Ascension Columbia St. Mary's

Hospital EHR - Medical Staff Newsletter

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The diagnosis and management of patients with COVID 19 remains a rapidly changing situation. To better assist with care of these patients, multiple enhancements have been made in Cerner. Enhancements are aimed at meeting a variety of goals including standardizing best practices, improving communication, and increasing usability. This Newsletter will summarize the majority of the changes to date. Please keep for reference.

Also, please share any ideas you might have for Cerner enhancements.

COVID 19 PowerPlans

COVID 19 Admit PowerPlan and COVID 19 ED PowerPlan

Orders within these PowerPlans include:

- isolation
- oxygen
- MDI bronchodilators
- Labs
- Consults

Due to rapidly changing recommendations, orders for COVID specific investigational treatment and testing are not included within the PowerPlans and should be ordered separately.

[**NEW - COVID 19 Proning (non-ICU) PowerPlan**](#)

This PowerPlan is for use in COVID-19 suspected and positive patients not in distress but with increasing oxygen requirements above 5 Lpm (but not greater than 15 Lpm) who may benefit from both HFNC oxygen and intermittent proning.

Orders within the PowerPlan include:
- alternating proning position with lateral and supine
- monitoring instructions for RN and when to notify Provider
- Pulmonologist Consult order

[COVID Convalescent Plasma Subphase](#)

The use of COVID Convalescent Plasma to treat COVID positive patients is an investigational treatment. Prior to using this PowerPlan, the patient must be registered at https://www.uscovidplasma.org/physicians and must sign the research consent form. The usual blood products consent process must also be followed.

[COVID19 Remote Patient Self-Monitoring](#)

Designed for coordination of patient discharges from Respiratory Clinics and the Emergency Department.

Documentation of External COVID 19 Test Results

When you have <u>confirmed</u> results from external records, complete this order so that Banner Bar will reflect the information.

The "COVID External Lab Results" order also requires documentation of the source of the information..

Automatic Addition of COVID 19 to Problem List

The problem **"Disease caused by 2019 novel Coronavirus"** will automatically be added to the Problem List for patients who have a confirmed positive COVID-19 test or an external COVID positive lab result documented.
NOTE: The problem will NOT be automatically added to the Problem List if the problem already exists.

COVID LAB Autotext for use with PowerNote

Use the autotext ".**COVID_LAB_ST**" to populate your PowerNote with the following labs from the prior 3 days.

COVID-19 Labs
WBC: 8.2 thou/mcL (04/21/20 03:49:00)
Platelet Count: 311 thou/mcL (04/21/20 03:49:00)
Creatinine: 1.06 mg/dL (04/22/20 04:10:00)
BUN: 22 mg/dL (04/22/20 04:10:00)
Bilirubin Total: 0.2 mg/dL (04/21/20 03:49:00)
AST: 48 unit/L High (04/21/20 03:49:00)
C-Reactive Protein (CRP): 6.3 mg/dL High (04/21/20 03:49:00)
D-Dimer: 2.68 mcg/mL High (04/22/20 08:50:00)
Fibrinogen Level: 525 mg/dL High (04/22/20 08:50:00)
Ferritin: 1062.5 ng/mL High (04/20/20 06:30:00)
Triglyceride: 60 mg/dL (04/22/20 08:50:00)
Oxygen Saturation Venous: 56 % Low (04/22/20 10:10:00)

COVID 19 testing orders

To better coordinate completion of PCR lab orders for COVID 19, please utilize the test synonym that corresponds to your patient's clinical situation as shown below. (Other available synonyms for testing of symptomatic patients include: "2019 Coronavirus 2019" and "2019 Coronavirus SARS-CoV-2".)

Use of synonyms #2 and #3 do not trigger COVID PUI in the Banner Bar as they are for asymptomatic patients.

All results, positive and negative, from any test synonym will be reflected in the Banner Bar.

Note: In addition to entering the order in Cerner, complete the newest paper-based "WI-COVID 19 Patient Info Form" as our lab requires this form to process the test.

**NEW - COVID 19 Duplicate Order Alerts

In an effort to prevent inappropriate duplicate testing for COVID 19, duplicate test alerts will be implemented in FirstNet and PowerChart. Situations where duplicate testing is appropriate are outlined within the alerts.

Alert if a test is pending:

If a Positive test result has been documented in the prior 90 days.

If a Negative test result has been documented in the prior 90 days.

Local EHR Support

Local EHR support is available Monday through Friday from 8am to 4pm
from Caitlin and Amy of the Clinical Informatics Team.

Connect with them directly at 414-585-6288.
They are also available by dialing Vocera and requesting "EHR support."
Ozaukee Vocera Phone: 262-243-6707
Milwaukee Vocera Phone: 414-585-1995

For urgent/emergent EHR technical assistance outside of the above hours, contact the Help Desk at 414-326-2400.
When asked for an extension, choose "7" for expedited transfer to a service desk analyst.