11/23/2020 AgileMD | COVID-19 Inpatient Management Pathway_UCH

COVID-19 Inpatient Management Pathway Approved: COVID Clinical Care Pathway Steering Committee, V21 last updated 11/13/20

> **Clinical Guidelines Journal References**

> > **Contributors**

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Quick Orders- Use as Clinically Indicated

Medications

- Anticoagulation Prophylaxis order set Meter Dose Inhalers (MDI)
- Acetaminophen 975 mg q6h PRN
- Acetaminophen 500 mg q6h PRN (cirrhosis) Acetaminophen 500 mg q6h scheduled
- Ibuprofen 600mg q6h prn (second-line) Benzonatate capsule 100 mg TID prn
- Benzonatate capsule 100 mg TID scheduled

Dextromethorphan-guaifenesin 2-20mg/mL oral syrup

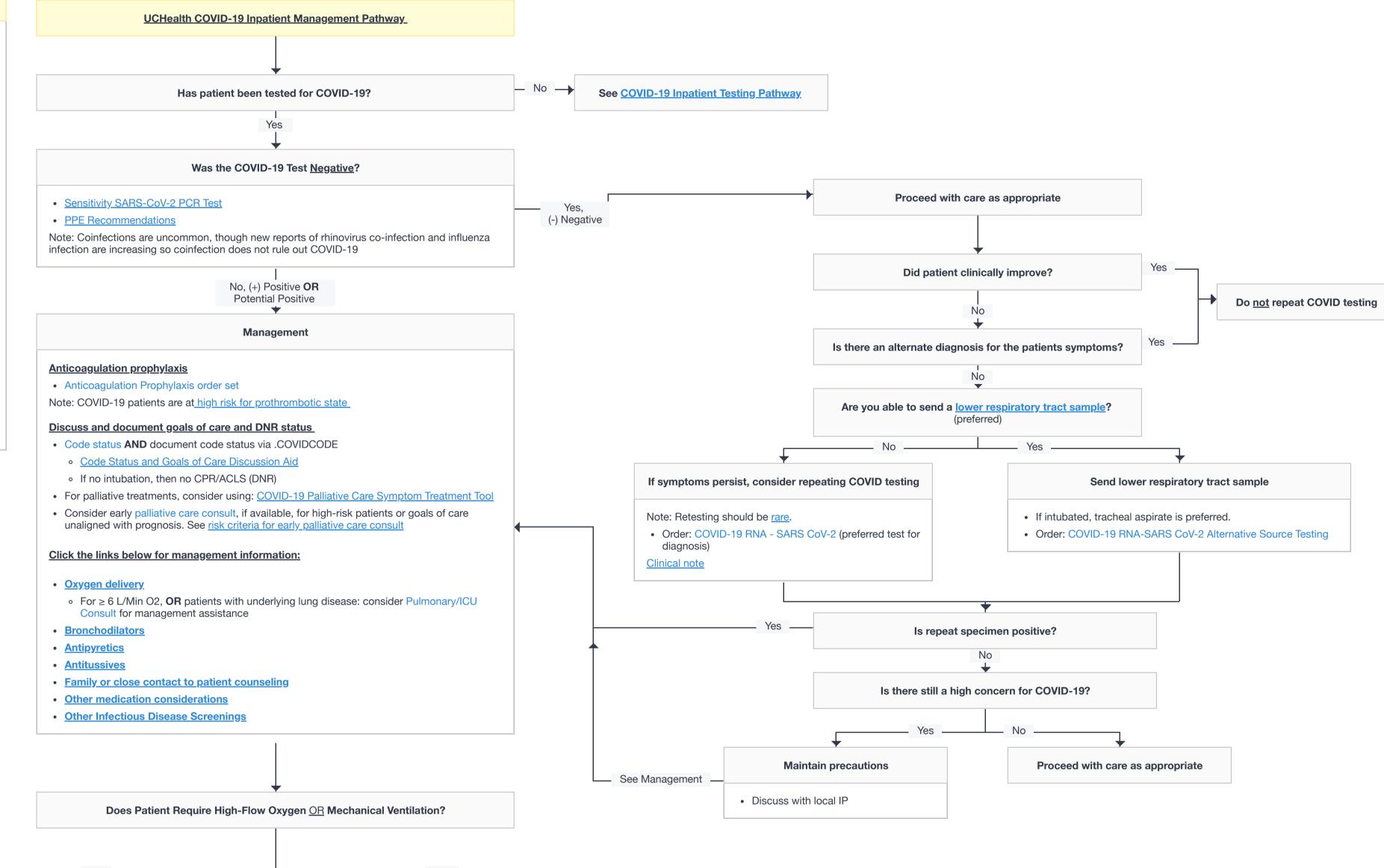
Codeine-guaifenesin oral liquid 10-100mg/5mL

<u>Labs</u>:

- CRP
- LFT
- CBC w/diff
- HIV 1/2 Antibody/Antigen Screen, if not previously screened
- Hepatitis C Virus Antibody, if not previously screened

Consultations:

- Consult Infectious Diseases
- Consult Pulmonary / Critical Care
- Consult Palliative Care



Floor Status Management

Note: Data are rapidly changing for COVID-19 therapies. See NIH Treatment Guidelines.and UCH guidance below (updated as new data emerges)

- For patients on supplemental oxygen or ventilator:
- Order dexamethasone PO 6 mg daily for up to 10 days until discharge, whichever occurs sooner (if concern for poor enteral absorption, use
- dexamethasone IV 6 mg daily) If patient is pregnant, consult OB/GYN regarding use of steroids in pregnancy
- For patients on supplemental oxygen but NOT requiring mechanical ventilation
- or ECMO: Consider Remdesivir 200mg IV on day 1, then 100mg IV on days 2-5, for up to 5
- days or until discharge, whichever is sooner.
- See criteria for remdesivir use
- Counsel patient / caregiver about risks, benefits, and alternatives Monitor hepatic function tests daily while on remdesivir
- Consider clinical trial enrollment if appropriate. • Convalescent plasma is not currently recommended for routine use. If desired,
- trial, or clinical trial unavailable, convalescent plasma is available by emergency use authorization (EUA). Prior to ordering EUA convalescent plasma, provider must counsel patient on risks, benefits, and alternatives, provide FDA fact sheet for providers and caregivers, and obtain verbal consent.
- Order Anticoagulation Prophylaxis Order Set, if not already ordered See anticoagulation recommendations
- Conservative fluid management as tolerated to avoid precipitating ARDS Avoid maintenance fluids
- Patients are at increased risk for **cardiomyopathy** Workup as appropriate
- If decompensation, consider: ECHO, EKG, Troponin, BNP
- Watch for signs of <u>Hyperinflammatory Response Syndrome</u>
- Consider admit to ICU or Stepdown Status Consider consult ID as clinically indicated
- Consider early palliative care consult, if available, for high-risk patients or goals of care unaligned with prognosis.
- See risk criteria for early palliative care consult

Mechanical Ventilation Settings and Recommendations Use mechanical ventilation orderset For septic shock and signs of ARDS: Consider a conservative fluid strategy Balanced salt solution (LR or plasmalyte) fluid boluses 250-500 cc evidence of volume overload Consider adding norepinephrine to maintain perfusion Consider consult ID as clinically indicated care unaligned with prognosis. • See risk criteria for early palliative care consult

• 14 days from admission, **AND** tracheostomy has been performed **AND** no fever for

Patients must have two negative results for COVID-19 from two consecutive NP

apart AND two consecutive negative results from tracheal aspirates, COVID-19

swabs COVID-19 RNA - SARS CoV-2 Screening and Clearance collected ≥24 hours

72 hours without the use of an antipyretic medication AND symptoms are

improving, OR

RNA-SARS CoV-2 Alternative Source Testing

Does patient have any signs of clinical deterioration? Admit to ICU No, Continue Care Consider discontinuation of isolation

Clinical Note

Patient must have **ALL** of the following before discontinuation of enhanced isolation

- Patients who have tested <u>negative</u> for COVID-19 but are on enhanced isolation Page local IP or call local command center to remove enhanced isolation
- precautions, **OR**
- Patients who have tested positive for COVID-19:
- Must be at least 10 days from admission, AND No fever for 72 hours without use of an antipyretic medication, AND
- Symptoms are improving

ICU and Stepdown Status Management Note: Data are rapidly changing for COVID-19 therapies. See NIH Treatment Guidelines and UCH guidance below (updated as new data emerges) For patients on supplemental oxygen or ventilator: Order dexamethasone PO 6 mg daily for up to 10 days until discharge, whichever occurs sooner (if concern for poor enteral absorption, use dexamethasone IV 6 mg daily) If patient is pregnant, consult OB/GYN regarding use of steroids in pregnancy • For patients on supplemental oxygen but NOT requiring mechanical ventilation or ECMO: • Consider Remdesivir 200mg IV on day 1, then 100mg IV on days 2-5, for up to 5 days or until discharge, whichever is sooner. See criteria for remdesivir use Counsel patient / caregiver about risks, benefits, and alternatives Monitor hepatic function tests daily while on remdesivir • Consider <u>clinical trial</u> enrollment if appropriate. • Convalescent plasma is not currently recommended for routine use. If desired, recommend enrollment in clinical trial. If patient does not wish to enroll in clinical recommend enrollment in clinical trial. If patient does not wish to enroll in clinical trial, or clinical trial unavailable, convalescent plasma is available by emergency use authorization (EUA). Prior to ordering EUA convalescent plasma, provider must counsel patient on risks, benefits, and alternatives, provide FDA fact sheet for providers and caregivers, and obtain verbal consent. • Initiate ICU VTE Anticoagulation Prophylaxis Order Set See <u>anticoagulation recommendations</u> The most experienced provider should perform this procedure • Minimize proceduralists and bedside providers Use <u>checklist for intubation</u> Perform early with ARDS **Mechanical Ventilation:** Perfusion targets up to 30 mL/kg (for BMI > 30, use ideal body weight) - if no • Consider early palliative care consult, if available, for high-risk patients or goals of • If transitioning to comfort-based care, use compassionate extubation pathway **Consider discontinuation of isolation** Clinical Note Patient must have the following before discontinuation of enhanced isolation

See COVID-19 Inpatient Discharge Pathway