

## Definitions:

- **Close Contact**-being within approximately 6 feet of a person for  $\geq 15$  minutes (time limit does not apply for aerosol generating procedures (AGP); any duration of exposure to AGP is considered close contact) or having direct unprotected contact with infectious secretions or excretions (ex: coughing directly into the face of an exposed individual).<sup>1</sup>
- **Exposure**-close contact with a person with COVID-19, including 48 hours prior to their symptom onset. May include patients, co-workers, family members, or any contact in a group setting where PPE has not been utilized.
  - Exposure Risk Level of Provider with PPE coverage with COVID-19 person:

	Person with COVID-19		
	No Mask	Facemask	AGP
Provider with no mask			
Provider + facemask			
Provider + facemask + eye protection			
Provider + respirator + eye protection			N95 Equivalent

- High-risk, 14-day Quarantine
- Lower-risk, review needed
- Low-risk, no review needed

- Persons with COVID-19 may be symptomatic or asymptomatic
- Masks for persons with COVID-19 can be cloth face coverings, facemasks (surgical masks), or respirators, which reduce transmission. Cloth masks are not adequate as PPE for providers.<sup>2</sup>
- For AGPs, providers must wear a respirator (N95 or greater) for adequate protection. Red boxes indicate high-risk scenarios due to exposure of provider's eyes, nose, and mouth to virus.<sup>2</sup>
- Yellow box indicates lower risk, but quarantine may be necessary depending on circumstances
- **Universal Source Control Measures: cloth face coverings or facemasks universally recommended for everyone in facility, because of the potential for asymptomatic and pre-symptomatic transmission of virus.**<sup>3</sup>
- **Symptoms**-include the following: fever, chills, cough, muscle or body aches, headache, new loss of taste or smell, sore throat, congestion or runny nose, nausea, vomiting, and diarrhea.<sup>6</sup>
  - May appear 2-14 days after exposure. Median time is 4-5 days. One study reported that 97.5% who get symptoms will show them within 11.5 days of infection.<sup>6</sup>
- **AGP**-Aerosol Generating Procedures
  - Includes: Open suctioning of Airway, CPR, Intubation, Non-invasive ventilation (CPAP, BiPAP), BVM, nebulizer administration, High flow O<sub>2</sub>.<sup>4</sup>
- **Quarantine**-People who are not currently showing symptoms but are at increased risk from exposure. They are potentially pre-symptomatic and need to stay away from others to prevent spread
- **Isolation**-People who are currently ill with symptoms (or asymptotically COVID +) and are able to spread disease. They need to stay away from others to prevent spread.

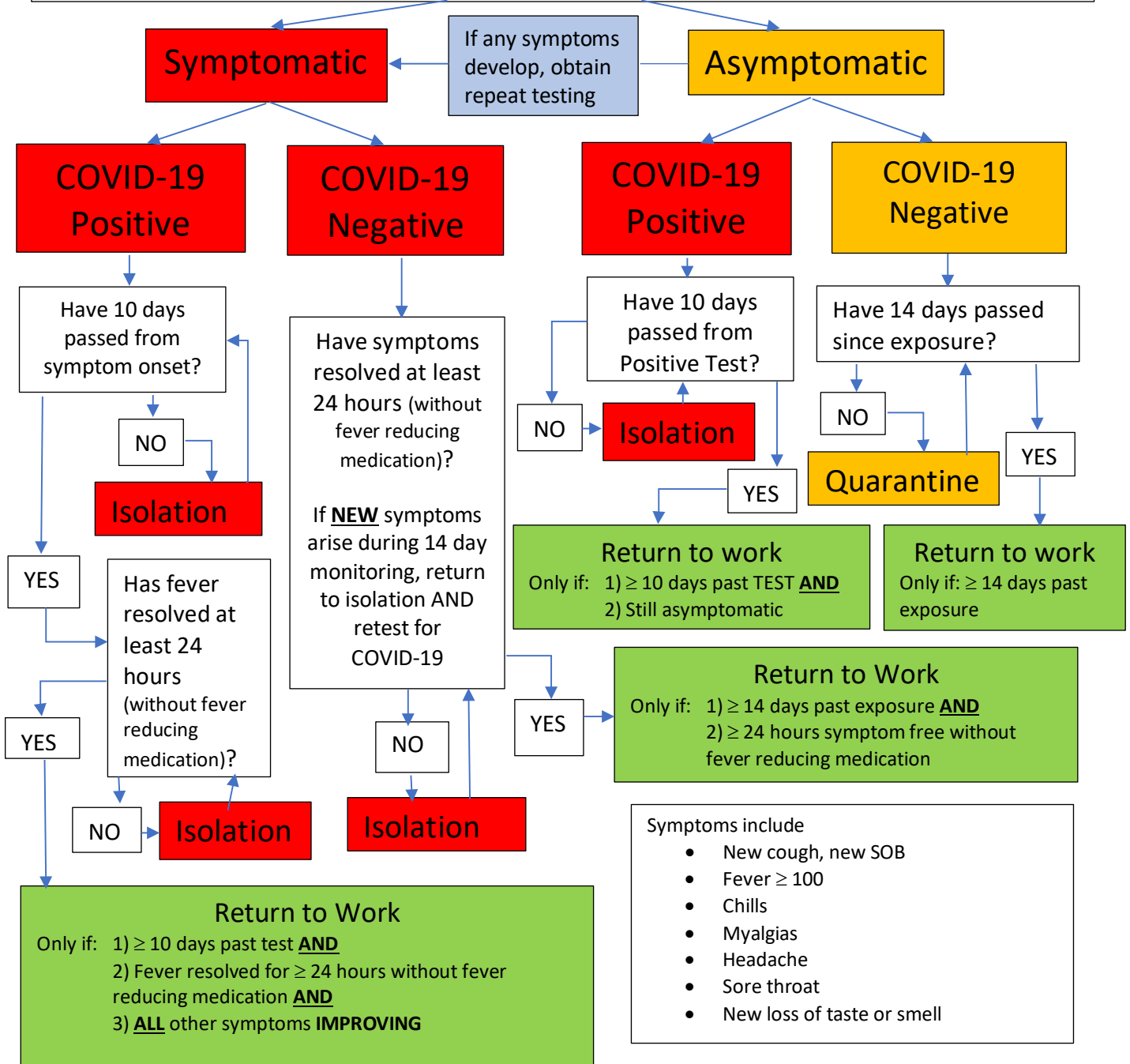
## References:

1. CDC Criteria for Return to Work for Healthcare Personnel with Suspected or Confirmed COVID-19 (Interim Guidance). Updated May 5, 2020. <https://www.cdc.gov/coronavirus/2019-ncov/hcp/return-to-work.html>
2. CDC Interim U.S. Guidance for Risk Assessment and Work Restrictions for Healthcare Personnel with Potential Exposure to COVID-19. Updated June 18, 2020. <https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-risk-assessment-hcp.html>
3. CDC Interim Infection Prevention and Control Recommendation for Healthcare Personnel During the Coronavirus Disease 2019 (COVID-19) Pandemic. Updated July 9, 2020. <https://www.cdc.gov/coronavirus/2019-ncov/hcp/infection-control-recommendations.html>
4. CDC FAQ for Aerosol generating procedures. [https://www.cdc.gov/coronavirus/2019-ncov/hcp/faq.html?CDC\\_AA\\_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Fhcp%2Finfection-control-faq.html#Transmission](https://www.cdc.gov/coronavirus/2019-ncov/hcp/faq.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Fhcp%2Finfection-control-faq.html#Transmission)
5. CDC Strategies to Mitigate Healthcare Personnel Staffing Shortages. Updated April 30, 2020. <https://www.cdc.gov/coronavirus/2019-ncov/hcp/mitigating-staff-shortages>
6. CDC Interim Clinical Guidance for Management of Patients with Confirmed Coronavirus Disease (COVID-19). Updated June 30, 2020. <https://www.cdc.gov/coronavirus/2019-ncov/hcp/clinical-guidance-management-patients.html>
- 7.

## **Confirmed High-Risk COVID-19 Exposure from Patient or Non-Patient**

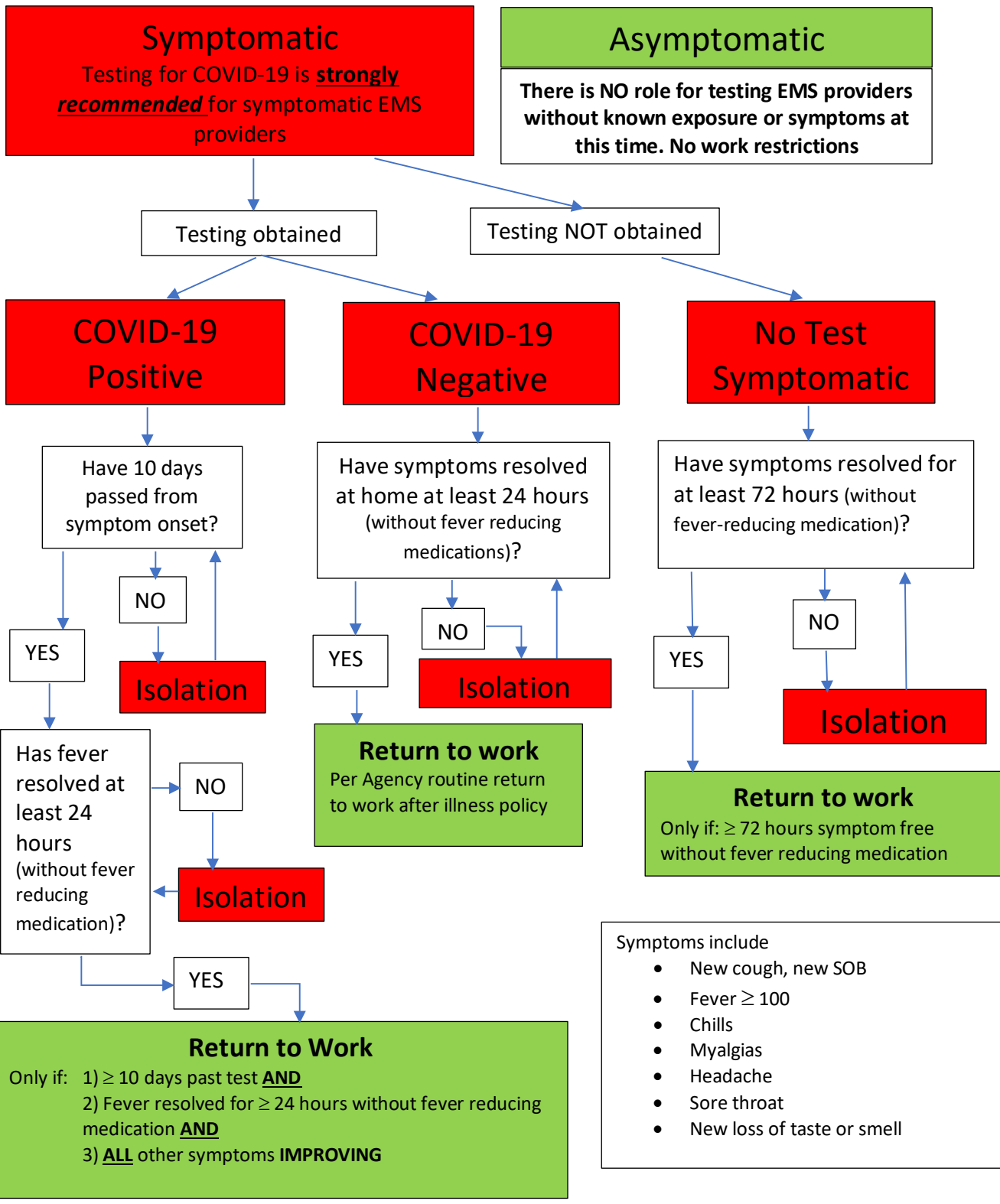
This algorithm is for known close contact with high-risk exposure to a patient or non-patient source (i.e. co-worker, household, community) with COVID-19.

- **Quarantine for up to 14 days** while potentially pre-symptomatic **AND**
- Monitor and Track Symptoms daily **AND**
- **Obtain COVID-19 testing after 48 hours from exposure regardless of symptom status.**
  - Symptoms can develop 2-14 days after exposure.
  - Testing should be obtained >2 days from incident.
- If no testing- 14 days isolation **AND** symptom free before return to work.



- Symptoms include
- New cough, new SOB
  - Fever ≥ 100
  - Chills
  - Myalgias
  - Headache
  - Sore throat
  - New loss of taste or smell

**No documented exposure to Known COVID-19 Person**  
**Monitor Symptoms Daily**



- Symptoms include
- New cough, new SOB
  - Fever ≥ 100
  - Chills
  - Myalgias
  - Headache
  - Sore throat
  - New loss of taste or smell