ED COVID
Disposition Assessment Algorithm

Symptomatic COVID 19+ or PUI

Normal VS:
- RR < 24
- SpO2 >94% on RA

Assess Vital Signs

Abnormal VS:
- RR > 24
- SpO2 <94% on RA

Symptomatic COVID 19+ or PUI

Concerning Exam/Clinical Appearance?

Yes

Risk Factors for Severe Disease?

No

No

Discharge Home With Isolation Precautions

Yes

Clinical Improvement?

Yes

Assess Exertional SpO2

Have patient walk briskly in place for 1 minute

Exertional SpO2

- 92% - >94%

Discharge Home with ED Follow-Up Program

Exertional SpO2

- 90-92%

Assess Symptom Duration

Days 1-6

Exertional SpO2

<90%

Days 7-11

Days 12+

Severe Respiratory Illness or Shock?

No

Inpatient SPU Admission

Yes

ED Critical Care + ICU Admission

Standard ED Management

- Investigate and treat alternate causes of illness
- Avoid CT unless diagnostic uncertainty (eg. PE)
- Antibiotics if otherwise indicated (concurrent bacterial PNA)
- Bronchodilator therapy (no nebs)
- Antipyretics, NSAIDs, Fluids, and other supportive therapies

Risk Factors for Severe Disease

- Age > 65
- Comorbidities:
  - Asthma/Chronic Lung Dz
  - Hypertension
  - Diabetes
  - Cardiovascular Dz
  - Chronic Kidney Dz
  - Liver Dz
  - BMI > 40
  - Immune Deficiency or Immunosuppression

Updated 4.16.2020
- Follow-up program in progress