

**Table 1. High-Risk AGPs**

High-Risk AGPs
Tracheotomy
Sputum Induction
Autopsy <sup>1</sup>
Bag Valve (manual) Ventilation
Endotracheal Tube Intubation and Extubation (and related procedures including manual ventilation, open suctioning)
Bronchoscopy and bronchoalveolar lavage (diagnostic and therapeutic <sup>2</sup> )
CPR (with manual ventilation and open suctioning)

<sup>1</sup>Use of an elastomeric half-face respirator with combination P100 and formaldehyde cartridges is recommended for Autopsy.

<sup>2</sup>Therapeutic bronchoscopies are recognized as being lower risk than diagnostic, however in order to ensure consistent precautions, all bronchoscopies are classified as high-risk AGPs.

**Table 2. Low-Risk AGPs**

Low-Risk AGPs
CPR compressions only (no manual ventilation or open suctioning)
Nebulized therapies
Humidified high flow O <sub>2</sub> (yellow or green top nebulizer with attached water bottle, wide bore tubing and aerosol mask or “Star Wars” mask) <sup>1</sup>
Non-invasive positive pressure ventilation (BiPAP, CPAP, heated high flow – Optiflow)
Breaking the integrity of the ventilator circuit while in operation (e.g., circuit changes, filter changes in a Heat and Moisture Exchanger, open suctioning in tracheostomy care)
Nasopharyngeal aspirates, washes, and scoping

<sup>1</sup>Low-flow O<sub>2</sub> (1-6 L/min on nasal prongs, or up to 15 L/min on a non-rebreather or simple mask) is not considered an AGP (see the [FH COVID-19 Oxygen Delivery and AGPs document](#)).

Table 3. AGP Requirements

Patient Category <sup>1</sup>	AGP Risk Category	Patient Placement	Is an Open Bay Acceptable?	PPE for all in the Room (or Bed Space in a Multi-Bed Room or Open Bay)	Risk Mitigation	Precautions Signage	Air Clearance Time? <sup>2</sup>
Laboratory-confirmed COVID-19	High or Low	Negative pressure (ideal), Single patient room with closed door (acceptable), or Cohort in a multi-bed room (MBR) with other patients with laboratory-confirmed COVID-19	No	N95 respirator or equivalent, gown, gloves, protective eyewear (face shield for a healthcare provider performing an intubation)  All health care workers entering the room during an AGP for any patient must wear an N95 respirator or equivalent, gown, gloves, protective eyewear	Close the curtains around every bed in a MBR	Droplet, AGP	Yes for $\leq 1$ hr post procedure in the single patient room, or  Yes for $\leq 1$ hr post procedure for the bed space in the MBR
Patients with Airborne infections (e.g. TB)	High or Low	Negative pressure	No	N95 respirator or equivalent, gown, gloves, protective eyewear (face shield for a health care provider performing an intubation) for all entries into the room	N/A	Airborne, AGP	Yes for $\leq 1$ hr post patient discharge, or  Yes for $\leq 1$ hr post procedure when the patient is not in the room
Suspect COVID-19	High	Negative pressure (ideal), Single rooms with closed door (acceptable), or Cohort in a MBR with other patients with suspect COVID-19	<b>Only in life-threatening situations</b>	N95 respirator or equivalent, gown, gloves, protective eyewear (face shield for a healthcare provider performing an intubation)	Close the curtains around every bed in a MBR or an open bay	Droplet, AGP	Yes for $\leq 1$ hr post procedure in the single patient room, or  Yes for $\leq 1$ hr post procedure for the bed space in the MBR or the bed space in the open bay

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Suspect COVID-19	Low	Single patient room with a closed door, or  Cohort in a MBR with other patients with suspect COVID-19	<b>Only in life-threatening situations</b>	N95 respirator or equivalent, gown, gloves, protective eyewear	Close the curtains around every bed in a MBR or an open bay	Droplet, AGP	Yes for $\leq 1$ hr post procedure in the single patient room, or  Yes for $\leq 1$ hr post procedure for the bed space in the MBR or the bed space in the open bay
Low-risk of COVID-19 (with pending COVID-19 test)	High	Single patient room with closed door, or  Cohort in a MBR with other patients with a low-risk of COVID-19	Yes	N95 respirator or equivalent, gown, gloves, protective eyewear	Close the curtains around every bed in a MBR or an open bay	Droplet, AGP	Yes for $\leq 1$ hr post procedure in the single patient room, or  Yes for $\leq 1$ hr post procedure for the bed space in the MBR or the bed space in the open bay
Low-risk of COVID-19 (with pending COVID-19 test)	Low	Cohort in a MBR with other patients with a low-risk of COVID-19	Yes	N95 respirator or equivalent, gown, gloves, protective eyewear	Close the curtains around every bed in a MBR or an open bay	Droplet, AGP	Yes for $\leq 1$ hr post procedure for the bed space in the MBR or the bed space in the open bay
Patients with respiratory illness requiring Droplet Precautions other than COVID-19	High	Single patient room with a closed door, or  Cohort in a MBR with other patients with the same condition	<b>Only in life-threatening situations</b>	N95 respirator or equivalent, gown, gloves, protective eyewear (face shield for a healthcare provider performing an intubation)	Close the curtains around every bed in a MBR or an open bay	Droplet, AGP	Yes for $\leq 1$ hr post procedure in the single patient room, or  Yes for $\leq 1$ hr post procedure for the bed space in the MBR or the bed space in the open bay

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Patients with respiratory illness requiring Droplet Precautions other than COVID-19	Low	Cohort in a MBR with other patients with the same condition	Yes	N95 respirator or equivalent, gown, gloves, protective eyewear	Close the curtains around every bed in a MBR or an open bay	Droplet, AGP	Yes for $\leq 1$ hr post procedure for the bed space in the MBR or the bed space in the open bay
Low-risk of COVID-19 (routine practices)	High	Single patient room with closed door, or  Cohort in an MBR with other patients with a low-risk of COVID-19	Yes	N95 respirator or equivalent, gown, gloves, protective eyewear	Close the curtains around the bed space in a MBR or an open bay	AGP	Yes for $\leq 1$ hr post procedure in the single patient room, or  Yes for $\leq 1$ hr post procedure for the bed space in the MBR or the bed space in the open bay
Low-risk of COVID-19 (routine practices)	Low	Cohort in a MBR with other patients with a low-risk of COVID-19	Yes	Surgical mask, protective eyewear	Close the curtains around the bed space in a MBR or an open bay	N/A	No

<sup>1</sup>Patient category refers to both SARS-CoV-2 and other pathogens with airborne or droplet transmission (e.g., TB).

<sup>2</sup>Air clearance time is the time where respiratory protection is required (e.g. N95 respirator or equivalent). This time may be shorter depending on air changes per hour (ACH) in that room/area. Contact your FMO for information on ACH. Refer to Table 4 to determine the length of time room must be vacated to remove at least 99% of airborne particles.