AGPs and their mitigation in International Guidelines

**WHERE THE GUIDELINES COME FROM**

The number of COVID-19 confirmed cases and death rates vary across the included countries (death per million range from 0 to 844).

**AGP DETAILS NON-COVID 19 PATIENTS**

<table>
<thead>
<tr>
<th>AGP Details</th>
<th>Included Guidelines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double gloving</td>
<td>56%</td>
</tr>
<tr>
<td>Surgical mask*</td>
<td>98%</td>
</tr>
<tr>
<td>FFP2 or N95 mask*</td>
<td>56%</td>
</tr>
<tr>
<td>Fit test</td>
<td>56%</td>
</tr>
<tr>
<td>Goggle/face visor</td>
<td>56%</td>
</tr>
<tr>
<td>Surgical gown</td>
<td>52%</td>
</tr>
<tr>
<td>Surgical cap/hat</td>
<td>33%</td>
</tr>
<tr>
<td>Disposable apron</td>
<td>33%</td>
</tr>
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<td>Shoe covers</td>
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</tbody>
</table>

**PPE FOR TREATING NON-COVID 19 PATIENTS**

- Double gloving
- Surgical mask
- FFP2 or N95 mask
- Surgical gown
- Goggle/face visor
- Surgical cap/hat
- Disposable apron
- Shoe covers

**PROCEDURAL MITIGATION FOR NON-COVID 19 PATIENTS**

- **MOUTHWASH** 35%
- **RUBBER DAM** 35%
- **HIGH VOLUME SUCTION** 35%

**ENVIRONMENTAL MITIGATION FOR NON-COVID 19 PATIENTS**

- **GENERAL VENTILATION** 15%
- **UV LIGHT/ DISINFECTION, FUMIGATION OR FOGGING** 15%
- **FOLLOW PERIOD LENGTH** 48%

**AGPs listed by guidelines**

- 56% - use high speed handpiece
- 46% - powered airway
- 21% - use high speed handpiece
- 19% - surgical aspiration
- 10% - air suction
- 10% - decontamination radiography
- 5% - lasers

63 included guidelines

While most documents indicate that AGPs can be performed, a number suggest caveats to their use. Many recommend limiting the use of AGPs where possible, but 19% recommend only performing AGPs for dental emergencies. Additional details including specific information for treating COVID-19 patients can be found in the appendix to the main report.

**FOLLOW PERIOD LENGTH**

- 48% of the guidelines recommend having a follow period.
- The amount of time recommended varied (2-180 mins) between guidelines and also within guidelines, depending on environmental mitigation.
- None of the follow period recommendations were based on scientific evidence COVID-19.

**WHERE THE GUIDELINES COME FROM**

- 58 guidelines (94%) suggest wearing mask. 19 guidelines included more than one level of mask, and 5 did not specify the type of mask recommended
- 6% guidelines (10%) suggested wearing gown. 19 guidelines included more than one level of gown, and 5 did not specify the type of gown recommended
- 52% guidelines (81%) suggested wearing surgical cap/hat. 19 guidelines included more than one level of surgical cap/hat, and 5 did not specify the type of surgical cap/hat recommended
- 30% guidelines (48%) suggested wearing surgical apron. 19 guidelines included more than one level of apron, and 5 did not specify the type of apron recommended
- 92% guidelines (15%) suggested wearing surgical mask. 19 guidelines included more than one level of surgical mask, and 5 did not specify the type of surgical mask recommended
- 81% guidelines (14%) suggested wearing double gloving. 19 guidelines included more than one level of double gloving, and 5 did not specify the type of double gloving recommended

**PPE FOR TREATING NON-COVID 19 PATIENTS**

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- 15% guidelines (67%) suggested wearing double gloving. 19 guidelines included more than one level of double gloving, and 5 did not specify the type of double gloving recommended
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