



References on LSVT LOUD®, LSVT BIG®, Voice and Speech in Parkinson Disease and Other Neurological Disorders from Ramig and Fox Clinical Research Teams and Other Research Teams (Updated 12/2021)

**Indicates publications by other research teams

Contents (Click on the topic of interest to jump to that section of the document)

1. Randomized controlled trials on LSVT LOUD and LSVT BIG	1
2. Review papers on LSVT LOUD and LSVT BIG	2
3. Data-based articles evaluating the efficacy of the LSVT LOUD in Parkinson’s and atypical PD	3
4. Data-based articles evaluating the efficacy of the LSVT BIG.....	7
5. Data-based articles describing voice, speech and communication in individuals with Parkinson’s .	10
6. Technology-enhanced delivery of LSVT LOUD: Telepractice and LSVT Companion®.....	13
7. LSVT LOUD in pediatric motor speech disorders	14
8. LSVT LOUD in other neurological disorders and aging	15
9. Books on neurological voice and speech disorders	16
10. Book chapters on neurological voice and speech disorders and treatment.....	16
11. Other papers of general interest.....	19
12. Select abstracts published from conference presentations.....	21
13. LSVT LOUD and LSVT BIG media and treatment resources.....	24

1. Randomized controlled trials on LSVT LOUD and LSVT BIG

Schulz, G., Halpern, A., Spielman, J., Ramig, L., Panzer, I., Sharpley, A., & Freeman, K. (2021). Single Word Intelligibility of Individuals with Parkinson's Disease in Noise: Pre-Specified Secondary Outcome Variables from a Randomized Control Trial (RCT) Comparing Two Intensive Speech Treatments (LSVT LOUD vs. LSVT ARTIC). *Brain sciences*, 11(7), 857. <https://doi.org/10.3390/brainsci11070857>

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13. LSVT LOUD and LSVT BIG media and treatment resources

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