

High-Tech Augmentative and Alternative Communication for Individuals with IDD and
Complex Communication Needs: A Meta-Analysis (**Search Terms**)

Jennifer B. Ganz¹, Ph.D., jeniganz@tamu.edu; Kristi Morin², M.Ed., klmorin@tamu.edu;
Margaret J. Foster³, MPH, margaretfoster@tamu.edu; Kimberly J. Vannest⁴, Ph.D.
kvannest@tamu.edu; Derya Genç Tosun⁵, M.Ed., deryagenc@anadolu.edu.tr; Emily V. Gregori⁶,
M.Ed., egregori@purdue.edu; Stephanie Gerow⁷, Ph.D., stephanie_gerow@baylor.edu

^{1, 2, 4} Texas A&M University

4225 Texas A&M University, College Station, TX 77843-4225

³ Texas A&M University

4462 TAMU, Medical Sciences Library, College Station, TX 77843

⁵ University of Tsukuba

1-1-1 Tennodai, Tsukuba, Ibaraki 305-8577 Japan

⁶ Purdue University

Beering Hall, West Lafayette, IN 47907-2098

⁷ Baylor University

Marrs McLean Science 316, One Bear Place #97301, Waco, TX 76798

Corresponding Author:

Jennifer B. Ganz, Ph.D.

Declaration of Conflicting Interest: The authors declare no potential conflicts of interest with respect to the research, authorship, and/or publication of this article.

Funding: The authors received no financial support for the research, authorship, and/or publication of this article.

Search Terms

(TI ((developmental n1 (disab* or delay*)) or intellectual disab* or autism or autistic or “pervasive developmental disorder” or (Asperger* n1 (disorder or syndrome)) or (Down* n1 syndrome) or (Rett* n1 (syndrome or disorder) or “cerebral palsy” or (“complex communication” n1 need*)) OR AB (developmental n1 (disab* or delay*)) or intellectual disab* or autism or autistic or “pervasive developmental disorder” or (Asperger* n1 (disorder or syndrome)) or (Down* n1 syndrome) or (Rett* n1 (syndrome or disorder) or “cerebral palsy” or (“complex communication” n1 need*)) OR (((DE "Autism") OR (DE "Pervasive Developmental Disorders") OR DE "Asperger Syndrome") OR (DE "Cerebral Palsy" OR DE "Developmental Disabilities"))) AND (AB (speech or speak* or communicat* or “joint attention” or (social n1 skill*) or intraverbal or conversation*) OR TI (speech or speak* or communicat* or “joint attention” or (social n1 skill*) or intraverbal or conversation*) OR (DE "Communication Skills" OR DE "Communicative Competence (Languages)") OR (DE "Speech" OR DE "Articulation (Speech)" OR DE "Pronunciation" OR DE "Speech Acts") AND AB (“assistive technology” or “technology” or ((augmentative or alternative or assistive) n1 communication) or technol* or computer* or mobile or ipad* or ipod* or tablet* or “voice-output communication aid” or “voice output communication aid” or “speech-generating device” or “speech generating device” or (communication n2 app*) or SGD or AAC) OR TI (“assistive technology” or “technology” or ((augmentative or alternative or assistive) n1 communication) or technol* or computer* or mobile or ipad* or ipod* or tablet* or “voice-output communication aid” or “voice output communication aid” or “speech-generating device” or “speech generating device” or (communication n2 app*) or SGD or AAC) OR DE "Assistive Technology" OR (DE "Technology")))