Collective Platform Enhancements for COVID-19
April 24, 2020
Collective Medical’s COVID-19 Additions to Collective Platform (as of April 2020):

- Positive COVID-19 Lab Results Flag & Notification
  - Positive lab result data from WA Department of Health
  - Private lab vendors (e.g., LabCorp, Quest) are also included in the DOH data, since like local health authorities, they also submit results to the state

- COVID-19 Cohorts
  - Diagnosis related, from admission/discharge/transfer (ADT) data submitted by EDs/Hospitals
Positive COVID-19 Lab Results Flag and Notification

Appears in the same location in Collective Platform as all other flags—in the patient demographic section at the top of the patient overview page, as per the following example:

Image from Collective Medical Customer Community (https://community.collectivemedical.com/)
Positive COVID-19 Lab Results Flag and Notification

The positive lab result is also sent as part of (or as its own) notification, and appears in the Flags section of the notification as below:

![Image from Collective Medical Customer Community](https://community.collectivemedical.com/)

COLLECTIVE NOTIFICATION 03/25/2020 14:39 Patient, Sample MRN: 425376RBG

**Criteria Met**

COVID-19 Positive Lab Results

**Flags**

- Positive COVID-19 Lab Result - A specimen collected from this patient was positive for COVID-19 on the date below (see "Attributed on" date). Please refer to the Department of Health webpage for clinical and infection control guidelines. | Attributed By: Department of Health | Attributed On: 03/25/2020
Positive COVID-19 Lab Results Flag and Notification

Other features to note about the Lab Result Flag:

- The flag is independent of ADT data from EDs/hospitals. If a provider has a HIPAA-compliant relationship with a patient in their eligibility file with Collective Medical, they will receive a flag or notification about a lab test.

- Users can also produce a scheduled report of their patients with a positive COVID-19 flag.

- Collective is also processing COVID-19 flags for other states (Virginia now, others to follow).

- COVID-19 flags expire and are removed from a patient after a specified timeframe (~6 weeks).
COVID-19 Cohorts

- Cohorts are encounter-based criteria defined by your facility that are used to draw attention to patients who meet that criteria.

- As an example, you can create a Cohort of your patients who are identified as having Diabetes or Depression, or those who have a customized number of ED visits within a certain time period.
COVID-19 Cohorts

Cohorts are available in the upper-left hand corner of your Collective Platform screen:

Image from Collective Medical Customer Community
(https://community.collectivemedical.com/)
COVID-19 Cohorts

There are currently three different COVID-19 cohorts:

- A cohort that tracks the use of COVID-19, coronavirus, and other key words as part of a patient’s chief complaint
- A cohort that tracks coronavirus diagnosis codes
- A cohort that tracks commonly related symptoms to coronavirus such as pneumonia and acute respiratory distress to hotspot outbreaks and alert case managers to their patient’s hospital activity
# COVID-19 Cohorts

<table>
<thead>
<tr>
<th>Member Identified</th>
<th>Criteria</th>
<th>Use Case</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Coronavirus Chief Complaint Cohort</strong></td>
<td>1. Free text of “coronavirus” or “corona virus” or “covid”&lt;br&gt;2. Free text of “flu like” “flu-like”</td>
<td>Possible (but not confirmed) COVID-19 chief complaint cohort.&lt;br&gt;Engage members to educate and support in isolation protocols for those discharged to home.</td>
</tr>
<tr>
<td><strong>Possible Coronavirus Diagnosis Cohort</strong></td>
<td>1. B97.29 Other Coronavirus&lt;br&gt;2. B34.2 Coronavirus infection, unspecified&lt;br&gt;3. U07.1 2019-nCOV Acute Respiratory Disease*</td>
<td>Possible (but not confirmed) COVID-19 diagnosis cohort.&lt;br&gt;Engage members to educate and support in isolation protocols for those discharged to home.</td>
</tr>
<tr>
<td><strong>Related Coronavirus Diagnoses Cohort</strong></td>
<td>1. J12.89 Pneumonia&lt;br&gt;2. J20.8 Bronchitis&lt;br&gt;3. J22 Lower Respiratory Infection&lt;br&gt;4. J80 Acute Respiratory Distress&lt;br&gt;5. Z20.828 Contact with and suspected exposure to other viral communicable diseases.</td>
<td>High level trends of coronavirus related diagnoses.&lt;br&gt;Possibly useful in a scenario where testing protocols are not yet in place or may be lacking and leveraging of related diagnoses might indicate possible early hotspots to prioritize testing or resources.</td>
</tr>
</tbody>
</table>

COVID-19 Cohorts

Other features to note about COVID-19 Cohorts:

- Use of the Coronavirus Chief Complaint Cohort can result in false positives, since work-up or rule-out diagnoses are included.
- Cohorts ARE generated from ADT data, so information comes from information received after ED/hospital activity (unlike the lab flag).
For Further Information:

You can access https://community.collectivemedical.com/ for learning tools on the Collective Customer Community...

Image from Collective Medical Customer Community (https://community.collectivemedical.com/)
You can also access the Collective Community by clicking the "Help" button on the left side of the Collective Platform screen...
The Community contains FAQs and articles about the new COVID-19 functionality and the Collective Platform in general...

COVID-19 Flag & Notification — FAQ

Frequently Asked Questions (FAQ) related to the COVID-19 flag features in the platform.

Questions

Q: What is the COVID-19 Positive Lab Results flag and notification? What does it do?

A: The COVID-19 Positive Lab Results flag provides awareness to care team members that a patient has had a recent positive COVID-19 lab result.

Collective will send an emergency department notification for any patient with a COVID-19 Positive Lab Results flag. Additionally, within our Flags feature in our portal, Collective will include reminder text that these patients need special care and link to best practice information from the source of the flag.

These flags are set by contributions from public health entities and/or laboratories that provide test results to the Collective network. Currently, we are flagging patients based on data that we are receiving from public health organizations in the Pacific Northwest, but are in active conversations with entities nationally. If your organization is interested in contributing COVID-19 test results, please contact covid19@collectivemedical.com. We’d love to work with you.

Image from Collective Medical Customer Community (https://community.collectivemedical.com/)
For Further Information:

- You can also reach out to support@collectivemedical.com to contact a member of the Collective Medical Support Team.

Or...

- You can contact Wei-Lin Huang (WHuang@comagine.org) or Maria Klemesrud (MKlemesrud@comagine.org) for Collective Platform training.