The purpose of this project was to demonstrate an understanding of the need for a mask among many people, especially those who may not understand the need for a mask (Sivaraman, Virues-Ortega, & Roeyers, 2020). The purpose of this project was to demonstrate an understanding of the need for a mask among many people, especially those who may not understand the need for a mask (Sivaraman, Virues-Ortega, & Roeyers, 2020).

During the COVID-19 pandemic, face masks are a new stimulus that may cause distress for many people, especially those who may not understand the need for a mask (Sivaraman, Virues-Ortega, & Roeyers, 2020).

Participants:
- Carolyn, 40-year-old female with ASD and ID
- Sally, 32-year-old female with ASD and ID
- Krista, 54-year-old female with ASD and ID
- The purpose of this project was to demonstrate an understanding of the need for a mask among many people, especially those who may not understand the need for a mask (Sivaraman, Virues-Ortega, & Roeyers, 2020).

Setting:
- Apartment in a state-run residential facility.
- The purpose of this project was to demonstrate an understanding of the need for a mask among many people, especially those who may not understand the need for a mask (Sivaraman, Virues-Ortega, & Roeyers, 2020).

Materials:
- Cup, cloth, paper, Bandana, and neck-gator style face masks
- Electronic devices with data-collection application (Countee)
- Coloring pages and markers
- The purpose of this project was to demonstrate an understanding of the need for a mask among many people, especially those who may not understand the need for a mask (Sivaraman, Virues-Ortega, & Roeyers, 2020).

Definitions
- **Mask On** – Mask covers mouth and nose
- **Partial Mask On** – Mask covers part of mouth or nose
- **Therapist Prompt** – Verbal prompts for the participant to put his/her mask back on

**Interobserver Agreement:**

<table>
<thead>
<tr>
<th>Duration (s)</th>
<th>Trials</th>
<th>SSSA</th>
<th>Continuous Attention Evaluation</th>
<th>Attention</th>
<th>No Attention</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48</td>
<td>Paper</td>
<td>Cup</td>
<td>Cloth</td>
<td>Bandana</td>
</tr>
</tbody>
</table>

**Treatment Integrity:**

<table>
<thead>
<tr>
<th>% sessions with IOA</th>
<th>% Agreement</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.25 %</td>
<td>97.78 %</td>
</tr>
</tbody>
</table>

**Percent of Session Wearing Mask**

<table>
<thead>
<tr>
<th>Duration (s)</th>
<th>Trials</th>
<th>SSSA</th>
<th>Continuous Attention Evaluation</th>
<th>Attention</th>
<th>No Attention</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48</td>
<td>Paper</td>
<td>Cup</td>
<td>Cloth</td>
<td>Bandana</td>
</tr>
</tbody>
</table>

**Treatment Integrity:**

<table>
<thead>
<tr>
<th>% sessions with TI</th>
<th>% Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>30.56 %</td>
<td>99.32 %</td>
</tr>
</tbody>
</table>

**Preference Assessment Procedures:**

1. **Single Stimulus:** One mask presented at start of trial
2. **Multiple Stimulus:** Multiple masks presented at start of trial and participant asked to choose one

**Reinforcement Procedures:**

1. **SSPA + Reinforcement:** One mask presented at start of trial and reinforcement delivered contingent on mask wearing
2. **MSWO + Reinforcement:** Multiple masks presented at start of trial, participant selects one mask, and reinforcement delivered contingent on mask wearing
3. **Continuous Attention:** Attention provided for the entire session
4. **30-min Continuous Attention (2:1):** 2-min period of attention alternated with 1-min periods of no attention
5. **10-min Mixed Schedule Tangible (5:5):** 5-min period of no coloring page available followed by 5-min period of coloring page available contingent on putting on mask

**Discussion**

- Identifying individual preferences could allow individuals with IDD and ASD safe access to public locations.
- For two of three participants, identifying a preferred mask was critical for increasing mask wearing.
- For one participant, a simple reinforcement system was needed to identify mask preference.
- This approach allowed us to develop individualized interventions for increasing the duration of mask wearing.

**References**
