

The SLP-Minded Podcast

Episode 1: Harnessing Technology to Treat Dysarthria: ReaDYSpeech Show References and Resources

This episode was based on Dr. Claire Mitchell's ReaDYSpeech research:

- 2017 ReaDYSpeech study:
Mitchell, C., Bowen, A., Tyson, S. & Conroy, P. (2017c). ReaDYSpeech for people with dysarthria after stroke: A feasibility randomised controlled trial. *Clinical Rehabilitation*.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5520339/>
- Mitchell, C., Bowen, A., Tyson, S., & Conroy, P. (2017). ReaDYSpeech for people with dysarthria after stroke: protocol for a feasibility randomised controlled trial. *Pilot and Feasibility Studies*, 4(25). DOI: 10.1186/s40814-017-0169-0. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5520339/>

Learn more about Dr. Claire Mitchell and her research:

- Follow Dr. Mitchell on Twitter @ReaDYSpeech
- Visit Dr. Mitchell's website at:
[https://www.research.manchester.ac.uk/portal/en/researchers/claire-mitchell\(1381f092-bd62-426e-ad36-a2e318b719e6\).html](https://www.research.manchester.ac.uk/portal/en/researchers/claire-mitchell(1381f092-bd62-426e-ad36-a2e318b719e6).html)

References mentioned during this episode's interview:

- Two studies about dysarthria treatment considered to be unbiased from Cochrane:
 - Bowen, A., Hesketh, A., Patchick, E., Young, A., Davies, L., Vail, A., Long, A., Watkins, C., Wilkinson, M., Pearl, G., Ralph, M. L., Tyrrell, P. & Investigators, A. C. T. N. (2012a). Clinical effectiveness, cost-effectiveness and service users' perceptions of early, well-resourced communication therapy following a stroke: a randomised controlled

trial (the ACT NoW Study). Health Technology Assessment, 16(26), 1-+. <https://www.ncbi.nlm.nih.gov/pubmed/22613690>

- Published in slightly shorter format in the BMJ: Bowen, A., Hesketh, A., Patchick, E., Young, A., Davies, L., Vail, A., Long, A. F., Watkins, C., Wilkinson, M., Pearl, G., Ralph, M. A. L. & Tyrrell, P. (2012b). Effectiveness of enhanced communication therapy in the first four months after stroke for aphasia and dysarthria: a randomised controlled trial. British Medical Journal, 345. <https://www.ncbi.nlm.nih.gov/pubmed/22797843>
- Mackenzie, C., Muir, M., Allen, C. & Jensen, A. (2014). Non-speech oro-motor exercises in post-stroke dysarthria intervention: a randomized feasibility trial. International Journal of Language & Communication Disorders, 49(5), 602-617. <https://www.ncbi.nlm.nih.gov/pubmed/24889103>
- Dr. Mitchell's *Evidently Cochrane Blogs* on dysarthria:
 - Mitchell, C & Dancer, A. Evidently Cochrane Blog. Research is better together: a stroke survivor and a researcher tell us why. <http://www.evidentlycochrane.net/research-better-together/ March 2018>
 - Mitchell, C. 26 Jan 2017 Evidently Cochrane Blog. Sorry what did you say? Living with dysarthria (unclear speech) after stroke: Annette shares her story of living with dysarthria. <http://www.evidentlycochrane.net/living-with-dysarthria-after-stroke/>
- The TOMS outcome measure:
Enderby, P., John, A. & Petheram, B. (2013). Therapy outcome measures for rehabilitation professionals: speech and language therapy, physiotherapy, occupational therapy: John Wiley & Sons. <http://www.jrpress.co.uk/therapy-outcome-measures-rehabilitation-professionals.html>
- The COAST – patient rated outcome scale:
Long, A. F., Hesketh, A., Paszek, G., Booth, M. & Bowen, A. (2008). Development of a reliable self-report outcome measure for pragmatic trials of communication therapy following stroke: The Communication Outcome after Stroke (COAST) scale. Clinical Rehabilitation, 22(12), 1083-1094. <https://www.click2go.umip.com/i/coa/coast.html>
- Studies that demonstrate improved patient outcomes when patients are involved in research:
 - Brauholtz DA, Edwards SJ, Lilford RJ: Are randomized clinical trials good for us (in the short term)? Evidence for a "trial effect". [Review]

[26 refs]. Journal of Clinical Epidemiology. 2001, 54: 217-224.
10.1016/S0895-4356(00)00305-X.

<https://www.ncbi.nlm.nih.gov/pubmed/11223318>

- Peppercorn JM, Weeks JC, Cook EF, Joffe S: Comparison of outcomes in cancer patients treated within and outside clinical trials: conceptual framework and structured review. Lancet. 2004, 363: 263-270. 10.1016/S0140-6736(03)15383-4.

<https://www.ncbi.nlm.nih.gov/pubmed/14751698>