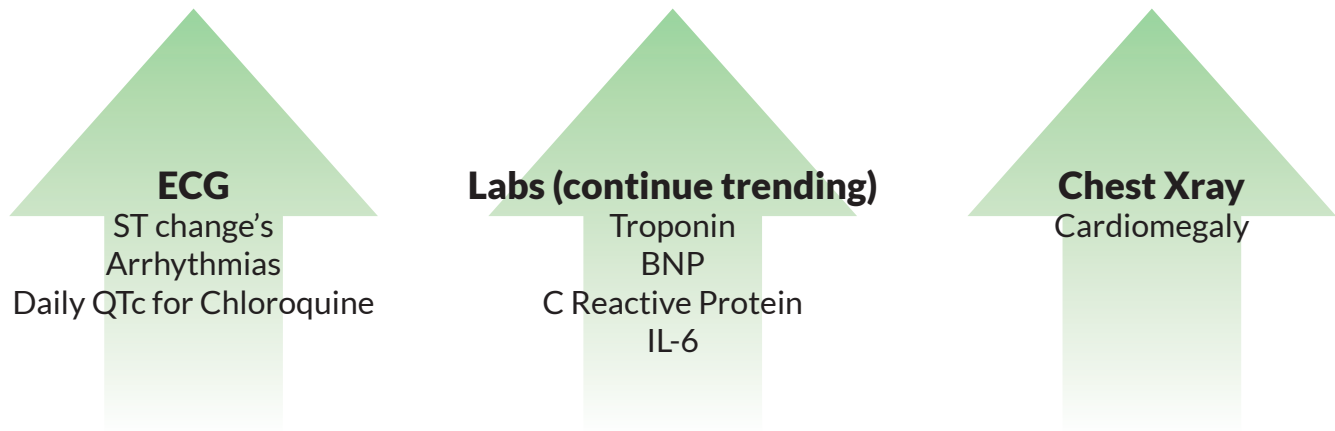


# COVID-19 associated Myocardial Injury



## Echocardiography

### Regional Hypokinesis

- Potential for Acute coronary syndrome secondary to Hypoxia and/or increase metabolic demand
- Follow ACS management protocol
- **Reduce beta blocker dose if on chloroquine/hydrochloroquine (CYP2D6 inhibition)**
- Consult Interventional Cardiology for risk vs benefit analysis
- Consider ECMO

VS

### Global Hypokinesis

- Suggestive of myocarditis
- Elevated Troponin, BNP, CRP, IL-6
- **NSAIDs not advised. May also exacerbate heart failure!**
- No role for steroids
- Insufficient data to support ACE inhibitors/ARB at this time
- **Reduce beta blocker dose if on chloroquine/hydrochloroquine (CYP2D6 inhibition)**
- Support care to maintain cardiac performance
- If CRP ↑ or "H" score is high consider anti IL-6
- Consider ECMO
- Consider IVIG