

Aerosol-generating Medical Procedures (AGMP) for Respiratory Illness

General Information	<ul style="list-style-type: none"> • Prior to each patient interaction, the healthcare provider must assess the task, the patient, and the environment by performing a Point of Care Risk Assessment (PCRA). • AGMP require an N95 respirator if the patient has influenza-like illness (ILI) of unknown etiology; or confirmed infection with Influenza A or B, MERS-CoV, COVID-19, avian influenza, or other emerging/novel respiratory pathogens; or suspected or confirmed viral hemorrhagic fever.
Purpose	<p>To prevent potential healthcare provider exposure and transmission of infectious micro-organisms associated with aerosols produced by medical procedures.</p>
List of Aerosol-Generating Medical Procedures <ul style="list-style-type: none"> • intubation and related procedures (e.g., manual ventilation, open endotracheal suctioning, extubation) • cardiopulmonary resuscitation (CPR) • Bi-level Positive Airway Pressure (e.g. BiPAP, CPAP) • humidified high flow oxygen systems (e.g., ARVO, Optiflow) • tracheostomy care • bronchoscopy • sputum induction • nebulized therapy/aerosolized medication administration • open respiratory/airway suctioning • high frequency oscillatory ventilation 	
<p>Note: The following procedures have not been shown to generate aerosols that increase transmission risk (includes but not limited to):</p> <ul style="list-style-type: none"> • Nasopharyngeal (NP) swabs; • NP aspirates • oral suctioning • chest physiotherapy <p>Use the PCRA to determine appropriate PPE when performing these non-AGMP.</p>	
Precautions Needed In addition to Routine Practices	<div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center;">Contact and Droplet Precautions</p> <p style="text-align: center;">+ N95 Respirator + Eye protection</p> </div> <ul style="list-style-type: none"> • Single room with 4 walls and door only • Ensure door is closed • Only essential staff in room • If available, place patient in an Airborne Isolation Room
Duration of use of N95	<p>Until AGMP is complete.</p> <p>Note: Any other additional precautions that have been instituted (e.g., droplet, contact and droplet) are to be continued based on symptoms and/or diagnosis.</p>

Reference <https://www.canada.ca/content/dam/phac-aspc/documents/services/publications/diseases-conditions/routine-practices-precautions-healthcare-associated-infections/routine-practices-precautions-healthcare-associated-infections-2016-FINAL-eng.pdf>