COVID-19 Resources

**COVID-19 with mild ARDS**
- **DO:** Vt 4-8 ml/kg and $P_{plat} < 30$ cm H$_2$O
- **DO:** Investigate for bacterial infection
- **DO:** Target SPO2 92% - 96%
- **CONSIDER:** Conservative fluid strategy
- **CONSIDER:** Empiric antibiotics
- **UNCERTAIN:** Systematic corticosteroids

**COVID-19 with Mod to Severe ARDS**
- **CONSIDER:** Higher PEEP
- **CONSIDER:** NMBA boluses to facilitate ventilation targets
- **CONSIDER:** If PEEP responsive Traditional Recruitment maneuvers
- **CONSIDER:** Prone ventilation 12 -16 h
- **CONSIDER:** If proning, high $P_{plat}$, asynchrony NMBA infusion for 24 h
- **CONSIDER:** If proning, high $P_{plat}$, asynchrony Short course of systematic corticosteroids
- **DON'T DO:** Staircase Recruitment maneuvers

**Rescue/Adjunctive therapy**
- **UNCERTAIN:** Antivirals, chloroquine, anti-IL6
- **CONSIDER:** If proning, high $P_{plat}$, asynchrony NMBA infusion for 24 h
- **CONSIDER:** Prone ventilation 12 -16 h
- **CONSIDER:** STOP if no quick response A trial of inhaled Nitric Oxide
- **CONSIDER:** If proning, high $P_{plat}$, asynchrony NMBA infusion for 24 h
- **CONSIDER:** If proning, high $P_{plat}$, asynchrony Short course of systematic corticosteroids
- **UNCERTAIN:** Antivirals, chloroquine, anti-IL6

Mod = moderate
ARDS = adult respiratory distress syndrome
$P_{plat}$ = plateau pressure
SPO2 = peripheral capillary oxygen saturation
PEEP = positive end-expiratory pressure
NMBA = neuromuscular blocking agents
ECMO = extracorporeal membrane oxygenation