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***Managing Oxygenation: COVID-19 Clinical Practice Guideline***

- Minimizing oxygen toxicity
  - PEEP and FiO<sub>2</sub> drive oxygenation
  - The goal is to deliver a partial pressure of oxygen to perfuse tissues (PaO<sub>2</sub> > 75, SpO<sub>2</sub> >92%) while limiting lung injury from high distending pressures (PpI < 30) and hyperoxia (FiO<sub>2</sub> < 75, SpO<sub>2</sub> < 96%)
  - Lower limit goals PaO<sub>2</sub> > 55 and SpO<sub>2</sub> >88%
  - Adjust FiO<sub>2</sub> after optimizing PEEP
  - Goal FiO<sub>2</sub> <75%; if FiO<sub>2</sub> > 75%, patient requires ventilator optimization. Consult Pulmonology/Critical Care if attending is not an intensivist
  - It is reasonable to put a desaturating patient temporarily on 100% FiO<sub>2</sub>, but remember to wean oxygen as rapidly as possible

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