COVID-19 with hypoxia

**Indication for endotracheal intubation?**

- Yes: Endotracheal intubation
- No: Monitor closely short intervals

**Tolerating supplemental oxygen?**

- Yes: Tolerating HFNC
- No: Consider: HFNC

**CONSIDER: HFNC**

- Not tolerating HFNC or HFNC is not available
- Yes: Indication for endotracheal intubation?
- No: DO NOT: Delay intubation if worsening

**CONSIDER: a trial of NIPPV**

- DO IT: Expert in airway to intubate
- DO IT: Use N-95/FFP-2 or equivalent and other PPC/infection control precautions
- DO IT: Minimize staff in the room
- CONSIDER: if available Video-laryngoscope

**DO IT:**

- Monitor closely short intervals
- Appropriate infection control precautions
- Target SPO₂ 92 to 96%
- Endotracheal intubation

**DO NOT:**

- Delay intubation if worsening

Note: N-95/FFP-2 are facial masks
HFNC = high-flow nasal cannula
NIPPV = noninvasive positive-pressure ventilation
SPO₂ = peripheral capillary oxygen saturation