



Aerosol-Generating Procedure (suspected or confirmed COVID-19 patients)

Procedure	DCH Final*	Respiratory PPE	Room Pressure	Negative Pressure Tier
Intubation / Extubation	Y	PAPR	Negative	Tier 1; Do not reuse N-95
Bronchoscopy	Y	N-95 / PAPR	Negative	Tier 1; Do not reuse N-95
Mech Vent	Y	N-95 / PAPR	Negative	Tier 4
HFOV	Y	N-95 / PAPR	Negative	Tier 1; Do not reuse N-95
Manual Ventilation	Y	N-95 / PAPR	N/A***	Tier 1; Do not reuse N-95
Open (Airway) Suctioning	Y	N-95 / PAPR	Negative	Tier2
CPR	Y	N-95 / PAPR	Negative	Tier 2
BiPAP / NIV	Y	N-95 / PAPR	Negative	Tier 2
CPAP via Mask	Y	N-95 / PAPR	Negative	Tier 3
Tracheostomy Care / Suctioning	Y	N-95 / PAPR	Negative	Tier 3
IPV	Y	N-95 / PAPR	Negative	Tier
Sputum Induction	Y	N-95 / PAPR	Negative	N/A
Pulmonary Function Test	Y	N-95 / PAPR	Negative	Defer
Surgery with high speed devices / Laparotomy	Y	N-95 / PAPR	Periop	N/A
Some dental procedures (high speed drilling)	Y	N-95 / PAPR	Periop	N/A
Post-Mortem Procedures	Y	N-95 / PAPR	Negative	Tier 1; Do not reuse N-95
HFNC	Y**	N-95 / PAPR	Regular****	Tier 4
NP / Nasal / Oral Suctioning (excludes BBG)	N	N-95 / PAPR	Regular	N/A
Airway Clearance Maneuvers	N	Isolation Mask	Regular	N/A
NP Swab / Nasal wash	N	Isolation Mask	Regular	N/A
Nebulized Medication	N	Isolation Mask	Regular	N/A

* - Based on a compilation of recommendations from: CDC, OSHA, WHO, CCHMC, CHA, ACS, SCCM, ATS, AARC, ASA, AAEM, APIC

Y** - Depending on flow and force of patient's cough, N-95 is recommended, but negative room is not necessary.

N/A*** - Manual Ventilation is designated as emergent and without defined location.

**** - Consider Negative pressure; see weight based chart

Tier Ranking - 1 Most Important through 4 Least Important. **Do not reuse N-95 with Tier 1**

Updated 4/1/2020