## COVID-19 Public Health Response

### What is the OpenMRS platform response to COVID-19?

### COVID-19 Public Health Response Overview

<table>
<thead>
<tr>
<th>Goal</th>
<th>Output/Tool</th>
<th>Status</th>
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| Science-based tools for implementers and countries for COVID-19 that they can customize based on country guidance and context. | • **COVID-19 Starter-Set CIEL concept dictionary:** Terminology ready to support meaningfully encoded digital COVID-19 response  
• **OMRS COVID-19 Data Dictionary**                                                                 | DONE           |
| Digital tools for health care workers to screen, test, and manage patients infected with COVID-19. | • Forms: COVID-19 Form Bank and Concepts  
COVID-19 Form Bank and Concepts                                                                 | DONE           |
| Data for the public health community for public health surveillance, resource mobilization, and policy-making. | • **OpenHIM COVID-19 Data Exchange:** Develop an OpenHIM mediator that supports submission of OpenMRS COVID-19 case data to the DHIS2 COVID-19 Surveillance Digital Data Package, for cases where OpenMRS implementations are required to submit COVID-19 related data to DHIS2 tracker and/or aggregate (Phase 2).  
• **Improving OMRS Data Use for reporting and analytics in DHIS2:** Easier-to-use integration between the OpenMRS platform and DHIS2, to support implementers with structured, encoded data reporting related to COVID-19 and future pandemics. Strategic technical work in strategic preparation for upcoming ADX Indicator Guide for COVID-19 Reporting. | IN PROGRESS    |

### Where can you find us?

**On Talk**
https://talk.openmrs.org/c/projects/covid-19

**On Slack**
Slack: https://slack.openmrs.org/  Slack Channel: #covid-19

**Standing Weekly Call:**

**Who:** Anyone in the community interested in our COVID-19 response.

**When:** Wednesdays at 9:30pm IST | 7pm Nairobi | 6pm Cape Town | 4pm UTC | 12pm Boston | 9am Seattle

**Where:** https://iu.zoom.us/j/91346146997 (Password: 1)

### Google Drive Folder

The COVID-19 Response Project folder includes reference documents, meeting notes, etc.

### Meeting Notes & Call Recordings

- **July 22 - Present**
- 13 May 2020
- 6 May 2020
- 29 + 30 April 2020 (Care Cascade Discussion)
- 22 April 2020
- 20 April 2020 (OpenHIM+OpenMRS+DHIS2)
- 15 April 2020
- 8 April 2020
- 1 April 2020
- 25 March 2020
- 18 March 2020
- 13 March 2020

### Squad Members

- Theresa Cullen
- Andrew Kanter
- Hamish Fraser
- Ian Bacher
- Ellen Ball
- Steven Wanyee
- David DeSimone
- Antony Ojwang
- Sanjaya Poudel
- Shefali K
OpenMRS COVID-19 Response Tools

COVID-19 Public Health Response Module

In development:

Patient Intake, Registration, and Case Management

- Patient information
- Screening
- Travel and exposure risk history
- Clinical status
  - Clinical assessment
  - Laboratory data

In discussion:

- Referrals
- Program Enrollment
- Outcome
  - Case Report submission
  - PUI tracking
  - Clinical course/health outcomes

COVID-19 Public Health Reporting Module

In discussion:

- Clinical case reports
- Clinical summary with alerts
- Weekly/monthly reports
- Supply forecasting based on patient enrollment and care level
- System monitoring tool for EHR reliability and usage (available)
- Systems Interfaces
  - Laboratory, DHIS2, SORMAS, CommCare, etc

See also:

- USAID COVID Digital Response

Child pages:

- COVID-19 Form Bank and Concepts
- Indianapolis EMS Field Clinic Encounter
- PIH EMR COVID-19 Inpatient Care
- PIH EMR Lab ordering and results for COVID-19
- COVID-19 Reporting Indicators
- Improving OMRS to DHIS2 Integration
- COVID-19 Vaccine Tools: Proposal & Requirements