**COVID-19 with hypoxia**

- **Indication for endotracheal intubation?**
  - Yes: Endotracheal intubation
  - No: Monitor closely short intervals

- **Tolerating supplemental oxygen?**
  - Yes: Monitor closely for worsening
  - No: Tolerating HFNC

- **CONSIDER: HFNC**
  - Not tolerating HFNC or HFNC is not available
    - No: Indication for endotracheal intubation?
    - Yes: Consider a trial of NIPPV
      - DO IT: Monitor closely short intervals
      - DO NOT: Delay intubation if worsening

- **Target SpO2 92% to 96%**

- **DO IT:** Expert in airway to intubate

- **DO IT:** Use N-95/FFP-2 or equivalent and other PPE/infection control precautions

- **DO IT:** Minimize staff in the room

- **CONSIDER:** if available Video-laryngoscope

- **DO NOT:** Delay intubation if worsening

**Note:** N-95/FFP-2 are facial masks

HFNC = high-flow nasal cannula
NIPPV = noninvasive positive-pressure ventilation
PPE = personal protective equipment
SpO2 = peripheral capillary oxygen saturation

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