

COVID Testing Stewardship

ED and Surgical/Procedural Workflows Summary



Rapid COVID-19 Testing: ED Priority Groups

Testing Criteria	Applies to: <i>All patients must be symptomatic</i>	Status
Tier 1 Limited testing available	ED admissions – <i>symptomatic</i> <ul style="list-style-type: none"> • ICU admissions • Behavioral Health admission • Surgical emergencies Labor & Delivery mothers – <i>symptomatic</i>	<i>Complete</i>
Tier 2 Increased testing available	ED admissions – <i>symptomatic</i> <ul style="list-style-type: none"> • SNF transfers • Cancer/immunocompromised 	<i>Complete – live as of 4/13/2020</i>

Expedited COVID19 ✓ Accept ✗ Cancel Link Order Remove

STAT, ONCE, First occurrence today at 1245, Clinician Collect, NASOPHARYNGEAL SWAB
 *****: MUST meet strict criteria for the rapid testing, otherwise order the routine COVID test (turn-around time of <24hrs)

Priority:

Frequency:

Starting: At:

First Occurrence: **Today 1245**

Scheduled Times ⌵
04/10/20 1245

Class:

Specimen Src:

 MUST meet strict criteria for the rapid testing, otherwise order the routine COVID test (turn-around time of <24hrs)

Criteria:

Emergency Surgery/Procedure Workflow

Available to all Inpatients* within 24 hours of surgery/procedure

Live as of 4/11/20

Patient identified as needing emergency surgery/procedure in the next 24 hours

Surgeon or LIP orders Rapid COVID order in EPIC

Provider selects Emergency Surgery/Procedure within 24 hours under COVID order

Test obtained by clinician on the inpatient floor using appropriate PPE

Patient is treated as PUI awaiting test results

Test results followed-up by surgical/procedure team

Surgery/procedure decision made by surgical/procedure team based on results

*Testing need based on clinician discretion

**Report created to track volume of usage, patient, test, date of procedure/surgery, ordering provider and department and this will be audited

Inpatient Rapid COVID Test Order

Rapid COVID-19 (AC,MC,ME) ✓ Accept

This test is only intended for patients who have met specific criteria.
If the daily supply of rapid COVID tests has been exceeded, the test will be rerouted for standard COVID testing and the result will be issued in a separate report.

Droplet and Contact Precautions - Plus Eyewear Remove
Routine, CONT, First occurrence today at 1245, Until Specified ^P
Reason for isolation: Coronavirus

And

Expedited COVID19 ✓ Accept ✗ Cancel Link Order Remove
Routine, ONCE, First occurrence today at 1245, Clinician Collect, NASOPHARYNGEAL SWAB
*****; MUST meet strict criteria for the rapid testing, otherwise order the routine COVID test (turn-around time of <24hrs)

Priority:

Frequency:

Starting: At:

First Occurrence: **Today 1245**

Scheduled Times [^]
04/10/20 1245

Class:

Specimen Src:

***** **MUST meet strict criteria for the rapid testing, otherwise order the routine COVID test (turn-around time of <24hrs)**

Criteria:

Patient's current location

Comments: + Add Comments (F6)

Reference Links: 1. CC Lab Policies & Procedures

CC Results:

Recipient	Modifier	Add PCP
		<input type="button" value="Add My List"/>
		<input type="button" value="Build My Lists"/>

Next Required ✓ Accept

Outpatient Surgery and Procedure Workflow Preoperative-All Patients*

Live as of 4/13/20

Surgery/procedure
Provider send EPIC
in-basket message
to COVID-19 Hotline
Pool using template

Hotline Pool enters
orders for regular
COVID-19
immediately

Order sent to
scheduling pool
(reviewed 7a-10p)

Scheduling pool calls
patients to arrange time
for testing at Walker
Building (can be same
day but within 5 days of
surgery)

Patient is tested at
Walker Building
(ambulatory
available)

Lab sample is fast
tracked to lab

Template:

- Reason for test
- Proposed surgery/
procedure
- Surgeon/
proceduralist
- Date of surgery/
procedure
- Mode of arrival

Patient is informed
to follow standard
precautions/isolate
until test is resulted

Surgery/procedure team
follows-up on test result
(test result will not go to
their test in-basket)

Surgery/procedure
team arranges
proper follow-up

*Testing need based on clinician discretion

Dot Phrase for Epic In-Basket Message to COVID-19 Hotline Pool

- “.COVIDelectsurg”
 - Reason for test - dropdown of:
 - Clinical suspicion of symptomatic COVID
 - Asymptomatic patient who needs preoperative testing
 - Proposed surgery/procedure:***
 - Attending surgeon name:*** (to route test results)
 - Date of surgery/procedure:***
 - Mode of patient arrival for testing – dropdown of:
 - Car
 - Pedestrian appointment

.covide

Abbrev	Expansion
★ COVIDELECTSURG	

Reason for test:{ :124449}
Proposed surgery/procedure:***
Attending surgeon name:***
Date of surgery/procedure:***
Mode of patient arrival for testing:{ :124450}

Phased Roll-Out for Outpatient Surgery/Procedure Workflow

- Phased approach every 2 weeks to ensure adherence to processes related to:
 - Usage of dot phrase
 - Scheduling timeframe
 - Walker utilization (including ambulatory option)
 - Testing center capacity
- Surgical areas with the highest risk of aerosolization are given priority
 - Phase 1 go-live 4/13/2020: ENT, Dentistry, Thoracic Surgery, Cardiac and Vascular Surgery, Pulmonary procedures
 - Phase 2 go-live 4/20/2020: GI, General Surgery, Colorectal Surgery, Neurologic Surgery, Orthopedic Surgery and IR procedures
 - Phase 3 go-live 5/4/2020: Eye Surgery and all other surgical groups

Items to Note

- Ohio/Cleveland workflow only (Florida has separate workflows and testing capabilities)
- Walker Building is open for testing from 10 am - 5 pm/7 days a week
 - Orders should be attempted to be placed in advance, when surgery date is set
 - *Symptom screening should occur prior to patient arriving for pre-op testing*
- If rapid testing allotment is depleted, they will be converted to non-rapid testing in the lab