

Clinical Brief #14 | COVID-19

Developed Friday, April 10, 2020

INFORMATION FOR ALL CLINICIANS

Clinical leaders are providing frequent updates to all clinicians in an effort to keep you current about AdventHealth's response to COVID-19. The following topics are included in this brief:

- Cerner Bar Displays Patient COVID-19 Status
- Adjunct Pain Treatment PowerPlans (PPs)
- Obstetrical (OB) Patient Testing
- OB Patient Personal Protective Equipment (PPE)
- Discordant COVID-19 Test Results

4:00 pm April 10 COVID-19 Situation Report

*Based on COVID-19 Power BI Dashboard data

COVID-19	CFD	WFD	MSD
Total Confirmed	761	88	110
Currently Inpatient	91	19	23
Total Negative Tests	8,392	1,284	864
Current PUI	74	66	14

Cerner Bar Displays Patient COVID-19 Status

Due to a significant increase in persons under investigation (PUI) or confirmed COVID-19, **AdventHealth is adding the COVID-19 status for patients in the banner bar for both [iConnect](#) and [iExtend](#)**. This will provide a face-up indicator for our clinicians.

Adjunct Pain Treatment PPs

A surge of patients requiring mechanical ventilation due to the COVID-19 pandemic is anticipated, and the available supply of fentanyl and midazolam is not expected to meet demand.

Two new PPs have been developed featuring additional treatment options to provide multimodal relief of pain and agitation, facilitate weaning off sedative and analgesic infusions, or to avoid the use of these infusions altogether:

- iExtend: [COVID-19 Pain, Agitation and Delirium Adjunctive Treatment in ICU](#)
- iConnect: [Mechanical Ventilation Sedation Subphase](#)

OB Patient Testing

A recently published [report](#) of a large percentage (32.6 percent) of women presenting to the Labor and Delivery Unit during a COVID-19 surge were asymptomatic and later tested positive for COVID-19, 10 (71.4 percent) developing symptoms during hospitalization. Because the newborn is in close physical contact with the mother who delivers, the mother's COVID-19 status dictates the mother-newborn care.

The updated clinical recommendation is to apply universal COVID-19 testing for vaginal deliveries and C-Sections when tests are available. If tests are scarce, testing of OB patients will be Tier 3.

Recap of tiers:

1. Symptomatic inpatients
2. Symptomatic health care workers
- 3. Required testing of Skilled Nursing Facility (SNF) transfer and OB patients**
4. Higher risk of severe illness symptomatic outpatients
5. Symptomatic outpatients

OB Patient PPE

Many patients in the second stage of labor (dilation complete, pushing until birth) require oxygen supplementation and pant or grunt heavily while health care workers are in close proximity (<6 feet, 10+ minutes) with aerosols usually present from the patient. Use [this graphic](#) to guide you on correct PPE during delivery.

For **COVID-19 negative patients** on the labor and delivery unit, use mask, gloves, hair and foot coverings, gown and eye protection.

For **COVID-19 positive, PUI or unknown patients** on the Labor and Delivery Unit, use an N95 (or equivalent) respirator, gloves, hair and foot coverings, gown and eye protection.

Discordant COVID-19 Test Results

Polymerase chain reaction (PCR) testing remains the gold standard for COVID-19 diagnosis and can be performed on multiple acceptable specimen sources with variable sensitivity.

Testing variables include:

- Viral load (timing of sampling)
- Specimen quality (source and technique)
- Threshold (PCR low limit detection)

Occasionally, test results may be incongruent with high clinical suspicion of COVID-19 disease.

In such cases, use clinical judgement and:

- Continue to treat as PUI
- Retest >24 hours after previous negative result

- Collect sputum or lower respiratory sample

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We encourage you to take care of yourself, your families and each other as we move through this ongoing response to COVID-19.

GREATER AS A WHOLE | RESOURCES

Online

[Novel Coronavirus Information Site](#)

[AdventHealth Coronavirus Website](#) | [Videos](#) | [Blog](#)

[Centers for Disease Control and Prevention \(CDC\)](#)

Department of Health: [Florida, Georgia, North Carolina, Kansas, Kentucky, Texas, Wisconsin](#)

Worldwide Coronavirus Data: [Johns Hopkins' global cases webpage](#)

By Email:

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