

The following test patients and encounters have been created to test eICR creation, generation of a reportability response and return of the reportability response to the sending system. As part of the testing scenarios, eICR's will be submitted to the AIMS Platform, validated, processed by the Reportable Condition Knowledge Management System (RCKMS), reportability responses will be generated and responses sent back to the sending system.

The provider and patient locations have been chosen to invoke specific jurisdictional authoring rules so it is important to enter the information as represented below. Using a different patient or provider address may result in an expected "No Rule Met" reportability determination in the reportability response.

All of the test scenarios result in a reportable condition with the exception of the Lab Order scenario which will return "No Rule Met"

1 Problem List, active

- On May 13th, 2020, a 17 year old female, Kari Kidd, comes to the doctor at an outpatient clinic with her mother
- Birth date is October 27, 2002
- Race -- Asian
- Patient Ethnicity -- Not Hispanic or Latino
- SSN – 555-555-5555
- Preferred Language – English
- The patient resides at 2222 Home Street, Salt Lake City, UT, 84101
- Patient email is kkkidd@email.com
- Patient phone is 555-555-2005
- The parent is Mum Martha
- Parent/Guardian email is mmmum@email.com
- Parent/Guardian mobile number is 555-555-5006
- Emergency contact is Emer Contact
- Emergency contact mobile number is 334-304-2665
- Outpatient clinic visit duration is 15 minutes
- Parent reports reason for visit as patient having difficulty breathing
- Patient presents to the physician with a cough.
- The patient has a temperature of 102.6F, which was recorded as a symptom of fever.
- Physician, Dr. Henry Seven:
- Provider phone: 555-777-0123
- Provider fax: 555-777-0987
- Provider email: provider@email.com
- Provider Office Name: Henry Seven and Associates
- Provider address: 1234 Provider Street, Salt Lake City, UT, 84101
- Facility the patient was seen: Utah Outpatient clinic
- Facility address: 0987 Facility Drive, Salt Lake City, UT, 84101
- Facility phone: 888-000-9999
- Facility fax: 888-000-1111

- Records history of present illness as "Since May 10, 2020 the patient has had difficulty breathing and a fever"
- Records reason for visit "Patient believes they have Covid-19"
- Records a SNOMED CT code of 186747009 - Coronavirus infection (disorder) in the child's electronic health record in the problem lists and lists the problem as active.

1 Lab Order

- On May 13, 2020, a 25 year old female Eve Everywoman visits a physician at an outpatient clinic
- Birth date December 12, 1995
- Race – White
- Patient Ethnicity – Hispanic or Latino
- SSN – 111-11-1111
- Preferred Language – English
- Occupation: Sales
- Pregnant, estimated delivery date September 29, 2020
- The woman resides at 1234 Patient Street. **New York City, NY 10012**
- Patient email is eeeverywoman@email.com
- Patient Mobile number is 555-555-2003
- **Emergency contact is Emer Contact**
- **Emergency contact mobile number is 334-304-2665**
- Outpatient clinic visit duration is 15 minutes
- Patient reports reason for visit is complaint of "fever, cough, exposure to COVID-19 hot zone"; symptoms have persisted for 1 day
- Patient reports recent travel to China for vacation from April 20, 2020 to May 10, 2020
- Patient presents to the doctor with symptoms of fever, cough, difficulty breathing
- General Practitioner Dr. Amanda Assigned:
- Provider phone: 555-777-0123
- Provider fax: 555-777-0987
- Provider email: provider@email.com
- Provider Office Name: Amanda Assigned and Associates
- Provider address: 1234 Provider Street, **New York City, NY 10012**
- Facility the patient was seen: New York City Outpatient clinic
- Facility address: 0987 Facility Drive, **New York City, NY 10012**
- Facility phone: 888-234-5678
- Facility fax: 888-333-1234
- Provider suspects COVID-19
- Records in History of Present Illness that patient recently returned from a trip to China with her husband
- The physician places a lab order for COVID-19 test 94310-0 - SARS-like Coronavirus N gene [Presence] in Unspecified specimen by NAA with probe detection to be submitted to the reference lab for testing
- No other diagnosis or active problem information has been entered into the medical record

1 Lab test name, even with negative result

- On May 12, 2020 a 52 year old male, Adam Everyman visits physician at an outpatient clinic

- Birth date is September 13, 1967
- Race – Black or African American
- Patient Ethnicity – Not Hispanic or Latino
- SSN – 333-33-3333
- Preferred Language – English
- Occupation – Plumber
- The patient resides at 0987 Home Street Provo, UT, 84601
- Patient email is aaeveryman@email.com
- Patient mobile number is 555-555-2004
- Emergency contact is Emer Contact
- Emergency contact mobile number is 334-304-2665
- Outpatient clinic visit duration is 15 minutes
- Patient reports reason for visit as complaint of a “thinks he was in contact with a COVID-19 positive person”
- Patient presents with no symptoms except slightly elevated temperature
- Symptoms recorded in history of present illness section
- Physician, Dr. Harold Hippocrates:
- Provider phone: 555-777-0123
- Provider fax: 555-777-0987
- Provider email: provider@email.com
- Provider Office Name: Harold and Associates
- Provider address: 1002 Healthcare Drive, Provo, UT, 84601
- Facility the patient was seen: Provo Outpatient clinic
- Facility address: 1002 Healthcare Drive, Provo, UT 84601
- Facility phone: 555-777-0123
- Facility fax: 555-777-0987
- On May 12, 2020 – places an order for a - SARS-related coronavirus RNA [Presence] in Unspecified specimen by NAA with probe detection with LOINC code 94647-5
- The lab result report is received May 13, 2020
- Includes a result of Not Detected for COVID-19, Not Detected for Chlamydia trachomatis, and Detected for Neisseria gonorrhoea
- The lab result report, including test names and results, is recorded in the clinical system.

1 Lab test result

- On May 13, 2020, a 29 year old female, Jane Doe visits physician at urgent care clinic
- Birthdate is October 2nd, 1990
- Race – Native Hawaiian or other Pacific Islander
- Patient Ethnicity – Not Hispanic or Latino
- SSN: 444-44-4444
- Preferred Language – English
- Occupation –Postsecondary teacher (code 2200)
- Patient is Not Pregnant
- The patient resides at 2222 Home Street Houston, TX 77002
- Patient email is janedoe@email.com
- Patient mobile number is 555-555-2003
- Emergency contact is Emer Contact
- Emergency contact mobile number is 334-304-2665
- Outpatient clinic visit duration is 15 minutes
- Patient reports reason for visit is “cough, fever, shortness of breath”

- Patient reports recent travel to visit family in Milan, Italy from February 22, 2020 to March 5, 2020
- Physician, Dr. Amanda Assigned:
- Provider phone: 555-777-0123
- Provider fax: 555-777-0987
- Provider email: provider@email.com
- Provider Office Name: Amanda Assigned and Associates
- Provider address: 1234 Provider Street **Houston, TX 77002**
- Facility the patient was seen: Houston Urgent Care clinic
- Facility address: 1234 Facility Drive, Houston, **TX 77002**
- Facility phone: 555-777-0123
- Facility fax: 555-777-0987
- Provider collects specimen to perform the following lab test 94310-0 - SARS-like Coronavirus N gene [Presence] in Unspecified specimen by NAA with probe detection
- The lab result report is received May 14, 2020
- Includes a result of "detected"
- The lab result report, including test names and results, is recorded in the clinical system

1 Diagnosis

- with multiple criteria matches e.g., Lab result and diagnosis (this could be the fully populated example)
- fully populated scenario (including immunization and medications)
- On May 13, 2020, a 40 year old male, Joseph Patient gets admitted to the hospital
- Birthdate is July 30th, 1989
- Race – American Indian or Alaska Native
- Patient Ethnicity –Not Hispanic or Latino
- SSN: 222-22-2222
- Preferred Language – Spanish
- Occupation – Sales
- The patient resides at 2222 Home Street **Sacramento, CA 94203**
- Patient email is jose@email.com
- Patient mobile number is 555-555-2003
- **Emergency contact is Emer Contact**
- **Emergency contact mobile number is 334-304-2665**
- Outpatient clinic visit duration is 15 minutes
- Patient reports reason for visit is "cough, fever, difficulty breathing"
- Patient reports recent travel for vacation to Wuhan China from April 22, 2020 to May 5, 2020
- Physician, Dr. Carmen SanDiego:
- Provider phone: 555-777-0123
- Provider fax: 555-777-0987
- Provider email: provider@email.com
- Provider Office Name: Amanda Assigned and Associates
- Provider address: 1234 Provider Street **Sacramento, CA 94203**
- Facility the patient was seen: Sacramento Hospital
- Facility address: 1234 Facility Drive, **Sacramento, CA 94203**
- Facility phone: 555-777-0123
- Facility fax: 555-777-0987

- Provider notes immunization history of patient receiving the influenza vaccination on November 10, 2019
- Provider collects specimen to perform the following lab test
94308-4 - SARS coronavirus 2 N gene [Presence] in Unspecified specimen by Nucleic acid amplification using primer-probe set N2
- The lab result report is received May 14, 2020 and includes a result of “detected”
- The lab result report, including test names and results, is recorded in the clinical system
- On May 14, 2020 once the lab results are received the physician enters into the medical record a diagnosis ICD-10 code B97.2 - Coronavirus as the cause of diseases classified elsewhere
- Provider prescribes medication Remdesivir 100 mg Injection RXNorm 2284960