

COVID-19 Lung Ultrasound Triage

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upload it to vimeo covid-19 folder,

Note: The proposed protocol below is based on expert suggestion but has yet to be validated by prospective trials.

01.

Patient Presentation

Fever, Cough, Fatigue, Dyspnea
OR known COVID-19 contact
OR return from high-risk area.

02.

Initial Diagnostics

Following is performed on the patient:

- Rapid Flu RSV/PCR (if available)
- COVID-19 PCR
- Pulse oximetry
- POCUS lung ultrasound

Findings:

No supplemental oxygen required
A-lines present

Recommendation:

- Stay at home and self-quarantine.

Findings:

No supplemental oxygen required
B-lines present

Recommendation:

- Stay at home and self-quarantine.
- Follow-up monitoring suggested.

Findings:

Supplemental oxygen required
B-lines present

Recommendation:

ADMIT

- Viral testing per institutional guidelines.
- Daily lung ultrasound exams
- Consider dedicated POCUS lung ultrasound during hospital stay.

Findings:

Supplemental oxygen required
Consolidations present

Recommendation:

ADMIT

- Viral testing per institutional guidelines.
- Daily lung ultrasound exams
- Potential ICU admissions
- Recommend dedicated POCUS lung ultrasound during hospital stay.