

## Potential Treatment Strategies for Individuals with Primary Progressive Aphasia

This document serves as a list of communication strategies that have been implemented successfully with individuals with primary progressive aphasia. This list is not exhaustive; there are additional strategies that meet the communication needs and skills of other individuals with PPA and their communication partners. It is expected that strategies may be modified for a person-centered treatment approach.

Impairment Approaches	Compensatory Approaches	Environmental Approaches
<p><b>WORD RETRIEVAL STRATEGIES</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Semantic feature analysis</li> <li><input type="checkbox"/> Generative naming</li> <li><input type="checkbox"/> Hierarchical cueing for lexical retrieval, including semantic circumlocution and/or phonemic cueing</li> </ul> <p><b>FLUENCY STRATEGIES</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Script training</li> <li><input type="checkbox"/> Oral reading for fluency</li> </ul> <p><b>MOTOR SPEECH STRATEGIES</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Articulatory cueing</li> <li><input type="checkbox"/> Syllable segmentation/pacing</li> <li><input type="checkbox"/> Oral reading for motor speech</li> <li><input type="checkbox"/> Melodic Intonation Therapy (modified, as needed)</li> <li><input type="checkbox"/> Rosenbek 8-step hierarchy for apraxia of speech (modified, as needed)</li> </ul> <p><b>WORD COMPREHENSION STRATEGIES</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Forced choice word-picture matching</li> </ul>	<p><b>MULTI-MODAL COMMUNICATION STRATEGIES</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Writing</li> <li><input type="checkbox"/> Drawing</li> <li><input type="checkbox"/> Gestures</li> </ul> <p><b>SPELLING SUPPLEMENTATION</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> First letter or whole word spelling with alphabet board</li> </ul> <p><b>LOW TECH AAC</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Photo album/picture book/remnants</li> <li><input type="checkbox"/> Personalized Communication wallet, book, board</li> <li><input type="checkbox"/> Written word lists/written scripts</li> <li><input type="checkbox"/> Newspaper or available printed materials</li> <li><input type="checkbox"/> Written templates for daily tasks (e.g., grocery list, taking phone messages, emails)</li> </ul> <p><b>HIGH TECH AAC</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Apps on smart phones and/or tablet _____</li> <li><input type="checkbox"/> AAC apps on smart phone or tablet _____</li> <li><input type="checkbox"/> Speech Generating Device</li> </ul>	<p><b>ENVIRONMENTAL MODIFICATIONS</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Elimination of environmental distractions</li> <li><input type="checkbox"/> Personalized tangible prompts</li> <li><input type="checkbox"/> Identification of environmental cues</li> <li><input type="checkbox"/> Provision of graphic support (Maps, timelines, drawings, photos)</li> <li><input type="checkbox"/> Provision of tangible remnant</li> </ul>
<b>Communication Partner Training</b>		
<ul style="list-style-type: none"> <li><input type="checkbox"/> Conversational coaching</li> <li><input type="checkbox"/> Training in multimodal communication</li> <li><input type="checkbox"/> Training in Augmented Input/key wording</li> <li><input type="checkbox"/> Tagged Yes/No questions</li> <li><input type="checkbox"/> Written choice cueing</li> <li><input type="checkbox"/> Auditory Comprehension strategies/asking questions</li> </ul>		

## Resources

### Our Articles

- Khayum B, Rogalski E. **Toss the Workbooks! Choose treatment strategies for clients with dementia that address their specific life-participation goals.** The ASHA Leader. 2018;23:40-42. PMID: In Process
- Khayum B, Wieneke C, Rogalski E, Robinson J, O'Hara M. **Thinking Outside the Stroke: Treating Primary Progressive Aphasia (PPA).** Perspect Gerontol. 2012; 17:37-49; PMID: 26500714; PMC4613785
- Mooney A, Beale N, Fried-Oken M. **Group Communication Treatment for Individuals with PPA and Their Partners.** Semin Speech Lang. 2018;39:257-269. PMID: In process
- Morhardt D, Weintraub S, Khayum B, Robinson J, Medina J, O'Hara M, Mesulam M, Rogalski EJ. **The CARE pathway model for dementia: psychosocial and rehabilitative strategies for care in young-onset dementias.** Psychiatric Clinics of North America. 2015; 38: 333-352; PMID: 25998120; PMID: PMC4635684
- Rogalski EJ, Khayum B. **A Life Participation Approach to Primary Progressive Aphasia Intervention.** Semin Speech Lang. 2018: 39:284-296. PMID: In process
- Rogalski EJ, Saxon M, McKenna H, Wieneke C, Rademaker A, Corden ME, Borio K, Mesulam MM, Khayum B. **Communication Bridge: A pilot feasibility study of Internet-based speech–language therapy for individuals with progressive aphasia.** Alzheimer's & Dementia: Translational Research & Clinical Interventions. 2016; 2:213-221. PMID: In progress

### Our Websites

Northwestern University: Mesulam Center for Cognitive Neurology and Alzheimer's Disease

<https://www.brain.northwestern.edu/dementia/ppa/index.html>

Oregon Health & Science University: Realizing Expressive KNowledge in Everyone With Communication Impairments

<https://www.ohsu.edu/xd/research/centers-institutes/institute-on-development-and-disability/reknew/diagnosis-based-information/primary-progressive-aphasia.cfm>