

6th Annual Neuromuscular Conference

Evidence of Bulbar Dysfunction Features in Neuromuscular Disease: Why the Need for Expertise?

Sarah Stranberg, MA, CCC-SLP

Adam A Abu-Gameh, Jonathan E J Koch, David Schleifer, Yuval Baruch, Itzhak Engel, Eyal Yaacobi, Nissim Ohana, Incidence, Risk Factors, and Outcomes of Recurrent Laryngeal Nerve Injury and Dysphonia Following Anterior Cervical Spine Surgery: A Systematic Review and Meta-Analysis, *Cureus*, 10.7759/cureus.78763, (2025).

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Identifying the Appropriate Screening and Evaluation Tools

Jodi Allen, SLT

Miranda Clements, MS, CCC-SLP

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Role of the Healthcare Provider

Connie Wolford, MSN, FNP-BC

Knuijt, S., Kalf, J. G., de Swart, B. J., Drost, G., Hendricks, H. T., Geurts, A. C., & van Engelen, B. G. (2014). Dysarthria and dysphagia are highly prevalent among various types of neuromuscular diseases. *Disability and rehabilitation*, *36*(15), 1285–1289. <https://doi.org/10.3109/09638288.2013.845255>

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Pulmonologist

Oscar H Mayer, MD

Chatwin, M., Ross, E., Hart, N., Nickol, A. H., Polkey, M. I., & Simonds, A. K. (2003). Cough augmentation with mechanical insufflation/exsufflation in patients with neuromuscular weakness. *The European respiratory journal*, *21*(3), 502–508.

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Ear Nose and Throat / Otolaryngologist

11:15AM - 12:00PM

Karthik Balakrishnan, MD, MPH, FAAP, FACS

Dunaway Young, S., Mcgrattan, K., Johnson, E., Van Der Heul, M., Duong, T., Bakke, M., Werlauff, U., Pasternak, A., Cattaneo, C., Hoffman, K., Fanelli, L., Breaks, A., Allison, K., Baranello, G., Finkel, R., Coratti, G., & Lofra, R. M. (2023). Development of an International SMA Bulbar Assessment for Inter-professional Administration. *Journal of Neuromuscular Diseases*, 10(4), 639-652. <https://doi.org/10.3233/JND-221672>

Goedeker, N. L., Dharia, S. D., Griffin, D. A., Coy, J., Truesdale, T., Parikh, R., Whitehouse, K., Santra, S., Asher, D. R., & Zaidman, C. M. (2023). Evaluation of rAAVrh74 gene therapy vector seroprevalence by measurement of total binding antibodies in patients with Duchenne muscular dystrophy. *Therapeutic advances in neurological disorders*, 16, 17562864221149781. <https://doi.org/10.1177/17562864221149781>

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Dietician

Becky Hurst Davis, MS, RD, CSP, CD, CNSC

Stephani Joseph, RD

Chandrasekar, N., Dehlsen, K., Leach, S. T., & Krishnan, U. (2022). Blenderised Tube Feeds vs. Commercial Formula: Which Is Better for Gastrostomy-Fed Children? *Nutrients*, *14*(15), 3139. <https://doi.org/10.3390/nu14153139>

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Rehabilitation Specialists (SLP and OT)

Marielle Pascual, OTR/L

Beukelman, David R.; Thiessen, Amber; Fager, Susan Koch. Personalization of Visual Scene Displays: Preliminary Investigations of Adults With Aphasia, Typical Females Across the Age Span, and Young Adult Males and Females. *Topics in Language Disorders* 41(3):p E1-E11

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Amy Roman, MS, CCC-SLP

Leon-Astudillo, C., Brooks, O., Salabarría, S. M., Coker, M., Corti, M., Lammers, J., Plowman, E. K., Byrne, B. J., & Smith, B. K. (2024). Longitudinal changes of swallowing safety and efficiency in infants with spinal muscular atrophy who received disease modifying therapies. *Pediatric pulmonology*, 59(5), 1364–1371. <https://doi.org/10.1002/ppul.26919>

Updates in Research

Kyle Loh, PhD

Hardiman, O., Al-Chalabi, A., Chio, A., Corr, E. M., Logroscino, G., Robberecht, W., Shaw, P. J., Simmons, Z., & van den Berg, L. H. (2017). Amyotrophic lateral sclerosis. *Nature reviews. Disease primers*, 3, 17071. <https://doi.org/10.1038/nrdp.2017.71>

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Katlyn Elizabeth McGrattan, PhD

McGrattan K, Walsh K, Mehl L, Kaur S, Dilly KW. Systematic literature review of the impact of spinal muscular atrophy therapies on bulbar function. *Journal of Neuromuscular Diseases*. 2024;0(0). doi:[10.1177/22143602241303373](https://doi.org/10.1177/22143602241303373)

Frank Willett, PhD

Card, N. S., Wairagkar, M., Iacobacci, C., Hou, X., Singer-Clark, T., Willett, F. R., Kunz, E. M., Fan, C., Vahdati Nia, M., Deo, D. R., Srinivasan, A., Choi, E. Y., Glasser, M. F., Hochberg, L. R., Henderson, J. M., Shahlaie, K., Stavisky, S. D., & Brandman, D. M. (2024). An Accurate and Rapidly Calibrating Speech Neuroprosthesis. *The New England journal of medicine*, *391*(7), 609–618. <https://doi.org/10.1056/NEJMoa2314132>

Pandarath, C., Nuyujukian, P., Blabe, C. H., Sorice, B. L., Saab, J., Willett, F. R., Hochberg, L. R., Shenoy, K. V., & Henderson, J. M. (2017). High performance communication by people with paralysis using an intracortical brain-computer interface. *eLife*, *6*, e18554. <https://doi.org/10.7554/eLife.18554>

Willett, F. R., Kunz, E. M., Fan, C., Avansino, D. T., Wilson, G. H., Choi, E. Y., Kamdar, F., Glasser, M. F., Hochberg, L. R., Druckmann, S., Shenoy, K. V., & Henderson, J. M. (2023). A high-performance speech neuroprosthesis. *Nature*, *620*(7976), 1031–1036. <https://doi.org/10.1038/s41586-023-06377-x>