

COVID Guidance for Use of Personal Protective Equipment (PPE) for High Risk Aerosol Generating Procedures (HRAGP)

The table provides guidance to determine the appropriate PPE and room criteria required for Aerosol Generating Procedures (AGPs).

		Airborne Transmitted Infections (e.g. TB, measles, varicella)		COVID-19 Suspect (Rule out) or Confirmed Positive COVID-19 (e.g. novel respiratory virus)		Droplet Transmitted Infections (e.g. RSV, rhinovirus, parainfluenza, Meningitis, other respiratory illnesses)		No Risk for Aerosol Transmission
		PPE	Room Criteria	PPE	Room Criteria	PPE	Room Criteria	PPE
Type of Procedure	High Risk Aerosol Generating Procedure	Respirator ³ with eye protection, gown, gloves	Airborne Infection Respirator (Contact) Precautions AIIR ¹	Respirator ³ with eye protection, gown, gloves	Droplet Aerosol Precautions Isolation room AIIR ¹ preferred for ongoing or continuous AGP	Mask with eye protection (face shield) gown, gloves	Droplet Isolation Precautions Private patient room preferred	Standard precautions and refer to isolation table as applicable
	Room Closure After AGP		30 min ²		30 min ² for AIIR ¹ 90 min ² for STDR		N/A	
	No Aerosol Generating Procedure	Respirator ³	AIIR ¹	Respirator ³ with eye protection gown, gloves	Private patient room with door closed preferred	Surgical mask, face shield, gown, gloves	Private patient room preferred	

High Risk Aerosol Generating Procedures (HRAGP)		
Nebulized Medication	Intubation	SVN
Non-Invasive Ventilation Bi-pap/C-pap	Extubation	Open Suction
High Frequency Ventilation	Bronchoscopy/BAL	Autopsy
Sputum induction by RT	Laryngoscopy	CPR
Manual ventilation	Tracheostomy	HFNC

1 Airborne Infection Isolation Room (AIIR)
2 STDR – Standard Patient Room
2 When AGP performed in room without AIIR for rule out or positive COVID-19, place signage indicating that Aerosol Generating Procedure is in progress and respirator required for 90 minutes. Staff must wear respirator, eye protection, gown and gloves when entering patient room for the duration of 90 min.
3 Respirator: CAPR/PAPR/Fit-tested N95 or similar respirator is required for high risk procedures.