

Duke Regional Hospital ED, Inpatient Guidelines for Covid-19 Testing

Last revised: June 30, 2020

The table below outlines various COVID tests that are available at DRH and preferred indications for the same. DRH CMO team will continue to review these indications and provide updates as needed. Attached please find screen shot for COVID testing order panel with indications for ordering specific type of test with isolation recommendations.

Test Definitions

1. **Point of Care Testing (POCT)/ Rapid test:** This test is similar to other POCT performed across the health system and requires that a specific device is physically located in the clinical environment. For DRH this device will be located in the lab. Turnaround Times (TAT) for tests result will be less than an hour. POCT units and testing kits are limited and judicious use of these tests is recommended.
2. **Inpatient Testing:** This in-house molecular diagnostic test (performed at DUH with courier transporting specimens from DRH to DUH every 2 hours) currently has a median TAT of 5-6 hours from test order to test result.
3. **Outpatient Testing:** This in-house molecular diagnostic test (done at DUH with courier transporting specimens from DRH to DUH every 2 hours) has a targeted TAT of 12-24 hours.
4. **IP/Administrative Test:** This in-house molecular diagnostic test (done at DUH with courier transporting specimens from DRH to DUH every 2 hours) has a targeted TAT of 12-24 hours. It is not linked to a “Rule out COVID” infection status and is used when indicated for screening asymptomatic patients or removing isolation precautions in a patient who has recovered.
5. **Preoperative screen:** This molecular diagnostic test (done at DUH with courier transporting specimens from DRH to DUH every 2 hours) has a targeted TAT of 7-15 hours. It is not linked to a “Rule out COVID” infection status and is used when indicated for screening asymptomatic patients who will undergo procedure or surgery who are not level 1-4.

If emergent care is required prior to receiving test results, use [appropriate PPE](#).

Type of test	Lab order name and Lab ID	Indications in ED	Indications in inpatient setting, including ICU
POCT*	Coronavirus (COVID-19) SARS-Cov-2 Rapid Test LAB9993	<ol style="list-style-type: none">1. Special acute populations for whom aggressive high-level PPE are indicated on arrival (e.g. Stroke, Trauma, STEMI, AMS without etiology) and for whom a clear infection risk assessment cannot be performed in a timely fashion (e.g. intubated, obtunded, etc.)2. All asymptomatic patients who will need inpatient admission3. Patients who are symptomatic and are homeless4. Those who live in a SNF and need testing prior to return,	<ol style="list-style-type: none">1. Patients on inpatient psychiatry unit who develops symptoms (fever and/or respiratory symptoms)2. Inpatients who need urgent or emergent surgery (Level 1 – 4)3. All patients who are admitted through L & D4. All admitted patients who develop symptoms in the hospital

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		<p>those who cannot return to their shelter or group home without test results</p> <ol style="list-style-type: none"> Psychiatric patients who are symptomatic with fevers and/or respiratory symptoms (i.e. moderate to high pretest probability) Asymptomatic psychiatric patients who needs the result to be placed in inpatient psychiatric facility Dialysis patient with symptoms who will need emergent dialysis from ED unit or as inpatient Pre-operative/pre-procedural patients (this should be coordinated with procedural team at time of admission if not already ordered). POCT recommended for level 1 to 4 	<ol style="list-style-type: none"> All OSH transfers to DRH All direct admits to DRH
Inpatient test	Coronavirus (COVID-19) SARS-CoV-2 PCR -Inpatient Only LAB9985	<ol style="list-style-type: none"> All patients admitted from the ER with symptoms concerning for COVID and who will need admission. All OSH transfers to DRH who have symptoms concerning for COVID All direct admits to DRH who have symptoms concerning for COVID 	
Administrative test	Coronavirus (COVID-19) SARS-CoV-2 PCR - Administrative (Infection Prevention Use Only) LAB9991	This test should not be utilized in the ED	Patients who need to be discharged to SNF and need the test per request from SNF.
Pre-op test	Coronavirus (COVID-19) SARS-CoV-2 PCR - Preoperative Screen LAB9990	<ol style="list-style-type: none"> Patients who will be admitted and will require a surgical procedure and are not level 1-4 	<ol style="list-style-type: none"> Inpatients who need surgery and are not level 1-4 Pre-procedural (full list for procedures here) for patients who have been

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Type of test	Lab order name and Lab ID	Indications in ED	Indications in inpatient setting, including ICU
			hospitalized for < 14 days, are asymptomatic, and have not had a COVID-19 test during this hospitalization should have a pre-procedural test performed prior to the procedure
Outpatient test	CORONAVIRUS (COVID-19) SARS-COV-2 PCR OUTPATIENT LAB9994	Per ED, for patients who will be discharged from the ED and do not need test result prior to discharge	NA

* POCT testing specimen will be collected by respiratory therapy in the inpatient setting. It is recommended that nurses page respiratory therapy to collect the specimen after the provider places an order for the test.