

Service Area: Surgical Service Procedural Areas	YALE NEW HAVEN HEALTH SYSTEM STANDARD OPERATING PROCEDURE	
Title: COVID (SARS-CoV-2) Testing for Surgical Services and Procedural Areas		
Date Approved: 5/7/2020	Approved by: COVID Testing Stewardship Committee and Surgical Services Executive Council	
Date Effective: 5/7/2020		Date Reviewed/Revised: 6/19/2020
Distribution: Surgical Services/Procedural Area Medical Staff & Leadership		Yale New Haven Health

PURPOSE

To define the workflow for pre-procedure COVID-19 testing for patients requiring surgical, endoscopic and/or interventional procedures.¹

APPLICABILITY

This standard operating procedure applies to adult and children outpatient and surgical admissions.

STANDARD OPERATING PROCEDURE

Timing of Testing

Patients must be **tested within 3 calendar days** of the scheduled procedure.² Patient must agree to self-isolate for 7-days prior to scheduled procedure. Patients who have been tested within 3 days will not require a retest. **Patients who fail to arrive for their scheduled pre-procedure SARS-CoV-2 test, will need to have the procedure rescheduled and/or cancelled. This recommendation is based on the limited availability of the day of surgery testing modality, the 2hr Cepheid SARS-CoV-2 test. This was agreed to by all delivery networks.**

Ordering and Results Management

Patients receiving anesthesia services can have **the Epic Lab order LAB10827 placed by the Ordering Provider (MD and/or APP)** or ordering can be done by the procedural area. See pages 3-5 for Epic Orders Only Encounter instructions. Surgeons or proceduralists will be notified of positive SARS-CoV-2 test results.

Location of Testing

All pre-procedure COVID-19 tests should be completed at any YNHHS testing facilities. For tests that must be completed at outside laboratories, these results will be acceptable if 1) the test process/validation meets YNHHS internal Lab-defined standards and 2) the result is visible and

functions appropriately in Epic so that the healthcare team is aware. The Laboratory COVID-19 Preparedness group is the steward for deciding the appropriateness of outside laboratory results.

Results of Test

Results will be available from 6-10 hours after collection. Patients will receive their results in MyChart. Surgeons and proceduralists will be informed of positive test results. Epic will automatically flag any COVID + patients with a blue banner and the COVID icon will be displayed on the status board.

Inpatients

Patients who are admitted and require a scheduled procedure in the procedural area will require a SARS-CoV-2 test. The respective procedural team will need to order the proper test ahead of the procedure or instruct the primary team to order the SARS-CoV-2 test.

Emergency Department

Patients who require a procedure in the hospital and who are admitted through the emergency department will require SARS-CoV-2 testing. It will be the responsibility of the ED Provider and the ED team to both order and collect the SARS-CoV-2 sample. ED staff have been trained to order and swab patients for pre-procedure/surgical testing.

Testing Considerations

YNHHS Surgical Services and COVID Testing Stewardship Committee do **not** endorse the Abbott ID POC testing for pre-procedural testing given its high false negative rate.

Care for patients with prior positive SARS-CoV-2 tests or COVID-19 diagnoses should be individualized. Guidance for retesting of patients with prior positive SARS-CoV-2 tests can be found in the SBAR “Retesting Patients with COVID” from 6/3/2020.

¹ Any aerosol-generating intervention (including thoracic surgery, cardiac surgery, endoscopy, oral surgery, ENT procedures entering the oral cavity, airway and sinuses), cases where general anesthesia is planned, cases Hybrid OR suites, ASA 3 or 4 cases.

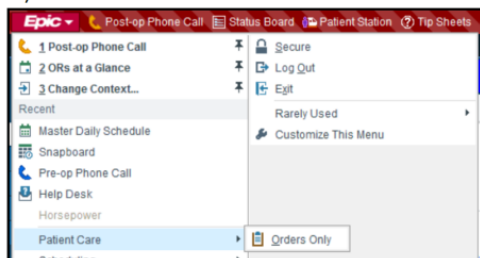
² In accordance with Infectious Diseases Society of America recommendations from 6 May 2020. (<https://www.idsociety.org/COVID19guidelines/dx>)

Orders Only Encounter for Covid Screening

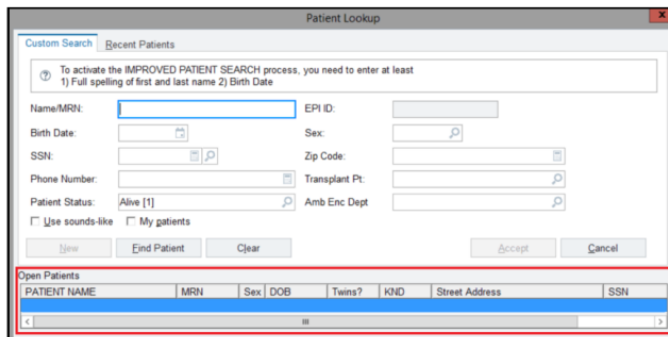
Below is the process to place a Covid Screening lab for a patient that will be coming in for a procedure.

Orders Only Encounter Workflow

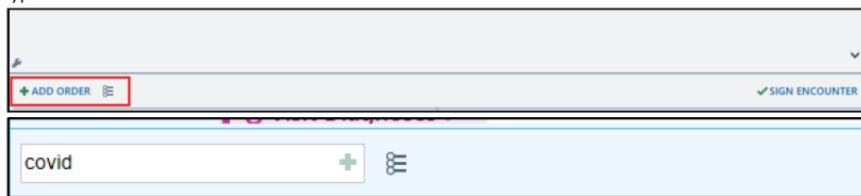
1. Open the Covid Screening Status Board from your Status Board toolbar, and open the patient's chart that you need to place the order for.
2. Ensure that your patient does not have an active order for a Covid Screen already placed by opening the Pre-op Phone Call navigator, opening the Procedure Pass section, and verifying that there are no orders available to be associated with the Covid-19 Screening task. If there is an order there you can review it to determine if it is appropriate, and link that order. If there is not an order continue on with this workflow.
3. With the patient's chart open go to the Epic button in the upper left-hand corner, select the Patient Care menu, and select Orders Only from within that menu.



4. The patient you currently have open will appear at the bottom of the patient look-up window under Open Patients. Select the patient from that list.



5. A pop-up will appear that asks you to put in the Provider for the encounter. Add the Physician who is performing the procedure here, and select Accept.
6. In the bottom left-hand side of your screen you will see an +Add Order button, select that and in the search box that appears type in Covid.



7. The Order Search window will appear, and you will find the order on the Preference List tab. Please ensure you are picking the correct order, which has "(Patient Scheduled for Surgery/Procedure)" in the name. The ID for this order is LAB10827 if you want to verify you have selected the correct order. If you do not see the order on your Preference List please select the Facility List tab.

Name	Bx Code	Type	Ref List	Copy	Transfer
SARS CoV-2 (COVID-19) PCR - YNHHS Labs (Patient Scheduled for Surgery/Procedure)	LAB10827	Microbiolo...	Y AMB LAB FAC...		
SARS CoV-2 (COVID-19) PCR - Reference Lab (BH GH LMW Q YH) (aka COVID)	LAB10811	Microbiolo...	Y AMB LAB FAC...		

8. Open the order from the bottom right-hand side of your screen by selecting the order name. This will open the order details to fill any required information.

9. Below is what should be filled in for patients having this order placed due to a procedure:
 - a. Expires on: Change this to the date from what defaults in to the date PRIOR TO the procedure, so if the patient is scheduled for a procedure on 4.22.2020, change this to 4.21.2020.
 - b. Status – Specimen Type: Leave these fields as they default into the order
 - c. Specimen Src: Nasopharynx
 - d. Is the patient symptomatic?: Answer appropriately
 - e. Is the patient a healthcare worker?: Answer appropriately
 - f. Is the patient scheduled for surgery/procedure?: Yes
 - g. Date of Surgery/Procedure: Enter the date the procedure is scheduled for

NOTE: If you would like to send the results to the Physician performing the procedure you can do so in the "Show Additional Order Details" area. Select that hyperlink, and input the Physician's name in the CC Results Recipient box. This will send an IB Message to that Physician when the results are returned.

10. Select Accept. Select Sign Orders.
11. An Associate Diagnosis box will appear. In the Add diagnosis field type in Pre-op Testing, and select the Pre-op Testing diagnosis. Select Accept, and associate that diagnosis to the order by selecting the correlating box. Select Accept.

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12. A Review Phase of Care box will appear that has Sign preselected for you. Select the Pre-Admission Testing box as well to indicate this order is being placed to ensure the patient is properly prepared for their procedure.

13. If a Providers window appears, select the Physician who will be performing the procedure, and select Accept.
14. There will be two tabs open for the patient at the top of your screen. Close the tab that you are currently in to close out of the Orders Only encounter. This will return you to the Pre-op Phone Call navigator.
15. In the Pre-op Phone Call navigator navigate to the Procedure Pass section. If you do not see the order you just placed available for association to the Covid-19 Screening task, select the refresh button in the upper right-hand corner. Once you see the order select the "Use This" button to attach your order to the Procedure Pass task.
16. Close the patient's chart.