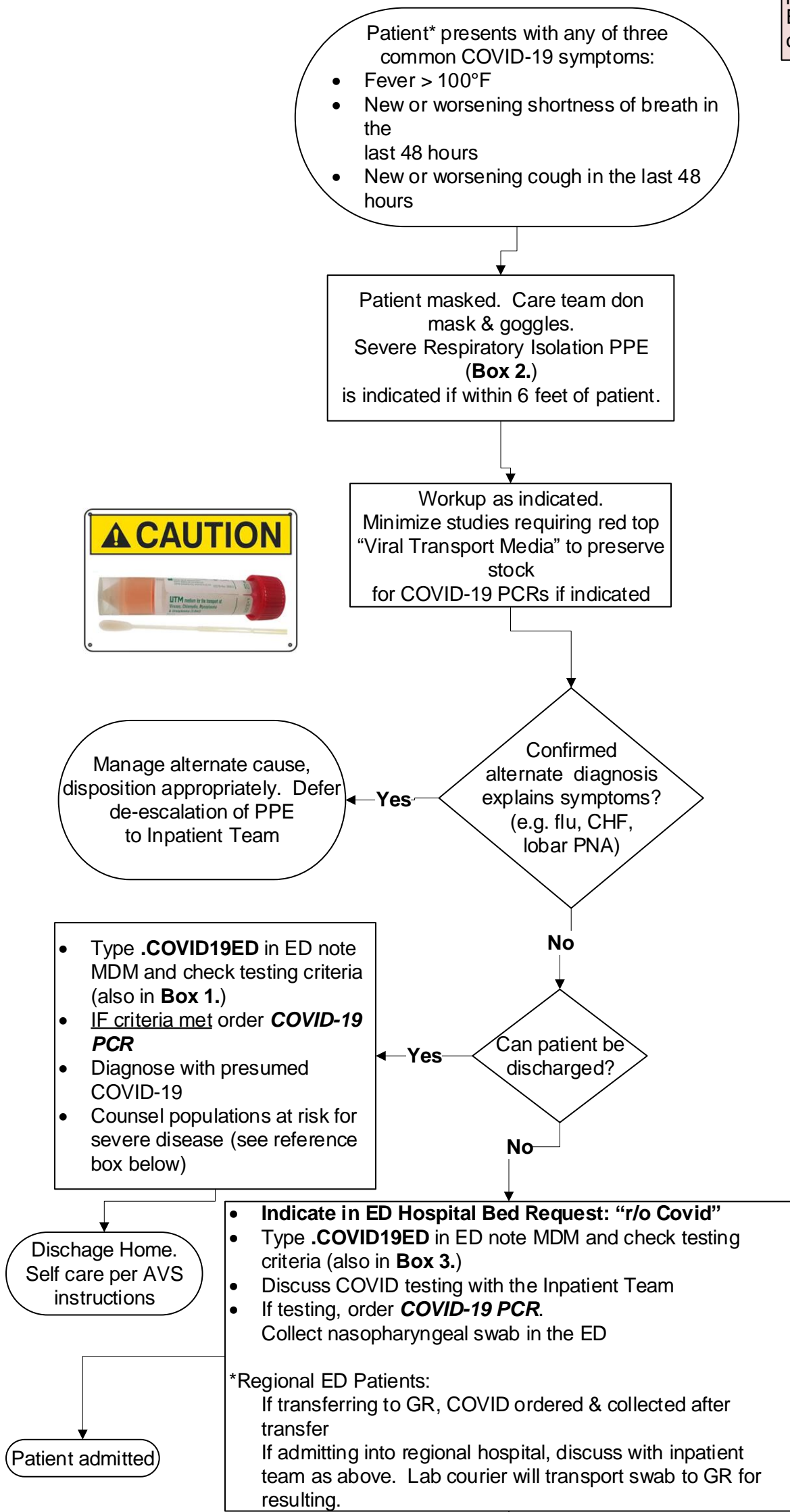


COVID-19 ED Clinical Workflow

4.2.2020 1700

Spectrum Health contact: Nick Kuhl, MD

***Note re: SH Critical Healthcare Workers**
 If a critical healthcare worker (**Box 1.**) has mild symptoms (new myalgias, malaise, congestion, or sore throat) **AND** an unprotected exposure to a presumed COVID+ patient, then CAN order testing in ED OR via SH Employee Hotline (833.559.0658) as outpatient.



- Box 1. Current Definition of Critical Healthcare Workers:**
- Providers (physician, PA, NP)
 - Registered Nurse
 - Aero Med (all roles)
 - Certified Nurse Midwife
 - CRNA
 - Dialysis
 - Echo Tech
 - Environmental Services
 - Home Care (home health aide & visiting nurse)
 - Infection Prevention
 - Laboratory
 - Nurse Tech (all hospital based)
 - Perfusionist
 - Pharmacy
 - PT, OT, Speech & Language Pathology
 - Radiology Tech
 - Respiratory Therapy
 - Scrub Tech (transplant, trauma, orthopedic trauma, neurosurgery only)
 - Transplant coordinator
 - Adult BMT
 - LPN (Licensed Practical Nurse)
 - CAN (Certified Nurse Assistant)
 - EEG Tech

- Box 2. Severe Respiratory Isolation PPE:**
- Gown
 - Gloves
 - Eye protection
 - Surgical mask^
- ^Aerosolizing Procedures requiring N95/PAPR:** BiPAP/CPAP, nebulized medications, trach aerosol device (trach collar or t-piece), continuous treatments via ventilator, active intubation, CPR, large bore high flow nasal cannula, bag-valve-mask ventilation (a **viral filter** should be inserted between the face mask and BV)
- ^Procedures that do NOT require N95/PAPR:** Circuit change on a ventilator, MDI medications, regular nasal cannula regardless of flow rate

- Box 3. Source of Truth = .COVID19ED dot phrase via MDM**
- .COVID19ED Current Testing Criteria:**
- Hospitalized with severe lower respiratory illness
 - OR
 - Pregnant women in the 3rd trimester or active labor
 - OR
 - Severely immunocompromised: active chemo with leukopenia/neutropenia, primary immunodeficiency, history of solid organ transplant, daily prednisone > 20 mg, TNF inhibitor use, or HIV untreated with CD 4 < 200
 - OR
 - Essential healthcare workers (**Box 1.**) & first responders (EMS, Fire, Police)
 - OR
 - Patients living in a congregant facility: Prisons, homeless shelters, skilled nursing facilities, long term acute care facilities, and adult foster care

Patients potentially at high-risk for severe illness from COVID-19 include:
 Aged 65+ years, live in a nursing home or long-term care facility, chronic lung disease/moderate asthma, heart disease with complications, immunocompromised including cancer treatment, BMI ≥40, poorly controlled diabetes/renal failure/liver disease.

Perfect Serve COVID-19 provider hotline: Search for: "COVID-19 Provider Resource- Adult" or "COVID-19 Provider Resource- Pediatrics"
 PS staffed 7 a.m. to 9 p.m., Monday through Friday, for all medical staff.
 After hours, can call the COVID-19 hotline, 833.559.0660.