

COVID-19 Resources

Summary of recommendations on the management of patients with COVID-19 and ARDS

COVID-19 with mild ARDS



DO:

Vt 4-8 ml/kg and P_{plat} < 30 cm H₂O



DO:

Investigate for bacterial infection



DO:

Target SpO₂ 92% - 96%



CONSIDER:

Conservative fluid strategy



CONSIDER:

Empiric antibiotics

COVID-19 with mod to severe ARDS



CONSIDER:

Higher PEEP

PEEP should be tailored to individual response



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_{pit}, asynchrony

NMBA infusion for 24 h



DON'T DO:

Staircase recruitment maneuvers

Rescue/adjunctive therapy



CONSIDER:

if proning, high P_{pit}, asynchrony

NMBA infusion for 24 h



CONSIDER:

Prone ventilation 12 -16 h



CONSIDER:

A trial of inhaled nitric oxide

STOP if no quick response



CONSIDER:

V-V ECMO or referral to ECMO center

follow local criteria for ECMO

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