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. This procedure is not applicable to current inpatients.

STANDARD OPERATING PROCEDURE

Timing of Testing
Patients must be testing within 2 calendar days of scheduled procedure. All endoscopy patients will test two days prior to their procedure to allow time to prep. Patient must agree to self-isolate for 7-days prior to scheduled procedure. Patients who have been tested within two days will not require a retest. Patients who fail to arrive for their scheduled pre-procedure COVID-19 test, will need to have procedure rescheduled and/or cancelled. This recommendation is based on the limited availability of the day of surgery testing modality, the 2hr Cepheid COVID test. This was agreed to by all delivery networks.

Ordering
All patients receiving anesthesia services will have the Epic Lab order LAB10827 placed by the Ordering Provider (MD and/or APP). See pages 3-5 for Epic Orders Only Encounter instructions. Within the EPIC order the ordering provider must “cc” the surgeon or proceduralist.

Location of Testing
All pre-procedure COVID-19 tests will need to be completed at any YNHHS testing facilities excluding 150 Sargent Drive, New Haven CT.
Results of Test
Results will be available from 6-8 hours. Test results will be forwarded to the physician’s Epic inbox. Patients will also receive their results in MyChart. 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 COVID-19 screen. The respective procedural team will need to order the proper test ahead of the procedure, or instruct the primary team to order the COVID screen.

Emergency Department
Patients who come through the emergency room will require COVID-19 screening. The physician performing the procedure should instruct the ED provider to order the test. The ED staff have been trained to order and swab patients for pre-procedure & surgery.

Testing Considerations
YNHHS Surgical Services and COVID Testing Stewardship Committee do not endorse the Abbott ID POC testing given its high false negative rate.

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.
Orders Only Encounter for Covid Screening

Below is the process to place a Covid Screening lab for a patient that needs to have a Covid Screening lab done at a YNHH tent prior to a procedure.

Outpatient Pre-Procedure Covid Screening Ordering 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 8AB10DB27 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.

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, GI/Endo – OR – Yes, Other Procedure, as appropriate
   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.

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. Please DO NOT select Pre-op, as this will Sign & Hold the order, and the order will not be active.

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.
COVID Testing Best Practices

Scheduling

Start

Procedure/Case Scheduled

Order Created in EPIC (cc: Proceduralist)

Aerosol generating interventions

General anesthesia

Hybrid suites in OR

ASA 3 or 4

Admission after interventions

COVID Scheduling Ctr.

Work COVID Queue

Contact Patient & Schedule Testing (1-2 days prior to procedure) *

Patient Tested

Review Testing Status

Negative or Positive?

Negative

Procedure Performed

Positive

End

Testing Sites

COVID Testing Lead

• LMH/Westerly – nothing pre 11am

• No 150 Sargent Drive

Create Communication Plan

Procedure Cancelled