**RESPIRATORY PROTECTION FOR AEROSOL GENERATING MEDICAL PROCEDURES (AGMPs)†**

Wear N95 respirators in the following situations:

Note: Employees must be fit tested to determine the appropriate sized N95 respirators. N95 Respirators must be seal checked when applied.

<table>
<thead>
<tr>
<th>AT ALL TIMES</th>
<th>DIAGNOSIS UNKNOWN</th>
<th>NON-RESPIRATORY TB</th>
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</thead>
<tbody>
<tr>
<td>• Respiratory TB or other pathogens spread by the airborne route are suspected or confirmed</td>
<td>• Open tracheal suctioning</td>
<td>• Non-respiratory TB suspected or confirmed, and there is potential for aerosolization from the site (e.g., open abscess or wound irrigation)</td>
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<tr>
<td>• Sputum induction</td>
<td>• Planned break in ventilator circuit</td>
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<tr>
<td>• Emergent intubation*</td>
<td>• Exubation</td>
<td></td>
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<tr>
<td>• Cardiopulmonary resuscitation*</td>
<td></td>
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<tr>
<td>• Autopsy*</td>
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<tr>
<td>• Bronchoscopy*</td>
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</tbody>
</table>

*According to Point of Care Risk Assessment (refer to Routine Practices)

†Aerosol-generating medical procedures (AGMPs): AGMPs are medical procedures that can generate aerosols as a result of artificial manipulation of a person’s airway. There are several types of AGMPs which have been associated with a documented increased risk of tuberculosis (TB) or SARS transmission:

- Intubation and related procedures (e.g., manual ventilation, open endotracheal suctioning)
- Cardiopulmonary resuscitation
- Bronchoscopy
- Sputum induction
- Nebulized therapy
- Autopsy
- Non-invasive positive pressure ventilation
- (CPAP, BiPAP)

**Resources:**
- Tracy Simcoe: Manager of Critical Care and Respiratory Therapy, WRHA
- Bernice Irvine: Manager, Occupational Health and Disability Management, Occupational and Environmental Safety & Health, WRHA
- Molly Blake: Program Director, Infection Prevention & Control, WRHA

**Also available at:** Occupational and Environmental Health and Safety’s Policies, Operational Procedures and Guidelines.

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