

COVID-19

Expanded list of aerosol-generating procedures

► EXPANDED LIST OF AEROSOL-GENERATING PROCEDURES

1. The predominant transmission of the COVID-19 is droplet-contact. Airborne transmission is possible when respiratory aerosols are generated with specific procedures.
2. Personal protective equipment is a finite resource. Recommendations include using airborne precautions for appropriate procedures, with support of personal protective equipment conservation.
3. If not urgent or emergent, consider deferring the procedure.

For more information, please see the [CDC guidelines on AGP](#).

TABLE 1. EXPANDED AEROSOL-GENERATING PROCEDURES

Procedure	PPE recommendation	PPE conservation methods
ENT (ear, nose, and throat)	<p>Airborne precautions.</p> <p>N95 or PAPR and isolation is required for patients who test negative but have persistent symptoms.</p> <p>Knowing what to wear and when is important. Refer to the Intermountain <i>What PPE to Wear</i> guideline for more details.</p>	<ol style="list-style-type: none"> 1. Use PAPR at your facility for airborne procedures. 2. Reuse PAPR hoods with cleaning after use. 3. Wear gown and gloves. 4. Avoid mass N95 fit testing if feasible, as many of these are anticipated procedures and do not require emergent placement. Just-in-time training and fit testing are available at every facility. 5. If an operator is already fit tested, they can be given one N95 mask that they are already fitted for. Masks should be used following Intermountain's reuse policy. 6. Ensure air exchanges are completed before care is resumed.
Anterior neurosurgery (adult)		
Pediatric neurosurgery (all)		
Cardiac (pediatric only)		
Thoracic procedures related to pharynx/respiratory secretions		
Surgical airway (cricothyrotomy)		
EGD (esophagogastroduodenoscopy)		
Bronchoscopy		
Operative dental procedures		
TEE (transesophageal endoscopy)		
IR (interventional radiology): Bronchial artery embolization		
IR: Bronchial stent		
Chest tube for pneumothorax		
Nebulizer		
CPAP/BIPAP		
High-flow oxygen therapy (HFOT) e.g. Vasotherm (Airborne isolation not required for HFOT for children < 36 months)		
Chest PT		
Intubation/Extubation/CPR		
Open deep suctioning		
NP (nasopharyngeal) swab (Does not require 1-hour wait for room turnover)		
NG (nasogastric)/OG (orogastric) placement	<p>Droplet contact with face shield</p>	<ol style="list-style-type: none"> 1. Use gown, gloves, mask, and face shield. 2. Use one mask all day unless soiled or wet, then discard and obtain a new one.
MBS (modified barium swallow)		
Speech therapy		
Colonoscopy		
Tissue-based procedures (biopsy, drains)		
Non-rebreather		