# Outpatient Rapid PCR Testing: Flu A&B/RSV/ SARS CoV-2
## Guidelines, Epic Instructions, FAQ

**This document includes:**

- Patient eligibility and testing guidelines, and Epic Instructions
- FAQs addressing testing hours, turnaround time, results notification

**Respiratory Viral Tests for FHCC Outpatients Presenting with New Respiratory Symptoms**

Please note that for most patients presenting with <u>new respiratory viral symptoms</u>, the Rapid Flu/ RSV/ SARS CoV-2 PCR should generally be ordered. An exception is BMT/ IMTX for whom the extended respiratory viral PCR <u>AND</u> SARS CoV-2 PCR should generally be ordered.

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|  | Order Test Code | Turnaround time | Patient population | Comments |
|---|---|---|---|---|
| **Rapid Flu A&B/ RSV/ SARS CoV-2 PCR** | FABRCV (Search for FHCC Rapid in Order Taskbar) | < 4 hrs, possibly longer depending on test volume | All non-BMT/ IMTX<br><br>BMT/ IMTX pts requiring same day turnaround to guide clinical decision-making* | Only available at South Lake Union (SLU) and Northwest; Evergreen, Peninsula, and Issaquah may collect and send to SLU; Overlake may order as per lab manual.<br><br>CT values not available** |
| **SARS CoV-2 PCR** | NCVQLT | 24 hrs | BMT/ IMTX | CT values may be available upon lab request** |
| **Extended Respiratory Viral PCR Test (Does not test for SARS CoV-2)*** | REVSQF | 24 hrs | BMT/ IMTX<br><br>Consider in other pts (e.g. heme malignancy receiving high-intensity chemo) on case by case basis*** | Detects 14 viruses; coronaviruses included on the extended panel are non-SARS CoV-2 human coronaviruses. <u>**SARS CoV-2 must be ordered separately.**</u> CT values are routinely reported.** Insurance coverage may be variable outside of BMT/CAR-T with potential costs to the patient |

*For BMT/ IMTX pts presenting with new respiratory symptoms, ordering an extended respiratory viral PCR <u>AND</u> SARS CoV-2 PCR is preferred due to the broad range of respiratory pathogens that may influence therapy decisions. In situations where same day turnaround is needed to guide clinical decision-making, a rapid Flu/ RSV/ SARS CoV-2 PCR may be performed.

** CT (Cycle threshold) is a semi-quantitative measure of viral load. Questions about CT values should be directed to ID.

*** Consider in hematologic malignancy patients with **<u>NEGATIVE</u>** Rapid Flu A/B/ RSV/ SARS CoV-2 with ongoing or worsening symptoms and clinical concern for respiratory viral infection.  May be used as initial test (+ SARS CoV-2 PCR) in hematologic malignancy receiving high intensity chemotherapy if results of extended panel will change clinical management (e.g. timing of chemo, etc).

# EPIC INSTRUCTIONS

> **COVID-19 Patient Testing Guidelines are subject to change. Please refer to the criteria for testing, regularly updated on [COVID-19 page](#). Below are the instructions on how to order in Epic.**

Below are Epic Instructions for:

- Ordering Rapid Flu A & B, RSV, SARS CoV-2 PCR for Symptomatic Patients at South Lake Union or Northwest Hospital Fred Hutch clinics
- Specimen collection
- Surveillance COVID testing
- COVID Testing (includes Rapid Flu A&B RSV, SARS CoV-2 PCR) – Phone Call SmartSet
- COVID Testing (includes Rapid Flu A&B RSV, SARS CoV-2 PCR) – In Clinic/Walk In SmartSet

## Ordering Rapid Flu A&B RSV, SARS CoV-2 PCR for Symptomatic Patients at FHCC SLU or NWH

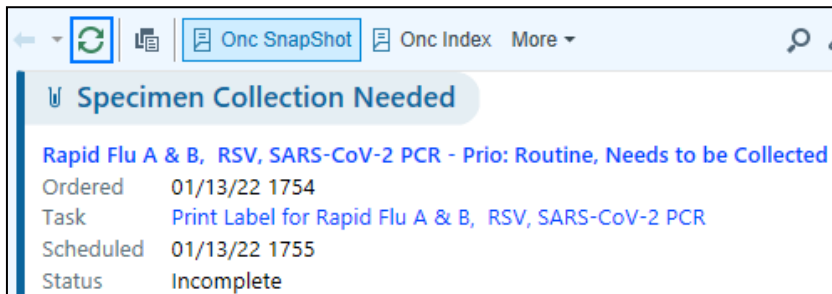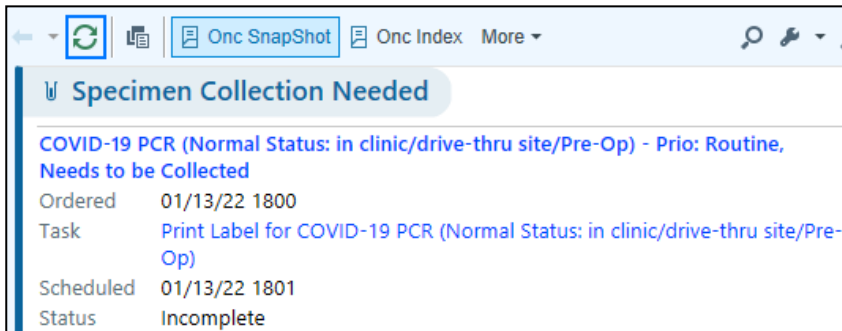Test includes: SARS-CoV-2, Influenza A, Influenza B, and RSV.

1. Open the patient's chart to an Orders Only encounter or appointment encounter.
2. In the Orders Taskbar search for **FHCC Rapid (other synonyms may include "Rapid flu, Rapid RSV, Rapid Covid"**
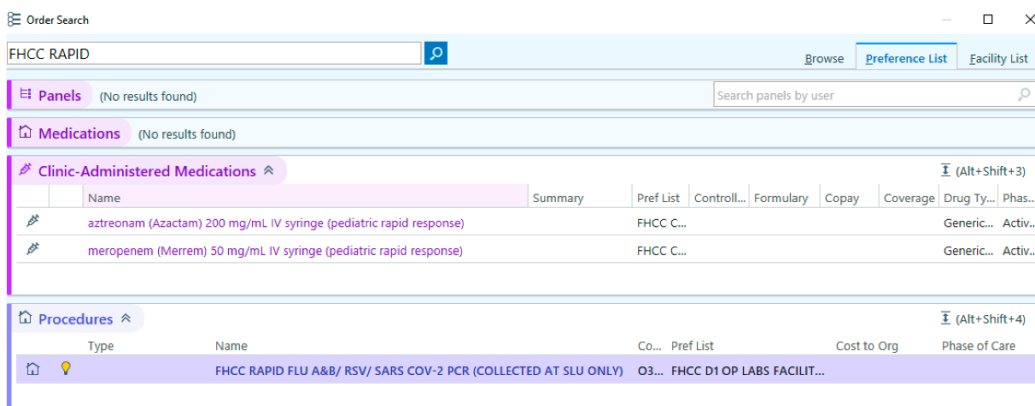


3. Select the **FHCC Rapid Flu A & B/RSV/SARS-CoV-2** option.
   a. Then select **Rapid Flu A & B, RSV, SARS-CoV-2 PCR** order.
   b. Complete all details including:
      I. **Status**= Future
      II. **Expected Date**= Today (or day of collection)
      III. **Diagnosis**
4. Sign the orders.

## Routine COVID and Rapid Flu A&B RSV, SARS CoV-2 PCR specimen collection

1. Arrive/check in the patient (per current state).
2. Open the patient's chart to the appropriate appointment encounter.
3. Review the side bar for **Specimen Collection Needed** for lab(s) due this visit.
4. If no labs are present or for walk in patients, navigate to **Order Review** and release the appropriate lab(s).
5. In the sidebar from **Specimen Collection Needed**
   a. Select the **Print Label** Task for the order. Refresh the Onc Snapshot report if the labs are not displaying.
   b. Select the **Order Completion Task** and document the collection date/time.





6. For patients using a QR code sticker for results
   a. Navigate to **Chart Review** and select the lab order.
   b. From **Order Reprint Requisition** click on the lab to print a requisition.
7. Create note and use the template .**COVID19SAMPLECOLLECTED** and remove the "drive-up" text from this and add any additional information.
8. Complete any additional charting and close the chart or **Sign Encounter** if applicable (lab visits do not require encounter signing.

## Surveillance COVID testing

1. Open the patient's chart to an Orders Only encounter or appointment encounter.
2. In the Visit Taskbar search for *COVID-19 PCR* order.
3. Review the order details and change the Status to **Standing** with the appropriate frequency and number of tests needed.



4. Indicate the start date in the **Sched Inst**.
5. Sign the orders

## COVID Testing (includes Rapid Flu A&B RSV, SARS CoV-2 PCR) – Phone Call SmartSet

1. Phone Call: Select **Telephone Call** to create a telephone encounter.
2. Complete the **Call Intake** details as appropriate.
3. Enter a **Reason for Call** of **Lab Draw**.
4. Navigate to **Take Action** and scroll down to **SmartSets**.
5. Select **My Version COVID-19** and **Open SmartSet** and
6. jump to #6.  If this is your first time, from **SmartSets** search
7. for and select the **COVID-19** SmartSet.
   a. Select **Create My Version** and follow the steps below to
8. customize the SmartSet.
   a. Customize details in the SmartSet as appropriate.
   b. Reason for visit: leave this blank as this varies by patient.
   c. Charting: select COVID-19 RN Triage Note.
   d. Orders: for the Rapid Respiratory Screen, select **Rapid Flu A &B/RSV/SARS-CoV-2.**
9. *OR*
   a. Labs: select the appropriate lab order.
   b. Open the order and select the following
   c. Status to **Future**.
   d. Expected Start Date: **Today** and check the **Approx.** box.
   e. Expires: **1 Year**.
   f. Diagnosis: leave this blank as this varies by patient.
10. h.  Select **Accept** to save your version.
11. Add the appropriate **Reason for Visit** and **Diagnosis**.
12. **Patient Instructions** or **LOS** are not needed.
13. Select **Sign** and Associate the Diagnosis.
14. Select the Order mode **Per Protocol: No Cosign Required**.
15. Enter the name of the provider as the **Ordering Provider** field and Accept.
16. In the sidebar, complete the note details.
17. Complete any additional charting.
18. **Sign Encounter**

# COVID Testing (includes Rapid Flu A&B RSV, SARS CoV-2 PCR) – In Clinic/Walk In SmartSet and Collection

Arrive/check in the patient (per current state).

1. Open the patient's chart to the appropriate appointment encounter.
2. Navigate to the **Plan** tab and select the **COVID-19** SmartSet.
3. Select **Open SmartSet**.
4. Add the appropriate **Reason for Visit.**
5. Select the **COVID-19 RN Triage Note**.
6. Select the appropriate orders:
   a) Orders: for the Rapid Respiratory Screen, select **Rapid Flu A & B/RSV/SARS-CoV-2.**
      *OR*
   b) Labs: select the appropriate lab order.
7. Add the appropriate **Diagnosis.**
8. **Patient Instructions** or **LOS** are not needed.
9. Select **Sign** and Associate the Diagnosis.
10. Select the Order mode **Per Protocol: No Cosign Required**.
11. Enter the name of the provider as the **Ordering Provider** field and **Accept**.
12. In the sidebar, complete the note details.
13. Navigate to **Order Review** and release the appropriate lab(s).
14. In the sidebar from **Specimen Collection Needed**
    a. Select the **Print Label** Task for the order.
    b. Select the **Order Completion Task** and document the collection date/time.
15. Navigate to **Chart Review** and select the lab order.
16. From **Order Reprint Requisition** click on the lab to print a requisition.
17. Complete the **COVID-19 RN Triage Note**.
18. In the note, add the collection template .**COVID19SAMPLECOLLECTED** remove the "drive-up" text from this and
    add any additional information.
19. Complete any additional charting and close the chart or **Sign Encounter** if applicable (lab visits do not require encounter signing).

# FAQs and General Information

**Hours of Testing and Location of test:**

- o Location – Only available at South Lake Union (SLU) and Northwest; Evergreen, Peninsula, and Issaquah may collect and send to SLU; Overlake may order as per lab manual.
- Testing is performed upon receipt M-F 6 AM to 9 PM, Weekends/Holidays 7:30 AM to 4:30 PM.
- Tests will run in the order of receipt only.
- Tests remaining at the end of each day will be reordered under NCVQLT (COVID-19 testing) and FLURSV (Flu A &B and RSV testing) and transported via STAT courier to UW Virology prior to closing for the night.

**Are community site patients eligible for Rapid COVID/FLU/RSV Respiratory Panel PCR test?**

- Only available at South Lake Union (SLU) and Northwest; Evergreen, Peninsula, and Issaquah may collect and send to SLU; Overlake may order as per lab manual.
- Community site providers can order this rapid test per the guidelines in the table on page 1 (see table), **but the patients must travel toSouth Lake Union clinic to get the test collected.**

**Which patients are eligible for Rapid COVID/FLU/RSV Respiratory Panel PCR?**

- Non BMT/IMTX patients with new respiratory symptoms. This test may be ordered in symptomatic BMT/IMTX patients if results will impact clinical treatment decision-making within 48hrs.

**Which patients are NOT eligible for Rapid COVID/FLU/RSV Respiratory Panel PCR?**

- Patients receiving asymptomatic surveillance testing (e.g. BMT/ IMTX)
- Patients undergoing bronchoscopy

**Does this test need to be verified by a routine COVID-19 test?**

- No, the rapid PCR is sufficient for confirming a COVID-19 positive result.

**How are test results communicated to care teams and patients?**

- **Positive** results:
    - o **Care team is responsible for informing the patient and determining eligibility and arranging therapeutics**. In Epic, the storyboard will automatically reflect the infection. For rapid tests, Alliance lab will call care teams as a courtesy – this is not a critical lab result.

    - o On weekends, the Fred Hutch Triage Nurse line (206-606-1866) will communicate positive results to patients and inform them that a provider will review their chart and contact them if eligible for Paxlovid or monoclonal antibodies. Weekend Infusion Providers will evaluate patients for Paxlovid and contact eligiblepatients with prescription information.

- **Negative** test results:
    - o Will automatically appear in chart, and no courtesy call will be made to care teams about negative results.
    - o Patients can access the negative result through MyChart.

**Are we using different collection materials for the Rapid tests than we use for Routine tests?**

- The same swabs and UTM are used for both Rapid and Routine COVID-19 PCR tests.
- NOTE: The rapid testing swab CANNOT be shared with other virology testing. **If you are ordering an extended respiratory panel or other viral testing, you must collect two swabs and place in two different, labeled viral transport media containers.**

**What is the turnaround time for the rapid test?**

- The expected turnaround time is < 4 hours. However, because Alliance Lab can only process 8 tests/hour, the turnaround time could be longer based on backlog, and how many samples need processing.

**What happens if there is a large backlog of rapid tests?**

- Samples that have not been processed by 9 PM M-F and 4:30pm S/S/holidays as rapid tests will be sent to UW Virology Lab to be processed as routine PCR tests (therefore resulting will take 24-72 hours.) The rapid test order will be canceled by Alliance Lab and the appropriate UW order will be added by Alliance Lab.
- Alliance Lab can only process 8 rapid tests per hour, therefore there may be a backlog in providing results. Therefore ordering appropriately is critically important – refer to guidelines.