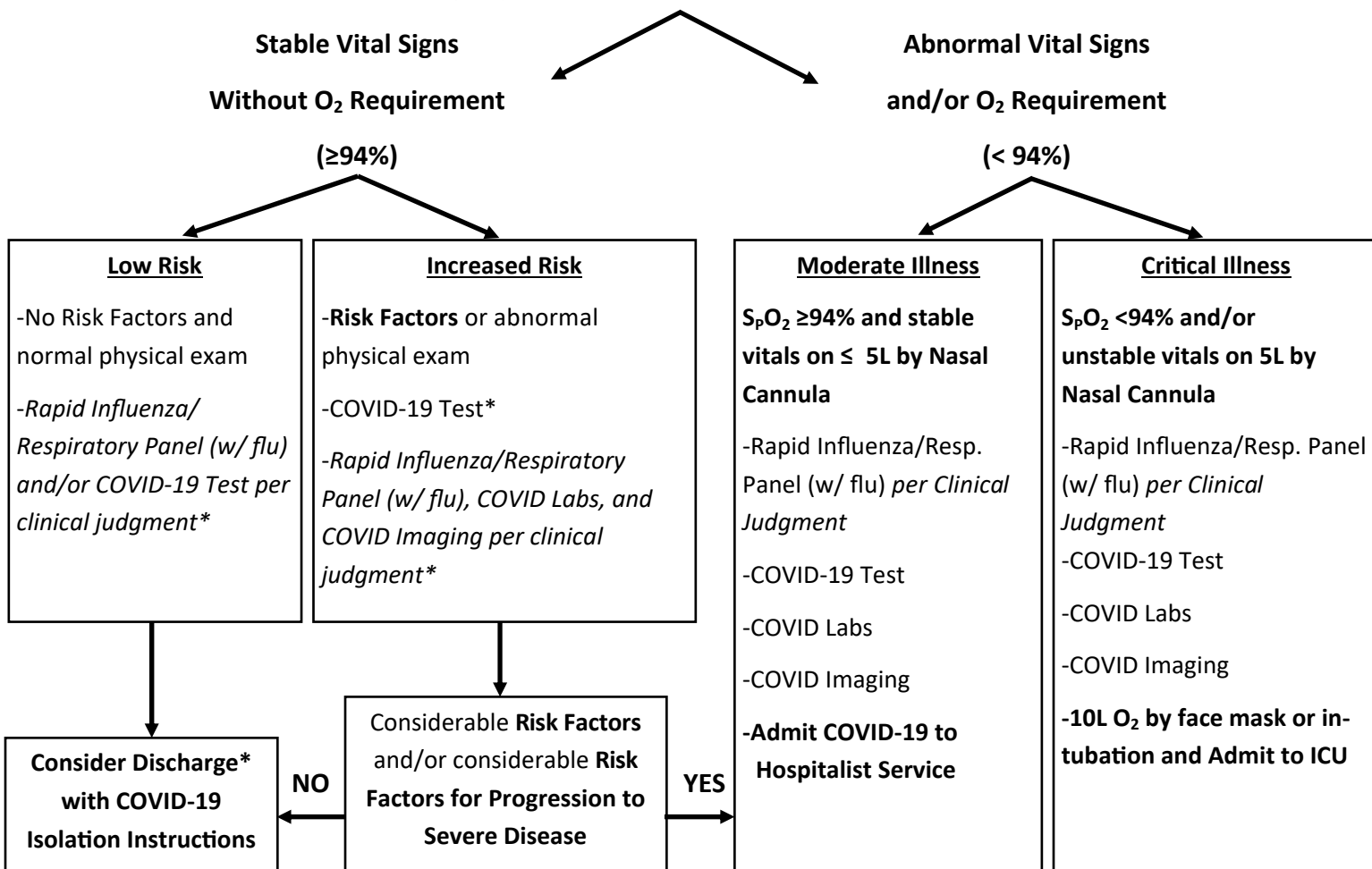


MDMC Emergency Department Risk Assessment Algorithm for COVID-19

Symptomatic COVID-19+ or PUI



* Consider COVID-19 testing and/or special discharge assistance for pregnant women, people living homeless or in congregate facilities, for those with known positive exposures, and healthcare workers.

<u>Risk Factors</u>	<u>COVID Labs</u>	<u>COVID Imaging</u>	<u>Risk Factors for Progression to Severe Disease</u>
Age ≥ 60 <u>Comorbidities:</u> HTN, CVD, CHF (EF <40%) pulmonary disease, renal disease, DM, transplant, active cancer treatment <u>Immune deficiency:</u> immune modulators, immunosuppressive medications (including corticosteroid tx at equivalent of 20 mg of oral prednisone or more daily), detectable HIV VL or CD4 count <200 cells/mm ³ Altered mental status (GCS <15) Evidence of Lower Respiratory Tract Infection	CBC with diff CMP CRP LDH DIC Panel (PT, aPTT, fibrinogen, D-dimer) Cardiac: ECG, CPK, Troponin, and BNP Venous lactate With Pneumonia = blood cultures	Consider the following: 1. Portable Chest X-ray 2. POC Lung Ultrasound 3. Chest CT only if above imaging is inconclusive or considering alternative diagnosis (trauma, PE, dissection, ACS)	D-Dimer > 1.0 ug/ml CPK > 2x ULN Lactate > 4 CRP > 100 LDH > 245 Lymphocyte count < 0.8 Hepatic Transaminase elevation New Creatinine elevation Troponin elevation BMI ≥ 40 Age ≥ 65 Extensive bilateral and/or worsening pulmonary infiltrates Exertional SpO ₂ <90% during one-minute walk in place or unable to complete.