### RECOMMENDATION #1

For healthcare workers performing aerosol-generating procedures on patients with COVID-19 in the ICU, we **recommend** using fitted respirator masks (N95 respirators, FFP2, or equivalent), as opposed to surgical/medical masks, in addition to other personal protective equipment (i.e., gloves, gown, and eye protection, such as a face shield or safety goggles).

**Strength & Quality of Evidence**

Best Practice Statement

### RECOMMENDATION #2

We **recommend** performing aerosol-generating procedures on ICU patients with COVID-19 in a negative pressure room.

**Strength & Quality of Evidence**

Best Practice Statement

### RECOMMENDATION #3

For healthcare workers providing usual care for non-ventilated COVID-19 patients, we **suggest** using surgical/medical masks, as opposed to respirator masks, in addition to other personal protective equipment (i.e., gloves, gown, and eye protection, such as a face shield or safety goggles).

**Strength & Quality of Evidence**

- Weak
- Low-Quality of Evidence
### Recommendation #4

For healthcare workers who are performing non-aerosol-generating procedures on mechanically ventilated (closed circuit) patients with COVID-19, we **suggest** using surgical/medical masks, as opposed to respirator masks, in addition to other personal protective equipment (i.e., gloves, gown, and eye protection, such as a face shield or safety goggles).

#### Strength & Quality of Evidence
- Weak
- Low-Quality of Evidence

### Recommendation #5

For healthcare workers performing endotracheal intubation on patients with COVID-19, we **suggest** using video-guided laryngoscopy, over direct laryngoscopy, if available.

#### Strength & Quality of Evidence
- Weak
- Low-Quality of Evidence

### Recommendation #6

For COVID-19 patients requiring endotracheal intubation, we **recommend** that endotracheal intubation be performed by the healthcare worker who is most experienced with airway management in order to minimize the number of attempts and risk of transmission.

#### Best Practice Statement

### Laboratory Diagnosis and Specimens

#### Recommendation #7.1

For intubated and mechanically ventilated adults with suspicion of COVID-19: For diagnostic testing, we **suggest** obtaining lower respiratory tract samples in preference to upper respiratory tract (nasopharyngeal or oropharyngeal) samples.

#### Strength & Quality of Evidence
- Weak
- Low-Quality of Evidence

#### Recommendation #7.2

For intubated and mechanically ventilated adults with suspicion of COVID-19: With regard to lower respiratory samples, we **suggest** obtaining endotracheal aspirates in preference to bronchial wash or bronchoalveolar lavage samples.

#### Strength & Quality of Evidence
- Weak
- Low-Quality of Evidence