

Support Your Stance

Speech-Language Pathologists (SLP) use research and evidence-based practice to guide their interventions and recommendations. At times, an SLP may be asked for research articles that support what they say. Below is a list of articles that may help you back and support and support your recommendations regarding AAC.

*This is not an exhaustive list of research articles.

Myths and Misconceptions About AAC

- Blischak, D., Lombardino, L., & Dyson, A. (2003). Use of speech-generating devices: in support of natural speech. *Augmentative and Alternative Communication*, 19:1,29 — 35
- DeThorne, L., et. al. (2009) When “Simon Says” doesn't work: Alternatives to imitation for facilitating early speech development. *American Journal of Speech-Language Pathology*, 18, 133-145.
- Does AAC impede natural speech?- and other fears. University of Nebraska-Lincoln's AAC Connecting Young Kids [YAACK] website—<http://aac.unl.edu/yaack/b2.html>
- Light, J., Beukelman, D., & Reichle, J. (2003). *Communicative competence for individuals who use AAC: From research to effective practice*. Baltimore: Paul H. Brookes Publishing.
- Loncke, F., et. al. (2008, November) Are users of speech generating devices using an internal phonology?. Technical/Platform Session at the American Speech Language Hearing Association Convention: Chicago.
- Millar, D., Light, J., & Schlosser, R. (2006). The impact of augmentative and alternative communication intervention on the speech production of individuals with developmental disabilities: A research review. *Journal of Speech, Language and Hearing Research*. 49:248-264.
- Ronski, M., & Sevcik, R. A. (2005). Augmentative communication and early intervention: Myths and realities. *Infants & Young Children*, 18(3), 174-185.

Implementation of AAC- Children

- Soto, G. and Clarke, M. T. (2017). Effects of Conversation-Based Intervention on the Linguistic Skills of Children With Motor Speech Disorders Who Use Augmentative and Alternative Communication. *Journal of Speech, Language, and Hearing Research* 60(7), 1980-1998.
- Quinn, E. D., Kaiser, A. P., & Ledford, J. R. (2020). Teaching Preschoolers With Down Syndrome Using Augmentative and Alternative Communication Modeling During Small Group Dialogic Reading. *American Journal of Speech-Language Pathology*, 29(1), 80-100.
- Light JC, Binger C, Agate TL, Ramsay KN. Teaching partner-focused questions to individuals who use augmentative and alternative communication to enhance their communicative competence. *J Speech Lang Hear Res*. 1999 Feb;42(1):241-55. doi: 10.1044/jslhr.4201.241. PMID: 10025558.
- Barton-Hulsey A, Wegner J, Brady NC, Bunce BH, Sevcik RA. Comparing the Effects of Speech-Generating Device Display Organization on Symbol Comprehension and Use by Three Children With Developmental Delays. *Am J Speech Lang Pathol*. 2017 May 17;26(2):227-240. doi: 10.1044/2016_AJSLP-15-0166. PMID: 28257530; PMCID: PMC7253965.
- DeCarlo, J., Bean, A., Lyle, S., Paden Miller Cargill, L. (2019). The Relationship Between Operational Competency, Buy-In, and Augmentative and Alternative Communication Use in School-Age Children with Autism. *American Journal of Speech-Language Pathology*, Vol. 28, Issue 2 pgs. 469-484.
- Blackstone, S. W., Luo, F., Canchola, J., Wilkinson, K. M., & Roman-Lantzy, C. (2021). Children With Cortical Visual Impairment and Complex Communication Needs: Identifying Gaps Between Needs: Identifying Gaps Between Needs and Current Practice. *Language, Speech, and Hearing Services in Schools* 52(2), 612-629.

Support Your Stance, Cont'd

- Meinzen-Derr, J., Sheldon, R., Altaye, M., Lane, L., Mays, L., & Wiley, S. (2021). A Technology Assisted Language Intervention for Children Who are Deaf or Hard of Hearing: A Randomized Clinical Trial. *Pediatrics* 2021, 147; DOI: 10.1542/PEDS.2020-025734
- Sennott, Baker (2009). Autism, AAC, and Proloquo2Go. *Perspectives on AAC*, 18, 137-145
://sig12perspectives.pubs.asha.org/article.aspx?articleid=1765980
- van der Meer and Rispoli (2010) Communication interventions involving speech-generating devices for children with autism: A review of the literature. *Developmental Neurorehabilitation*, 4, 294-306. Doi: 10.3108/17518421003671494
<http://www.tandfonline.com/doi/abs/10.3108/17518421003671494?needAccess=true&journalCode=ipdr20>
- van der Meer, Sutherland, O'Reilly, Lacioni, & Sigafoos. (2012) A further comparison of manual signing, picture exchange, and speech-generating devices as communication modes for children with autism spectrum disorders. *Research in Autism Spectrum Disorders*, 6, 1247-1257. <http://www.sciencedirect.com/science/article/pii/S1750946712000451>
- Trottier, Kamp Mirenda, P.(2011) Effects of Peer-Mediated Instruction to Teach Use of Speech-Generating Devices to Students with Autism in Social Game Routine, *Augmentative and Alternative Communication*, 1, 26-39.
<http://www.tandfonline.com/doi/abs/...>
- Thiemann-Bourque, K. S., McGuff, S., and Goldstein, H. (2017). Training Peer Partners to Use a Speech-Generating Device With Classmates With Autism Spectrum Disorder: Exploring Communication Outcomes Across Preschool Contexts. *Journal of Speech, Language, and Hearing Research*, 60, 2648-2662.

Implementation of AAC- Adult

- Schmidt-Naylor AC, Saunders KJ, Brady NC. Developing the Alphabetic Principle to Aid Text-Based Augmentative and Alternative Communication Use by Adults With Low Speech Intelligibility and Intellectual Disabilities. *Am J Speech Lang Pathol*. 2017 May 17;26(2):397-412. doi: 10.1044/2016_AJSLP-15-0047. PMID: 28474087; PMCID: PMC5544363.
- Thiessen, Amber, and Beukelman, David (2012). Training Communication Partners of Adults Who Rely on AAC: Co-Construction of Meaning. *Perspectives on Augmentative and Alternative Communication* 22(1):16 DOI:10.1044/aac22.1.16
- Wallace, Sarah E., and Sarah, Diehl (2017). Multimodal Communication Program for Adults: Cognitive Considerations. *Perspectives of the ASHA Special Interest Groups - Special Interest Group 1*, 2(12), 4-12. <https://doi.org/10.1044/persp2.SIG12.4>
- van der Meer, L., Matthews, T., Ogilvie, E., Berry, A., Waddington, H., Balandin, S., O'Reilly, M. F., Lacioni, G., and Sigafoos, J. (2017). Training Direct-Care Staff to Provide Communication Intervention to Adults with Intellectual Disability: A Systemic Review. *American Journal of Speech-Language Pathology* 26(4), 1279-1295.

Language Representation in AAC

- Thistle, J. J., & Wilkinson, K. (2017). Effects of background color and symbol arrangement cues on construction of multi-symbol messages by young children without disabilities: implications for aided AAC design. *Augmentative and Alternative Communication*, 33(3), 160-169.
- Angermeier, Katie, Schlosser, Ralf W., Luiselli, James K., Harrington, Caroline, & Carter, Beth. (2008). Effects of iconicity on requesting with the Picture Exchange Communication System in children with autism spectrum disorder. *Research in Autism Spectrum Disorders*, 2(3), 430-446.
- Ronski, MaryAnn, & Sevcik, Rose A. (2005). Augmentative Communication and Early Intervention: Myths and Realities. *Infants & Young Children*, 18(3), 174-185.
- Stephenson, Jennifer. (2009). Iconicity in the Development of Picture skills: Typical Development and Implications for Individuals with Severe Intellectual Disabilities. *Augmentative and Alternative Communication*, 25(3), 187-201.

Support Your Stance, Cont'd

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- Beukelman, D. R., Jones, R. S., Rowan, M. (1989). Frequency of word usage by nondisabled peers in integrated preschool classrooms. *Augmentative and Alternative Communication*, 5, 243-248. doi:10.1080/07434618912331275296
- Banajee, M., Dicarolo, C., Stricklin, S. (2003). Core vocabulary determination for toddlers. *Augmentative and Alternative Communication*, 19, 67-73. doi:10/1080/0743461031000112034
- Clendon, S. A., & Erickson, K. A. (2008). The vocabulary of beginning writers: Implications for children with complex communication needs. *Augmentative and Alternative Communication*, 24, 281-293. doi:10.1080/07434610802463999
- Dennis, A., Erickson, K., & Hatch, P. (2013). The dynamic learning maps core vocabulary: Overview [technical review] <http://www.med.unc.edu/ahs/clds/files/vocabulary-overview>
- Snodgrass, M. R., Stoner, J. B., & Angell, M. E. (2013). Teaching conceptually referenced core vocabulary for initial augmentative and alternative communication. *Augmentative and Alternative Communication*, 29, 322-333. doi:10.3109/07434618.2013.848932
- Prizant, B. M. (1982). Gestalt language and gestalt processing in autism. *Topics in language Disorders*, 3(1), 16-23.

AAC Assessment

- Kovacs T, Hill K. Language Samples From Children Who Use Speech-Generating Devices: Making Sense of Small Samples and Utterance Length. *Am J Speech Lang Pathol*. 2017 Aug 15;26(3):939-950. doi: 10.1044/2017_AJSLP-16-0114. PMID: 28793160.
- Mooney A, Bean A, Sonntag AM. Language Sample Collection and Analysis in People Who Use Augmentative and Alternative Communication: Overcoming Obstacles. *Am J Speech Lang Pathol*. 2021 Jan 27;30(1):47-62. doi: 10.1044/2020_AJSLP-19-00055. Epub 2021 Jan 12. PMID: 33434086.