



# The Value of Telepractice in Speech-Language Pathology



SLP telepractice services are feasible and effective for assessing and treating speech, language, communication, and swallowing disorders in...

## People With Progressive Conditions

Alzheimer's Disease and Dementia<sup>1-3</sup>  
Head and Neck Cancer<sup>4</sup>  
Mild Cognitive Impairment<sup>1-3, 5</sup>  
Primary Progressive Aphasia<sup>6</sup>  
Parkinson's Disease<sup>6-9</sup>  
Multiple Sclerosis<sup>1</sup>

## People With Acquired Conditions

Acquired Brain Injury<sup>1, 10, 11</sup>  
Aphasia<sup>6, 11-13</sup>  
Cerebral Palsy<sup>14</sup>  
Developmental Disabilities<sup>15</sup>  
Dysarthria<sup>12, 16</sup>  
Traumatic Brain Injury<sup>6, 17, 18</sup>

## People With Deficits in...

Cognitive-Communication<sup>1, 10, 12</sup>  
Feeding and Swallowing<sup>6, 7, 12, 19-22, 24</sup>  
Fluency<sup>25-28</sup>  
Speech and Language<sup>12, 29-36</sup>  
Voice<sup>6, 12, 37</sup>  
Written Language<sup>38</sup>

## People Who Are...

Augmentative/Alternative Communication Users<sup>39, 40</sup>  
Autistic<sup>28, 41-47</sup>  
Deaf or Hard of Hearing<sup>48, 49</sup>  
Multilingual<sup>40, 50, 51</sup>



## Increased Access and Efficiency

Compared with in-person services, individuals receiving SLP services via telepractice had...

- Decreased appointment wait times by 2-3 days for swallowing services.<sup>4, 52</sup>
- On average, **4.86 fewer** sessions and **136 fewer** treatment minutes for swallowing and communication treatment to adults with head and neck cancer.<sup>53</sup>
- 21.4% fewer** cancellations and **12.9%-18% fewer** missed sessions for voice treatment.<sup>54, 55</sup>
- 3.14 times** higher treatment completion rate for gender-affirming voice care.<sup>56</sup>



## Reduced Consumer Costs

Compared with in-person services, SLP telepractice decreased consumer costs related to lost wages, productivity, and travel by...

- 10.7% for swallowing treatment to adults with head and neck cancer.<sup>57</sup>
- 70.3% for communication treatment to adults with Parkinson's disease.<sup>58</sup>
- 51.8% for pediatric feeding treatment.<sup>23</sup>
- 26.2% for functional communication treatment to children with developmental disorders.<sup>59</sup>



## Improved Function

### Patient-Reported Measures

#### Communication

**96.7%**  
Telepractice  
**94.6%**  
In-Person

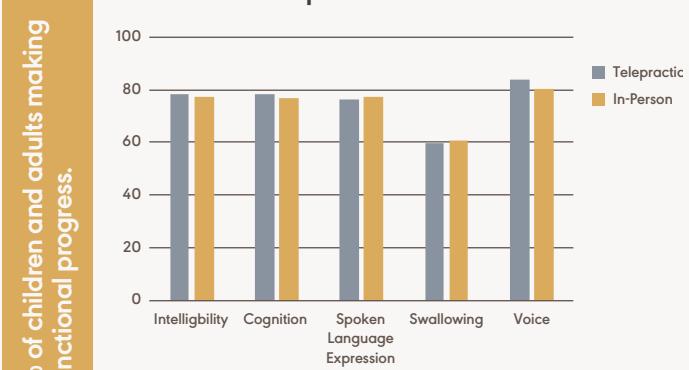
#### Cognition

**94.5%**  
Telepractice  
**93.2%**  
In-Person

Adults who felt that their skills improved because of SLP services.

Telepractice and in-person SLP outpatient treatment result in similar levels of improvement on patient-reported measures.<sup>12</sup>

### Clinician-Reported Measures



Telepractice and in-person SLP outpatient treatment result in similar levels of improvement on clinician-reported measures.<sup>12</sup>



## Increased Consumer Satisfaction, Acceptance, and Adherence

\*Pediatric SLP services



High satisfaction and acceptability<sup>7, 22, 24, 60, 61</sup>  
**80%-99%**



Reduction in discharges due to non-adherence<sup>\*12</sup>  
**41%**



Increase in completion of home program<sup>12</sup>  
**11%**

Learn more about telepractice: Visit [www.asha.org/practice-portal/professional-issues/telepractice/](http://www.asha.org/practice-portal/professional-issues/telepractice/).

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