Use of Oticon EduMic remote microphone is critical in today’s classroom

- Teachers’ use of personal protective equipment (PPE) will compromise student audibility.
- Researchers have found that when the talker wearing PPE is only three feet (one meter) from the listener, in a quiet room, speech understanding is compromised.
- Classroom noise, distance between teacher and student, and reverberation will further reduce access to spoken language.
- **Oticon EduMic Remote Microphone** and its **adaptive technology** promote improved student audibility when teachers are using PPE.

### Oticon EduMic promotes speech understanding when teachers wear PPE*

<table>
<thead>
<tr>
<th>PPE Type</th>
<th>Reduced Access To Speech</th>
<th>Speech Intelligibility Index (SII)</th>
<th>Improved Access To Speech</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smile Window</td>
<td>60</td>
<td>60</td>
<td>78</td>
</tr>
<tr>
<td>Face Shield</td>
<td>62</td>
<td>68</td>
<td>74</td>
</tr>
<tr>
<td>Fabric Mask</td>
<td>64</td>
<td>70</td>
<td>76</td>
</tr>
<tr>
<td>Surgical Mask</td>
<td>66</td>
<td>72</td>
<td>78</td>
</tr>
</tbody>
</table>

*Measurements Taken at Close Distance of Three Feet (One Meter)

Gordey and Baumann, 2020

Understanding students’ individual listening needs in the classroom

- Access to visual information is critical. Share information on whiteboards, handouts and by demonstration when possible.
- **Strategic seating** will allow students to be in the best place in the classroom to see and hear their classmates.
- Assess your students’ learning styles. Auditory or visual learners each may benefit from a different style of PPE. Consider window masks or face shields for visual learners and surgical or fabric masks for auditory learners.
- **Auditory fatigue** may be more prevalent among students with hearing loss due to the use of PPE.

*Work with your school-based hearing professional to understand the impact of PPE on your students with hearing loss. They can help you create strategies to best support their learning.*
Online learning with Oticon EduMic and ConnectClip

- Oticon EduMic and ConnectClip support online classroom learning through platforms such as Zoom, Skype, GoToMeeting and many more.

- Students can use the Bluetooth® dongle* to pair their ConnectClip to their PC, Chromebook or tablet, allowing them to hear classroom lessons and interact with the teacher and classmates.

- Students can also use the 3.5mm aux cable to connect their EduMic to their PC, Chromebook or tablet, allowing them to hear classroom lessons.

* Bluetooth dongle may not be required depending on Bluetooth capability of device used.

For more information about Oticon EduMic and ConnectClip, please contact your Oticon representative or Oticon Pediatrics at 888.684.7331.