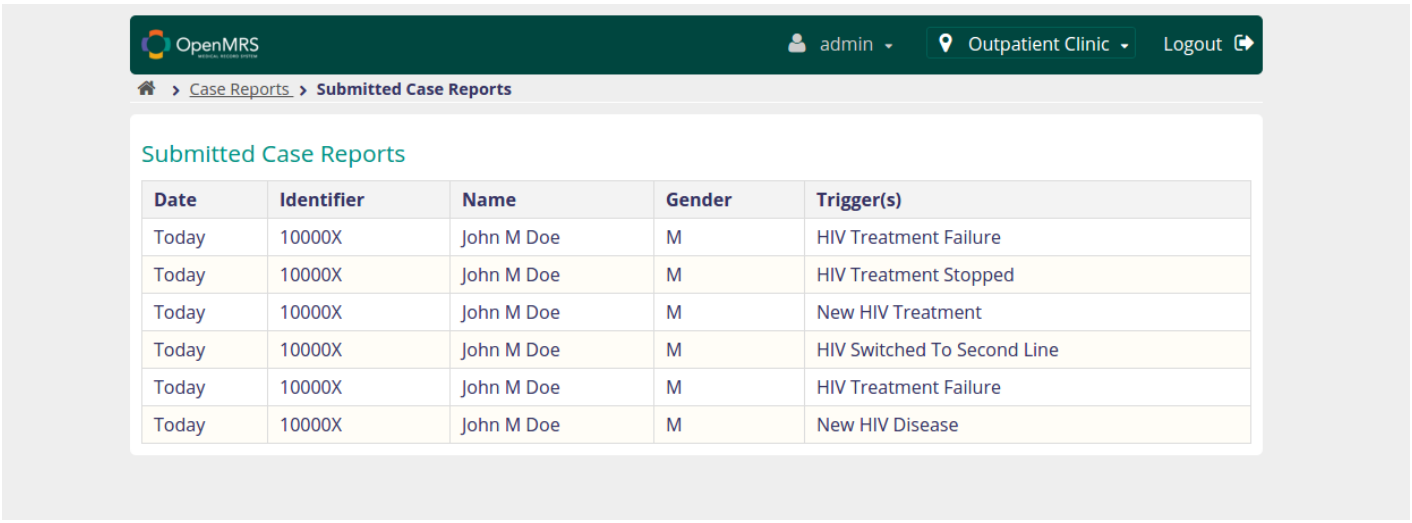
Case report queue



Review and submit case report

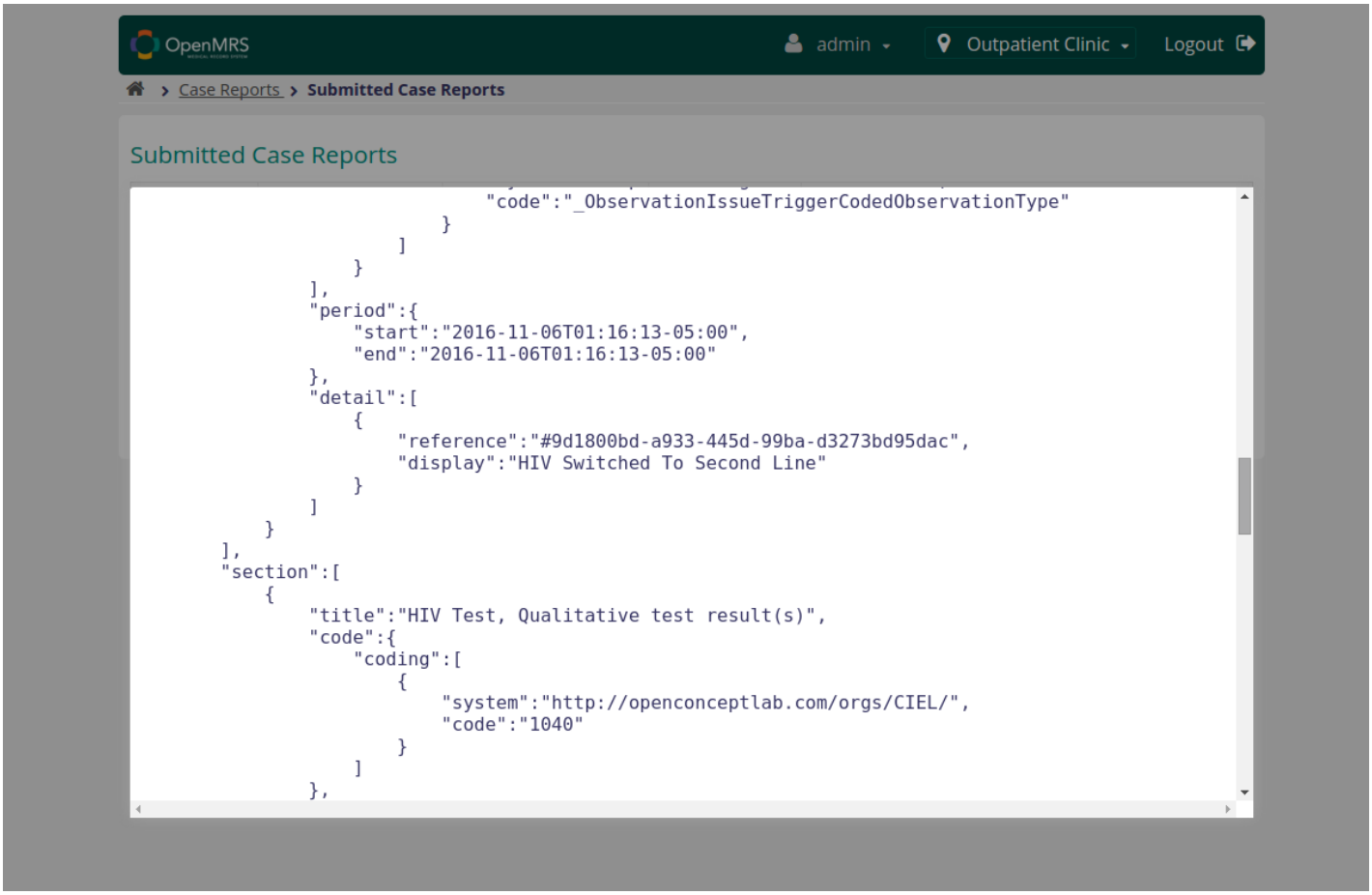


Submitted case reports

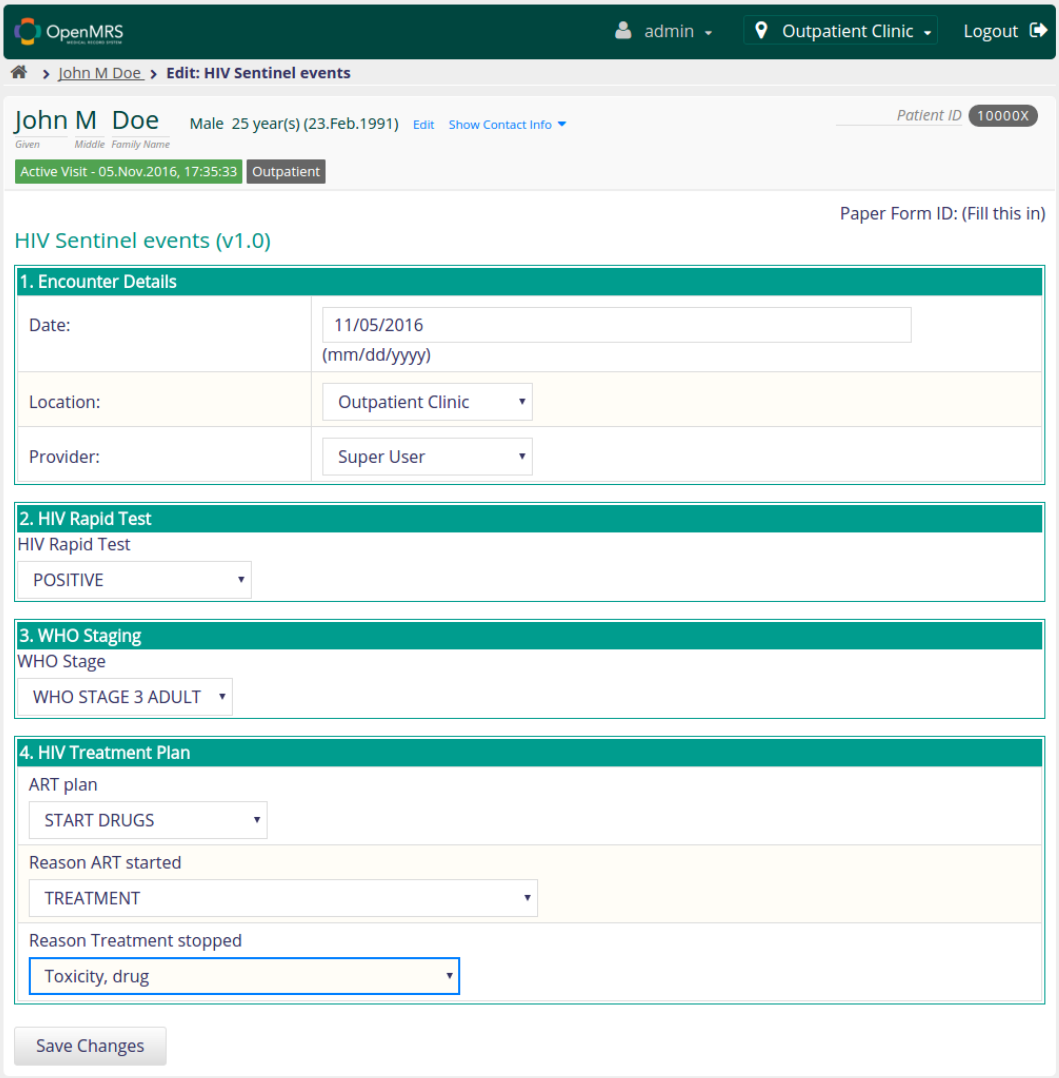


Date	Identifier	Name	Gender	Trigger(s)
Today	10000X	John M Doe	M	HIV Treatment Failure
Today	10000X	John M Doe	M	HIV Treatment Stopped
Today	10000X	John M Doe	M	New HIV Treatment
Today	10000X	John M Doe	M	HIV Switched To Second Line
Today	10000X	John M Doe	M	HIV Treatment Failure
Today	10000X	John M Doe	M	New HIV Disease

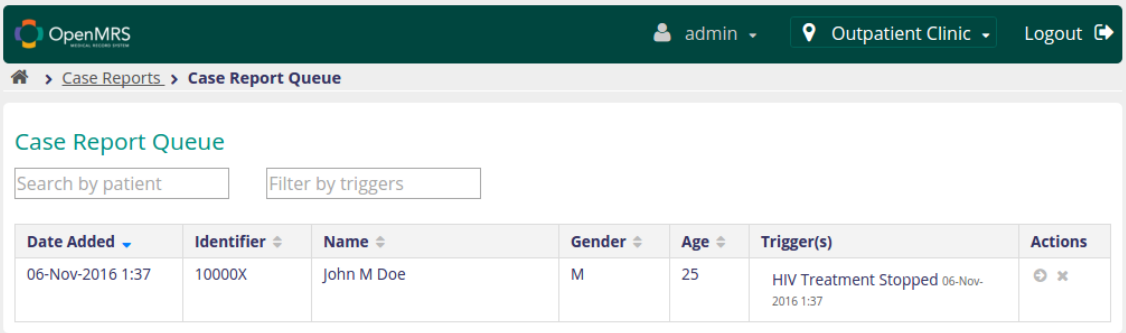
Case report as FHIR Document



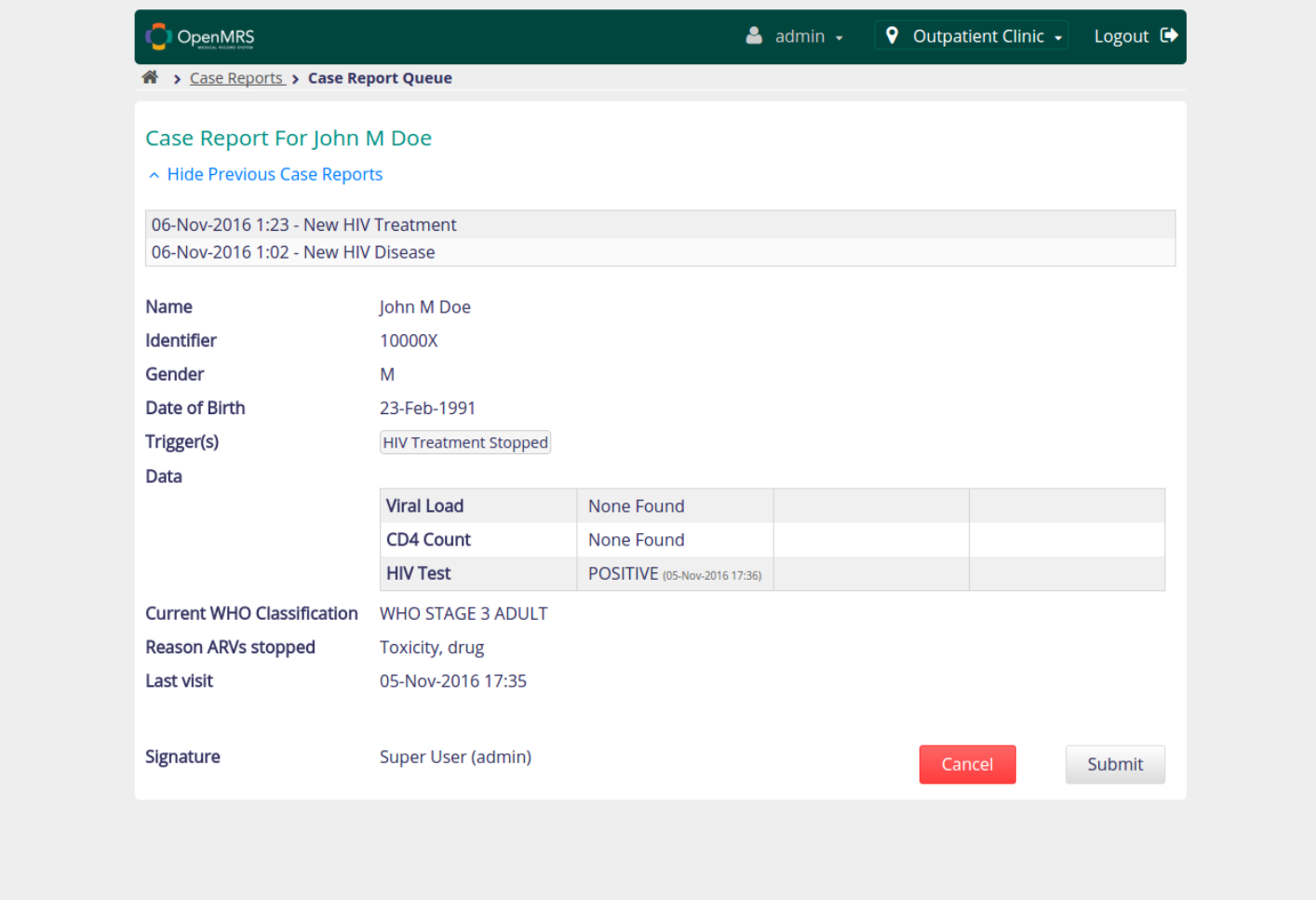
7. HIV Treatment stopped



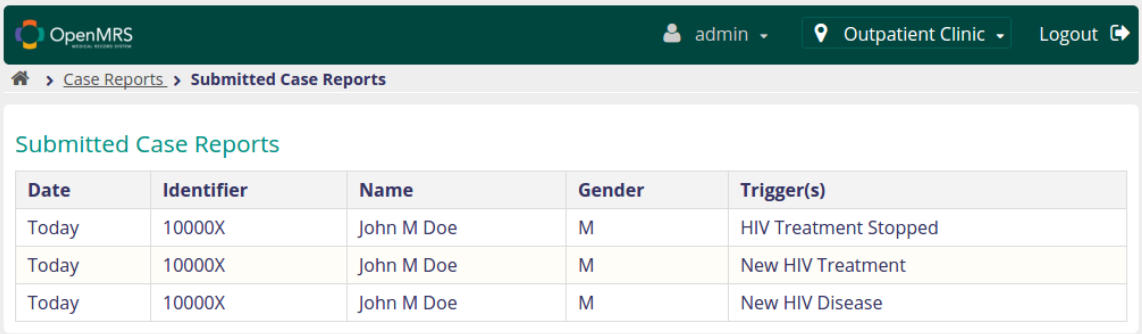
Case reporting queue



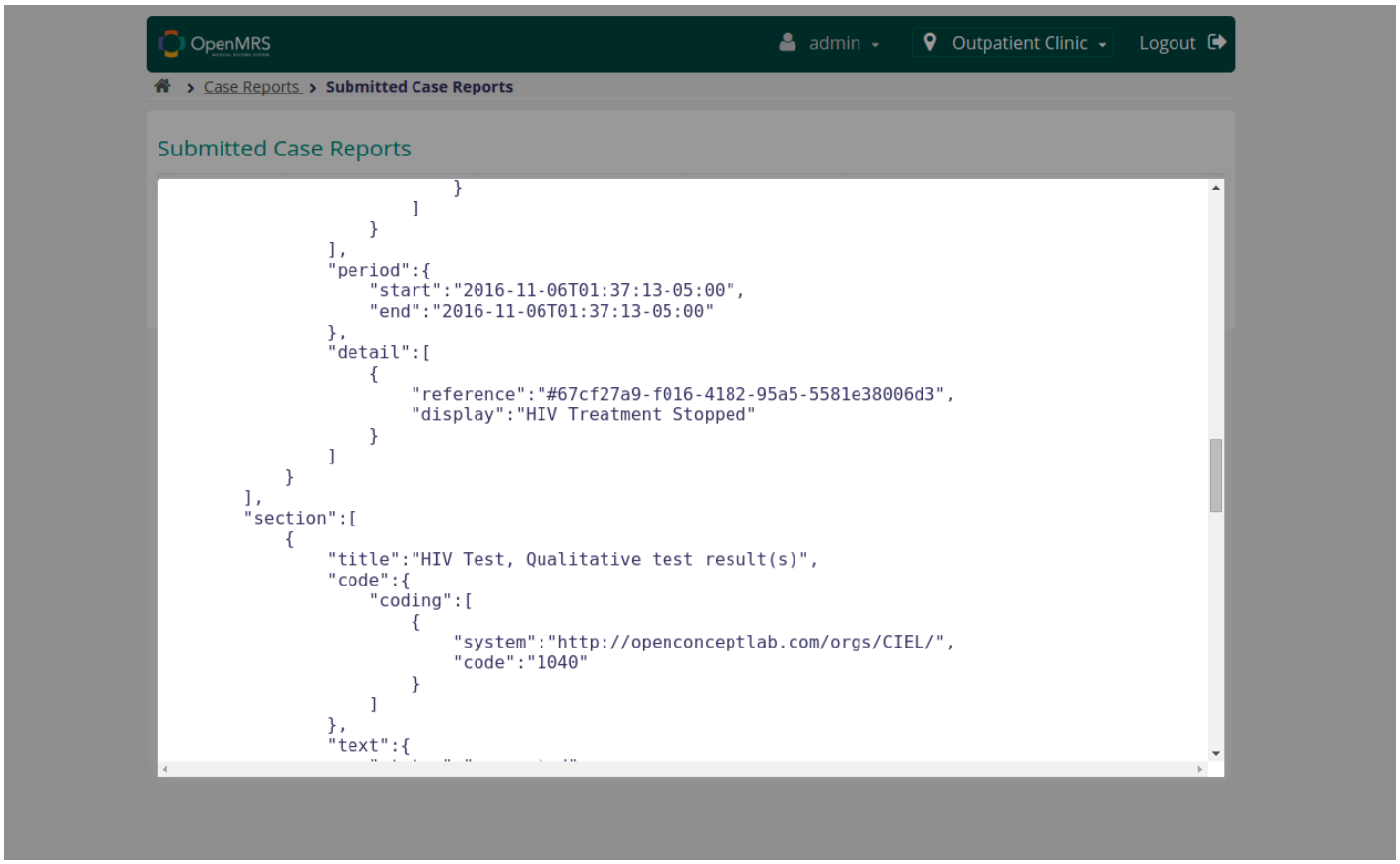
Review and submit case report



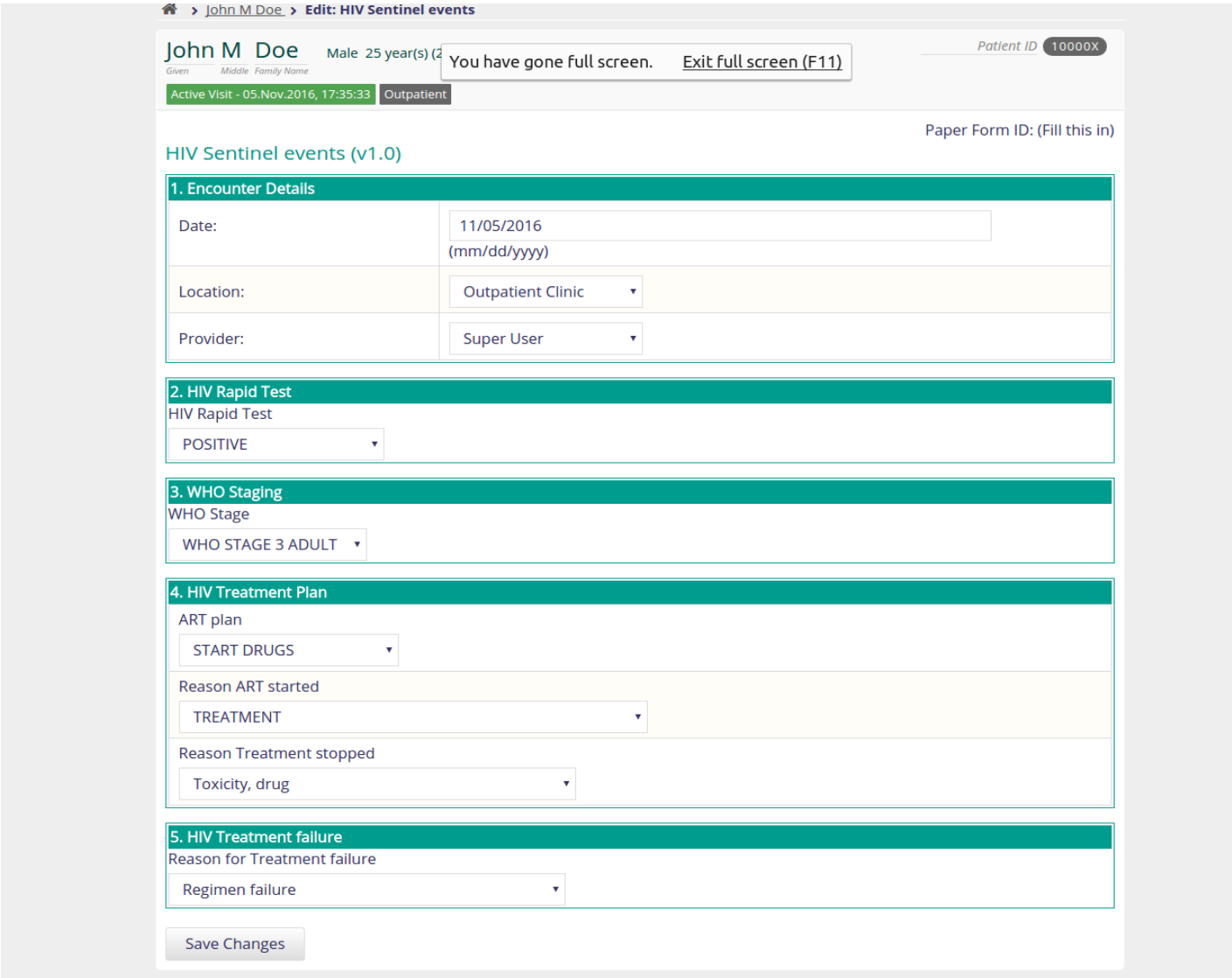
Submitted reports



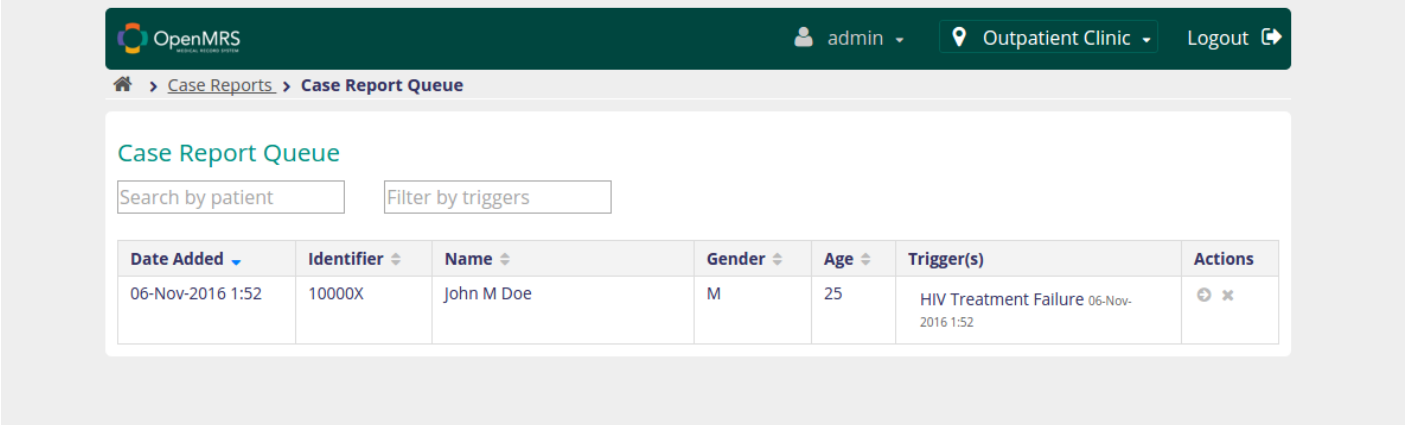
Case report as FHIR document



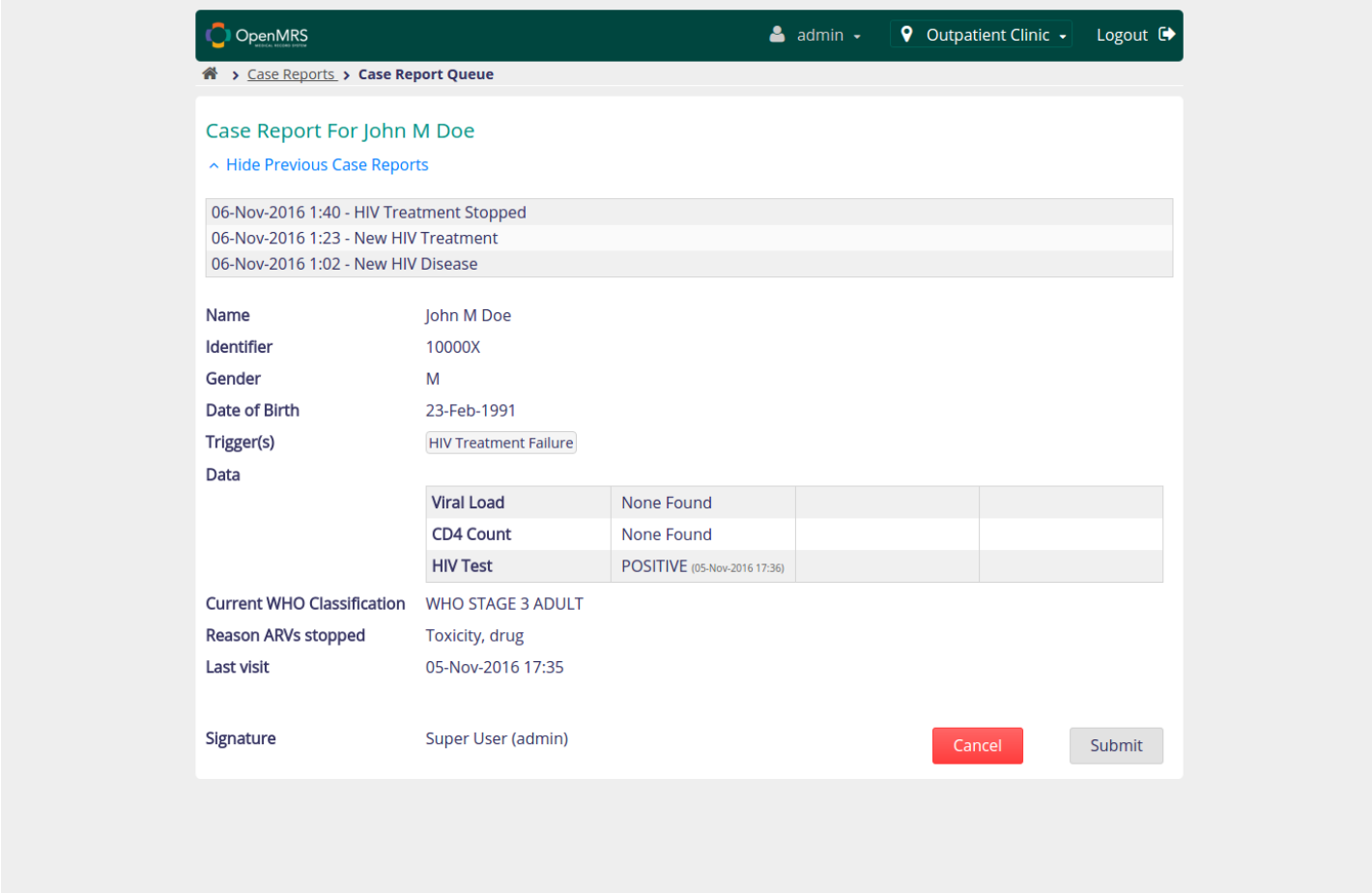
8. HIV treatment failure



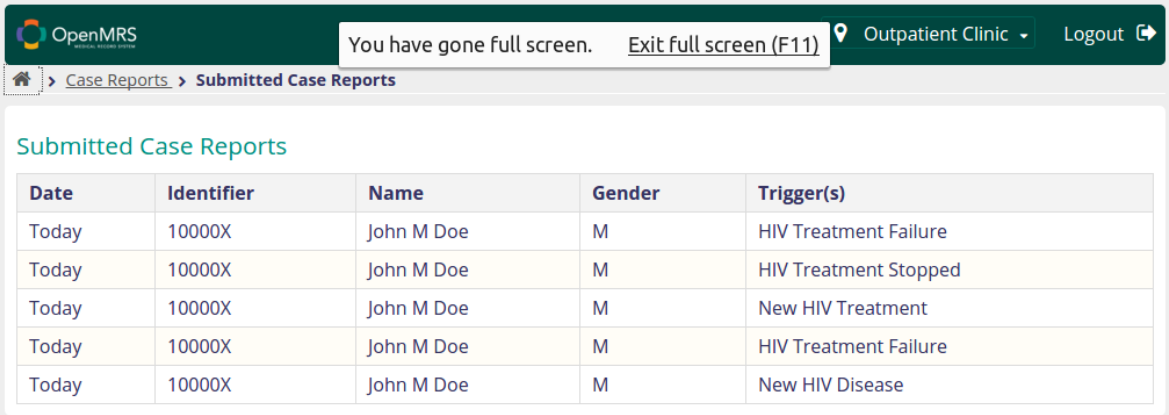
Case report queue



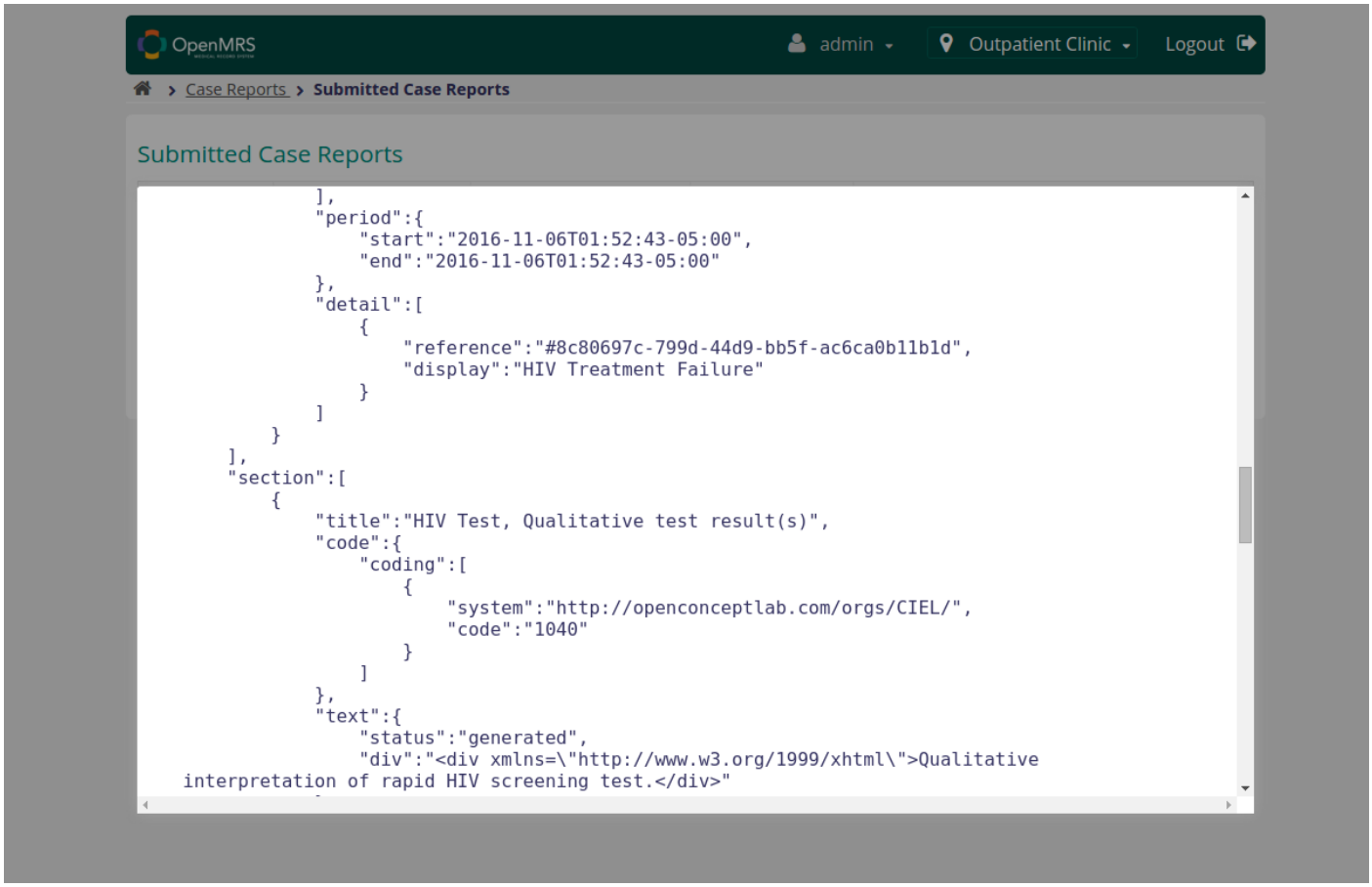
Review and submit or dismiss case report



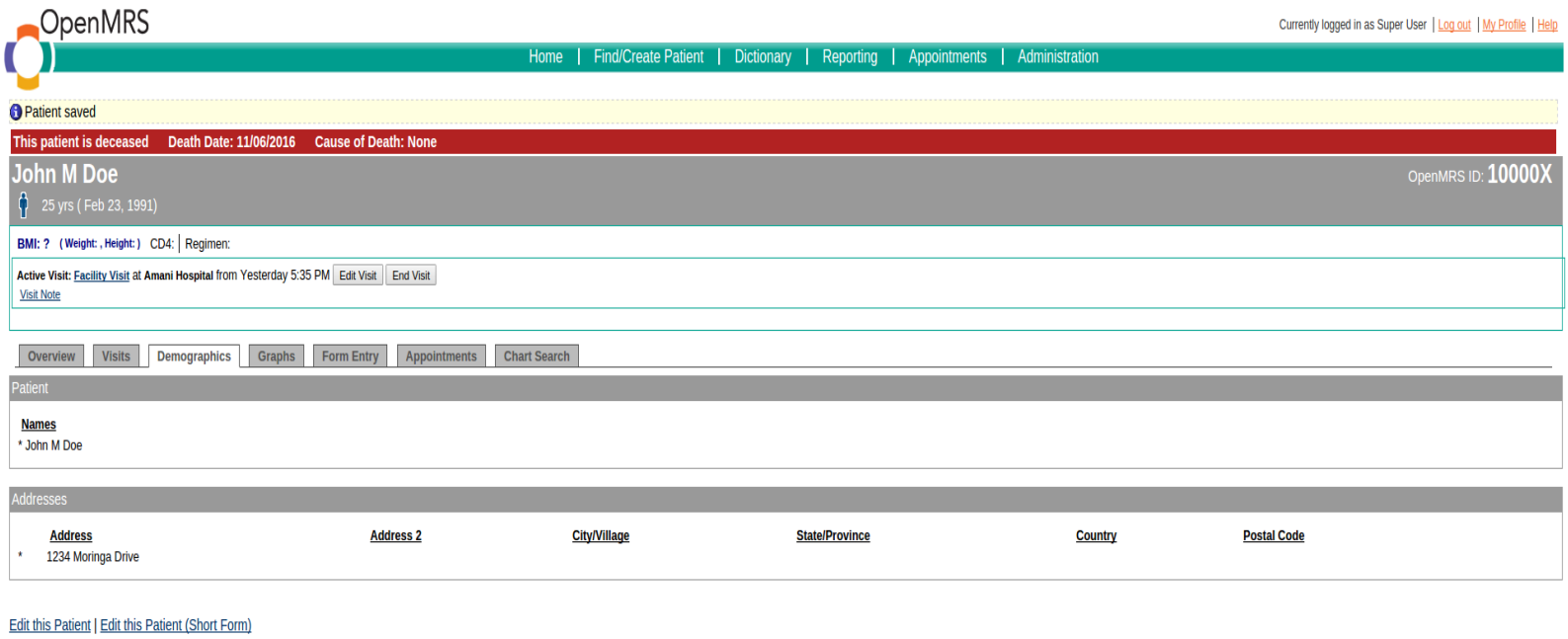
Submitted case reports



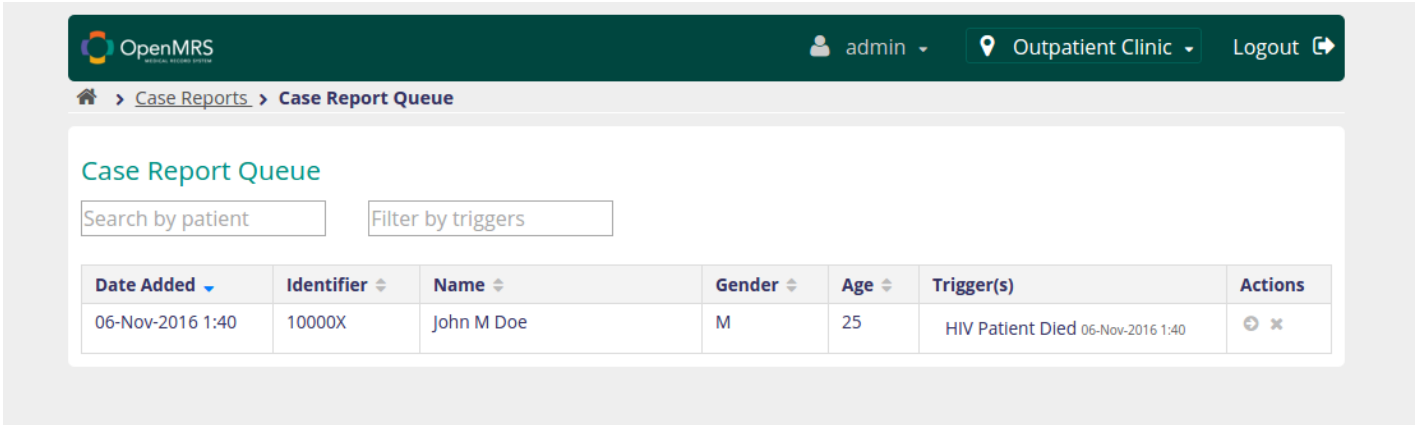
Case report as FHIR document



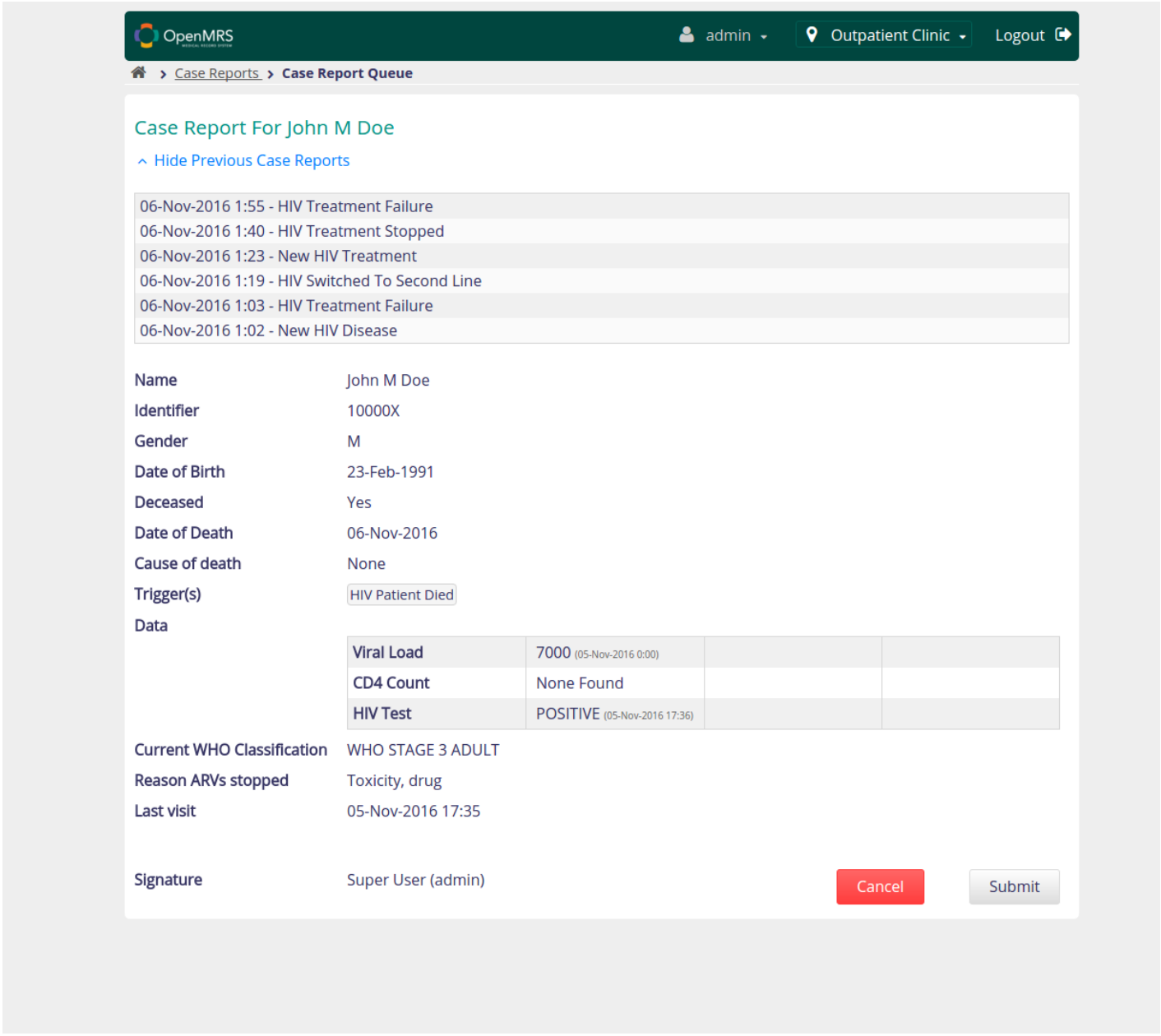
9. Patient died



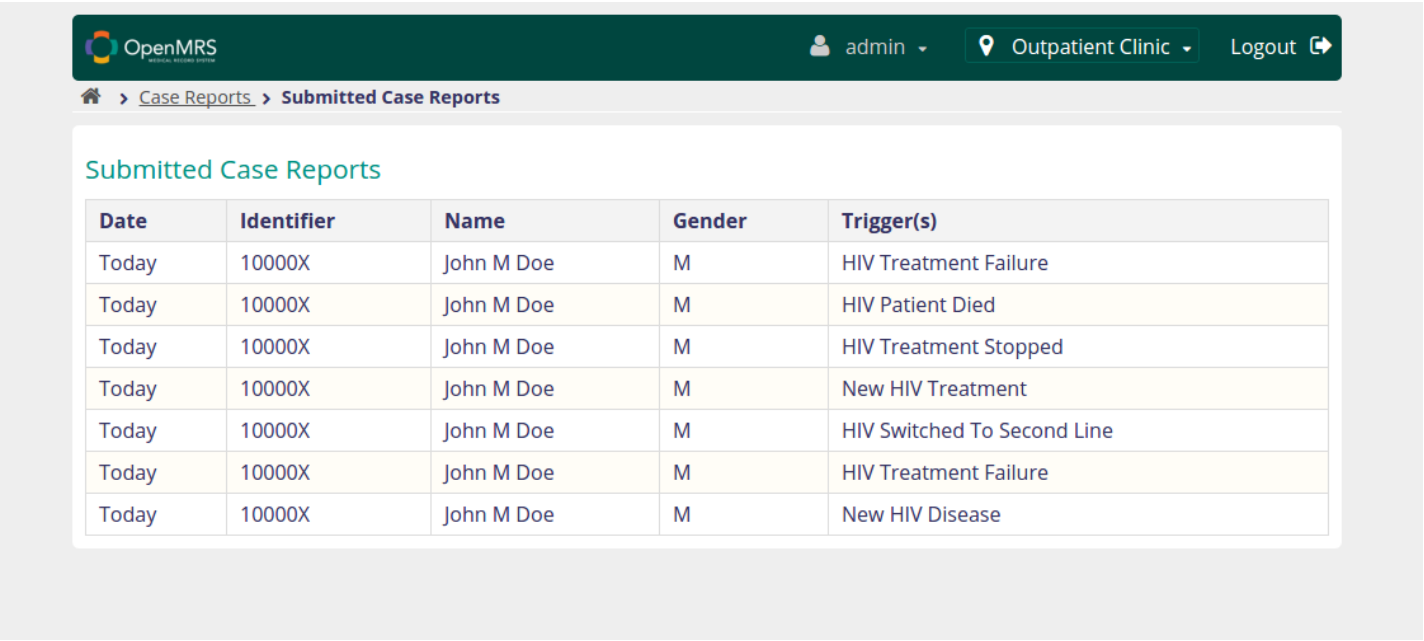
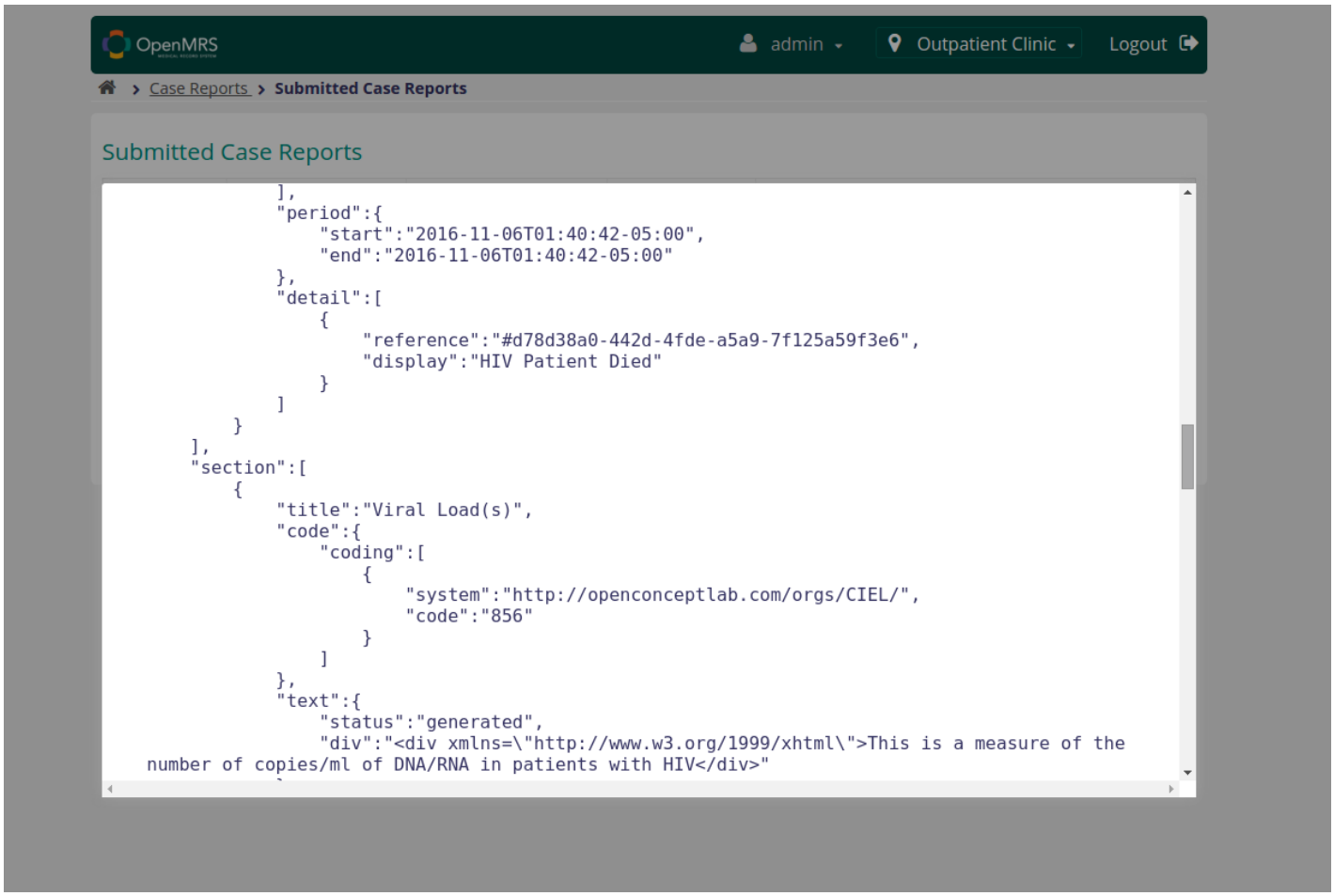
case report queue



Review and submit case report



Submitted case reports



case report as FHIR Document