

## WEITERFÜHRENDE LITERATUR ZU KINDLICHEN DYSARTHRIEN

Die folgende Liste erhebt keinen Anspruch auf Vollständigkeit. Einige Themen wurden ausgespart, da Literaturempfehlungen an anderer Stelle zu finden sind (z.B. *unterstützte Kommunikation*, siehe <https://www.gesellschaft-uk.org/ueber-uk/publikationen.html>).

Die Autorinnen des Lernmoduls weisen darauf hin, dass sie aus wissenschaftlicher Sicht nicht mit allen in den Veröffentlichungen vertretenen Ansätzen übereinstimmen, die kritische Auseinandersetzung mit der Literatur ist jedoch dem Leser überlassen. Unsere Leseempfehlungen (**fett gedruckt**) entsprechen unserer subjektiven Auswahl.

### GRUNDLAGEN DYSARTHRIE ALLGEMEIN

- Duffy, J. R. (2019). *Motor speech disorders: Substrates, differential diagnosis, and management* (4 ed.). St. Louis: Mosby Incorporated.
- McNeil, M. R. (2009). *Clinical Management of Sensorimotor Speech Disorders*: Thieme.
- Ziegler, W., Schölderle, T., Staiger, A., & Vogel, M. (2018). *BoDyS - Bogenhausener Dysarthrieskalen*. Göttingen: Hogrefe Verlag.
- Ziegler, W., & Vogel, M. (2010). *Dysarthrie: verstehen - untersuchen - behandeln*. Stuttgart: Georg Thieme Verlag.

### GRUNDLAGEN KINDLICHE DYSARTHRIE

- **Allison, K., & Hustad, K. C. (2018). Acoustic Predictors of Pediatric Dysarthria in Cerebral Palsy. *Journal of speech, language, and hearing research*, 61(3), 462-478.**
- **Allison, K. M., & Hustad, K. C. (2018). Data-Driven Classification of Dysarthria Profiles in Children With Cerebral Palsy. *Journal of Speech, Language, and Hearing Research*, 61(12), 2837-2853.**
- Blumberg, M. (1955). Respiration and speech in the cerebral palsied child. *American Journal of Diseases of Children*, 89(1), 48-53.
- Byrne, M. C. (1959). Speech and language development of athetoid and spastic children. *Journal of Speech and Hearing Disorders*, 24(3), 231-240.
- Cahill, L. M., Murdoch, B. E., & Theodoros, D. G. (2005). Articulatory function following traumatic brain injury in childhood: a perceptual and instrumental analysis. *Brain Injury*, 19(1), 41-58.
- Chen, L. M., Hustad, K. C., Kent, R. D., & Lin, Y. C. (2018). Dysarthria in Mandarin-Speaking Children with Cerebral Palsy: Speech Subsystem Profiles. *Journal of Speech, Language, and Hearing Research*, 61(3), 525-548.
- Clarke, W. M., & Hoops, H. R. (1980). Predictive measures of speech proficiency in cerebral palsied speakers. *Journal of Communication Disorders*, 13(5), 385-394.
- Clement, M., & Twitchell, T. E. (1959). Dysarthria in cerebral palsy. *Journal of Speech and Hearing Disorders*, 24(2), 118-122.
- Cornwell, P. L., Murdoch, B. E., Ward, E. C., & Kellie, S. (2003). Perceptual evaluation of motor speech following treatment for childhood cerebellar tumour. *clinical linguistics & phonetics*, 17(8), 597-615.
- Darling-White, M., Sakash, A., & Hustad, K. C. (2018). Characteristics of Speech Rate in Children With Cerebral Palsy: A Longitudinal Study. *Journal of Speech, Language, and Hearing Research*, 61(10), 2502-2515.
- De Smet, H. J., Baillieux, H., Catsman-Berrevoets, C. E., De Deyn, P. P., Mariën, P., & Paquier, P. F. (2007). Postoperative motor speech production in children with the syndrome of 'cerebellar'

- mutism and subsequent dysarthria: a critical review of the literature. *European Journal of Paediatric Neurology*, 11(4), 193-207.
- Farmer, A. (1980). Voice onset time production in cerebral palsied speakers. *Folia Phoniatrica et Logopaedica*, 32(4), 267-273.
  - Himmelmann, K., Lindh, K., & Hidecker, M. J. (2013). Communication ability in cerebral palsy: A study from the CP register of western Sweden. *The European Journal of Paediatric Neurology*, 17(6), 568-574.
  - Hixon, T. J., & Hardy, J. C. (1964). Restricted motility of the speech articulators in cerebral palsy. *Journal of Speech and Hearing Disorders*, 29(3), 293.
  - **Hustad, K., Gorton, K., & Lee, J. (2010). Classification of speech and language profiles in 4-year-old children with cerebral palsy: a prospective preliminary study. *Journal of Speech, Language and Hearing Research*, 53(6), 1496-1513.**
  - Hustad, K., & Sassano, K. (2002). Effects of rate reduction on severe spastic dysarthria in cerebral palsy. *Journal of Medical Speech-Language Pathology*, 10(4), 287-292.
  - Hustad, K. C., Mahr, T. J., Soriano, J. U., & Rathouz, P. J. (2023). Developmental Cut-Points for Atypical Speech Intelligibility in Children With Cerebral Palsy. *Journal of Speech, Language, and Hearing Research*, 1-11.
  - Ingram, T. T., & Barn, J. (1961). A description and classification of common speech disorders associated with cerebral palsy. *Cerebral Palsy Bulletin*, 3, 57-69.
  - Irwin, O. C. (1955). Phonetic equipment of spastic and athetoid children. *Journal of Speech and Hearing Disorders*, 20(1), 54-57.
  - Kamalashile, J. (1975). Speech problems in cerebral palsy children. *Language and Speech*, 18(2), 158-165.
  - Kent, R., & Netsell, R. (1978). Articulatory abnormalities in athetoid cerebral palsy. *Journal of Speech and Hearing Disorders*, 43(3), 353-373.
  - Kuschmann, A., & Lowit, A. (2020). Pausing and sentence stress in children with dysarthria due to cerebral palsy. *Folia Phoniatrica et Logopaedica*, 73, 298-307.
  - Kuschmann, A., & Lowit, A. (2019). Sentence stress in children with dysarthria and cerebral palsy. *International Journal of Speech-Language Pathology*, 21(4), 336-346.
  - Liégeois, F., Morgan, A. T., Stewart, L. H., Helen, C. J., Vogel, A. P., & Vargha-Khadem, F. (2010). Speech and oral motor profile after childhood hemispherectomy. *Brain and Language*, 114(2), 126-134.
  - Long, H. L., Eichorn, N., & Oller, D. K. (2022). A Probe Study on Vocal Development in Two Infants at Risk for Cerebral Palsy. *Developmental Neurorehabilitation*.
  - Long, H. L., Mahr, T. J., Natzke, P., Rathouz, P. J., & Hustad, K. C. (2022). Longitudinal change in speech classification between 4 and 10 years in children with cerebral palsy. *Developmental Medicine & Child Neurology*, 1-11.
  - Love, R. J., Hagerman, E. L., & Taimi, E. G. (1980). Speech performance, dysphagia and oral reflexes in cerebral palsy. *Journal of Speech and Hearing Disorders*, 45(1), 59-75.
  - **Mei, C., Reilly, S., Reddiough, D., Mensah, F., & Morgan, A. (2014). Motor speech impairment, activity, and participation in children with cerebral palsy. *International Journal of Speech-Language Pathology*, 16(4), 427-435.**
  - Mei, C., Reilly, S., Bickerton, M., Mensah, F., Turner, S., Kumaranayagam, D., ... & Morgan, A. T. (2020). Speech in children with cerebral palsy. *Developmental Medicine & Child Neurology*, 62(12), 1374-1382.
  - Morgan, A. T., Hodge, M., & Pennington, L. (2014). Scientific forum topic: Translating knowledge to practice in childhood dysarthria. *International Journal of Speech-Language Pathology*, 16(4), 335-336.

- **Morgan, A. T., & Liegeois, F. (2010). Re-thinking diagnostic classification of the dysarthrias: a developmental perspective. *Folia Phoniatrica et Logopaedica*, 62(3), 120-126.**
- Morgan, A. T., Masterton, R., Pigdon, L., Connelly, A., & Liégeois, F. J. (2013). Functional magnetic resonance imaging of chronic dysarthric speech after childhood brain injury: reliance on a left-hemisphere compensatory network. *Brain*, 136(2), 646-657.
- Murdoch, B. E., & Hudson-Tennent, L. J. (1994). Speech disorders in children treated for posterior fossa tumours: ataxic and developmental features. *International Journal of Language & Communication Disorders*, 29(4), 379-397.
- Neilson, P. D., & O'DWYER, N. J. (1981). Pathophysiology of dysarthria in cerebral palsy. *Journal of Neurology, Neurosurgery & Psychiatry*, 44(11), 1013.
- Nip, I. S. B., & Garellek, M. (2021). Voice quality of children with cerebral palsy. *Journal of Speech, Language, and Hearing Research*, 64(8), 3051-3059.
- Nordberg, A., Carlsson, G., & Lohmander, A. (2011). Electropalatography in the description and treatment of speech disorders in five children with cerebral palsy. *clinical linguistics & phonetics*, 25(10), 831-852. doi:10.3109/02699206.2011.573122
- **Nordberg, A., Miniscalco, C., & Lohmander, A. (2014). Consonant production and overall speech characteristics in school-aged children with cerebral palsy and speech impairment. *International Journal of Speech-Language Pathology*, 16(4), 386-395.**
- Nordberg, A., Miniscalco, C., Lohmander, A., & Himmelmann, K. (2013). Speech problems affect more than one in two children with cerebral palsy: Swedish population-based study. *Acta Paediatrica*, 102(2), 161-166.
- Otapowicz, D., Sobaniec, W., Kulak, W., & Okurowska-Zawada, B. (2005). Time of cooing appearance and further development of speech in children with cerebral palsy. *Annales Academiae Medicae Bialostocensis*, 50, 78-81.
- Otapowicz, D., Sobaniec, W., Kulak, W., & Sendrowski, K. (2007). Severity of dysarthric speech in children with infantile cerebral palsy in correlation with the brain CT and MRI. *Advances in Medical Sciences*, 52, 188-190.
- Ozimek, A., Richter, S., Hein-Kropp, C., Schoch, B., Gorissen, B., Kaiser, O., . . . Timmann, D. (2004). Cerebellar mutism. *Journal of Neurology*, 251(8), 963-972.
- Parkes, J., Hill, N., Platt, M. J., & Donnelly, C. (2010). Oromotor dysfunction and communication impairments in children with cerebral palsy: a register study. *Developmental Medicine & Child Neurology*, 52(12), 1113-1119.
- Patel, R. (2002). Phonatory control in adults with cerebral palsy and severe dysarthria. *Augmentative and Alternative Communication*, 18(1), 2-10.
- Patel, R. (2003). Acoustic characteristics of the question-statement contrast in severe dysarthria due to cerebral palsy. *Journal of Speech, Language and Hearing Research*, 46(6), 1401-1415.
- Patel, R. (2004). The acoustics of contrastive prosody in adults with cerebral palsy. *Journal of Medical Speech-Language Pathology*, 12(4), 189-193.
- Patel, R., & Schroeder, B. (2007). Influence of familiarity on identifying prosodic vocalizations produced by children with severe dysarthria. *clinical linguistics & phonetics*, 21(10), 833-848.
- Pirila, S., van der Meere, J., Pentikainen, T., Ruusu-Niemi, P., Korpela, R., Kilpinen, J., & Nieminen, P. (2007). Language and motor speech skills in children with cerebral palsy. *Journal of Communication Disorders*, 40(2), 116-128.
- Platt, L. J., Andrews, G., & Howie, P. M. (1980). Dysarthria of adult cerebral palsy: II. Phonemic analysis of articulation errors. *Journal of Speech and Hearing Research*, 23(1), 41-55.
- Platt, L. J., Andrews, G., Young, M., & Neilson, P. D. (1978). The measurement of speech impairment of adults with cerebral palsy. *Folia phoniatrica*, 30(1), 50-58.

- Ray, C. H., & Wayne, M. (1980). Predictive measures of speech proficiency in cerebral palsied speakers. *Journal of Communication Disorders*, 13(5), 385-394.
- Richter, S., Schoch, B., Ozimek, A., Gorissen, B., Hein-Kropp, C., Kaiser, O., . . . Ziegler, W. (2005). Incidence of dysarthria in children with cerebellar tumors: a prospective study. *Brain and Language*, 92(2), 153-167.
- Schölderle, T. (2015). *The impact of early brain damage on speech: Features and characteristics of dysarthria in adults with cerebral palsy*. Uelvesbüll: Der Andere Verlag.
- **Schölderle, T., Haas, E., & Ziegler, W. (2018). Dysarthrien bei Kindern. Ein häufiges, aber wenig erforschtes Störungsbild. *Forum Logopädie*, 32(3), 16-21.**
- Schölderle, T., Staiger, A., Lampe, R., Strecker, K., & Ziegler, W. (2014). Dysarthrie bei infantiler Cerebralparese (ICP) – In welchem Zusammenhang stehen Sprechstörung, Körperbehinderung und berufliche Teilhabe? *Forschung Sprache*, 2, 21-34.
- Schölderle, T., Staiger, A., Lampe, R., & Ziegler, W. (2012). Dysarthria syndromes in adult cerebral palsy. *Journal of Medical Speech-Language Pathology*, 20(4), 100-105.
- **Schölderle, T., Staiger, A., Strecker, K., Lampe, R., & Ziegler, W. (2016). Dysarthria in adults with cerebral palsy: Clinical presentation and impacts on communication. *Journal of Speech, Language and Hearing Research*, 59, 216-229.**
- Schölderle, T., Staiger, A., & Ziegler, W. (2018). The feasibility of assessing speech and non-speech function of the speech apparatus in adults with cerebral palsy. *Clinical linguistics & phonetics*, 32(9), 876-887.
- Schwilling, E., Krägeloh-Mann, I., Konietzko, A., Winkler, S., & Lidzba, K. (2012). Testing the language of German cerebral palsy patients with right hemispheric language organization after early left hemispheric damage. *clinical linguistics & phonetics*, 26(2), 135-147. doi:10.3109/02699206.2011.595525 [doi]
- Sigurdardottir, S., & Vik, T. (2011). Speech, expressive language, and verbal cognition of preschool children with cerebral palsy in Iceland. *Developmental Medicine & Child Neurology*, 53(1), 74-80. doi:10.1111/j.1469-8749.2010.03790.x
- Solomon, N. P., & Charron, S. (1998). Speech breathing in able-bodied children and children with cerebral palsy: a review of the literature and implications for clinical intervention. *American Journal of Speech-Language Pathology*, 7(2), 61-78.
- Stark, R. E., Bleile, K., Brandt, J., Freeman, J., & Vining, E. P. (1995). Speech-language outcomes of hemispherectomy in children and young adults. *Brain and Language*, 51(3), 406-421. doi:S0093-934X(85)71068-1 [pii];10.1006/brln.1995.1068 [doi]
- Stark, R. E., & McGregor, K. K. (1997). Follow-up study of a right- and a left-hemispherectomized child: implications for localization and impairment of language in children. *Brain and Language*, 60(2), 222-242. doi:S0093-934X(97)91800-9 [pii];10.1006/brln.1997.1800 [doi]
- **Van Mourik, M., Catsman-Berrevoets, C. E., Paquier, P. F., Yousef-Bak, E., & van Dongen, H. R. (1997). Acquired childhood dysarthria: review of its clinical presentation. *Pediatric Neurology*, 17(4), 299-307.**
- Watson, R. M., & Pennington, L. (2015). Assessment and Management of the Communication Difficulties of Children with Cerebral Palsy: A UK Survey of SLT Practice. *International Journal of Language & Communication Disorders*, 50, 241-259.
- Whitehill, T. L., & Ciocca, V. (2000). Speech errors in Cantonese speaking adults with cerebral palsy. *clinical linguistics & phonetics*, 14(2), 111-130.
- **Workinger, M. S., & Kent, R. D. (1991). Perceptual analysis of the dysarthrias in children with athetoid and spastic cerebral palsy. In C. A. Moore, K. M. Yorkston, & D. R. Beukelman (Eds.), *Dysarthria and apraxia of speech: Perspectives on management*. Baltimore: P.H. Brookes Pub. Co.**

- Andrews, G., Platt, L. J., & Young, M. (1977). Factors affecting the intelligibility of cerebral palsied speech to the average listener. *Folia phoniatrica*, 29(4), 292-301.
- Ansel, B. M., & Kent, R. D. (1992). Acoustic-phonetic contrasts and intelligibility in the dysarthria associated with mixed cerebral palsy. *Journal of Speech and Hearing Research*, 35(2), 296-308.
- Braza, M. D., Sakash, A., Natzke, P., & Hustad, K. C. (2019). Longitudinal Change in Speech Rate and Intelligibility Between 5 and 7 Years in Children with Cerebral Palsy. *American Journal of Speech-Language Pathology*, 28(3), 1139–1151.
- Burgi, E. J., & Matthews, J. (1958). Predicting intelligibility of cerebral palsied speech. *Journal of Speech and Hearing Research*, 1(4), 331-343.
- Connaghan, K. P., Baylor, C., Romanczyk, M., Rickwood, J., & Bedell, G. (2022). Communication and Social Interaction Experiences of Youths with Congenital Motor Speech Disorders. *American Journal of Speech-Language Pathology*, 31(6), 2609-2627.
- Hunter, L., Pring, T., & Martin, S. (1991). The use of strategies to increase speech intelligibility in cerebral palsy: An experimental evaluation. *International Journal of Language & Communication Disorders*, 26(2), 163-174.
- Hustad, K. (2007). Contribution of two sources of listener knowledge to intelligibility of speakers with cerebral palsy. *Journal of Speech, Language and Hearing Research*, 50(5), 1228-1240.
- Hustad, K. C., Oakes, A., McFadd, E., & Allison, K. (2016). Alignment of classification paradigms for communication abilities in children with cerebral palsy. *Developmental Medicine & Child Neurology*, 58(6), 597-604.
- Hustad, K. C., Allison, K., Sakash, A., McFadd, E., Broman, A. T., & Rathouz, P. J. (2017). Longitudinal development of communication in children with cerebral palsy between 24 and 53 months: Predicting speech outcomes. *Developmental neurorehabilitation*, 20(6), 323-330.
- **Hustad, K., Auken, J., Natale, N., & Carlson, R. (2003). Improving intelligibility of speakers with profound dysarthria and cerebral palsy. *Augmentative and Alternative Communication*, 19(3), 187-198.**
- Hustad, K., Schueler, B., Schultz, L., & DuHadway, C. (2012). Intelligibility of 4-year-old children with and without cerebral palsy. *Journal of Speech, Language and Hearing Research*, 55(4), 1177-1189.
- **Hustad et al. (2020). Longitudinal Growth in Single-Word Intelligibility Among Children With Cerebral Palsy From 24 to 96 Months of Age: Effects of Speech-Language Profile Group Membership on Outcomes. *Journal of Speech, Language and Hearing Research*, 63(1), 32-48.**
- Hustad, K. C., Mahr, T. J., Natzke, P. E. M., & Rathouz, P. J. (2021). Speech Development Between 30 and 119 Months in Typical Children I: Intelligibility Growth Curves for Single-Word and Multiword Productions. *Journal of Speech, Language, and Hearing Research*, 64(10), 3707–3719. [https://doi.org/10.1044/2021\\_JSLHR-21-00142](https://doi.org/10.1044/2021_JSLHR-21-00142)
- Koopmans, C., Sakash, A., Soriano, J. U., Long, H., & Hustad, K. (2022). Functional communication abilities in youth with cerebral palsy: Association with impairment profiles and school-based therapy goals. *Language, Speech, and Hearing Services in Schools*, 53(1), 88-103.
- Lee, J., Hustad, K. C., & Weismer, G. (2014). Predicting Speech Intelligibility with A Multiple Speech Subsystems Approach in Children with Cerebral Palsy. *Journal of speech, language, and hearing research*, 57, 1666-1678.
- Mahr, T. J., Rathouz, P. J., & Hustad, K. C. (2020). Longitudinal growth in intelligibility of connected speech from 2 to 8 years in children with cerebral palsy: A novel Bayesian approach. *Journal of Speech, Language, and Hearing Research*, 63(9), 2880–2893.
- Mahr, T. J., Soriano, J. U., Rathouz, P. J., & Hustad, K.C. (2021). Speech Development Between 30 and 119 Months in Typical Children II: Articulation Rate Growth Curves. *Journal of Speech,*

*Language, and Hearing Research*, 64(11), 4057-4070. [https://doi.org/10.1044/2021\\_JSLHR-21-00206](https://doi.org/10.1044/2021_JSLHR-21-00206)

- Moya-Galé, G., Keller, B., Escorial, S., & Levy, E. S. (2021). Speech treatment effects on narrative intelligibility in French-speaking children with dysarthria. *Journal of Speech, Language, and Hearing Research*, 64(6S), 2154-2168.
- Natzke, P., Sakash, A., Mahr, T., & Hustad, K. C. (2020). Measuring Speech Production Development in Children with Cerebral Palsy Between 6 and 8 Years of Age: Relationships Among Measures. *Language Speech and Hearing Services in Schools*, 51(3), 882-896.
- Pennington, L. (1999). Assessing the communication skills of children with cerebral palsy: does speech intelligibility make a difference? *Child language teaching and therapy*, 15(2), 159-169.
- **Pennington, L. (2008). Cerebral palsy and communication. *Paediatrics and Child Health*, 18(9), 405-409.**
- Pennington, L., & McConachie, H. (2001). Predicting patterns of interaction between children with cerebral palsy and their mothers. *Developmental Medicine & Child Neurology*, 43(2), 83-90.
- Platt, L. J., Andrews, G., Young, M., & Quinn, P. T. (1980). Dysarthria of adult cerebral palsy: I. Intelligibility and articulatory impairment. *Journal of Speech and Hearing Research*, 23(1), 28-40.
- Raghavendra, P., Virgo, R., Olsson, C., Connell, T., & Lane, A. E. (2011). Activity participation of children with complex communication needs, physical disabilities and typically-developing peers. *Developmental neurorehabilitation*, 14(3), 145-155.
- Rong, P., Loucks, T., Kim, H., & Hasegawa-Johnson, M. (2012). Relationship between kinematics, F2 slope and speech intelligibility in dysarthria due to cerebral palsy. *clinical linguistics & phonetics*, 26(9), 806-822. doi:10.3109/02699206.2012.706686
- Ruscello, D. M., Lass, N. J., Hansen, G. G. R., & Blankenship, B. L. (1992). Peer perceptions of normal and dysarthric children. *Journal of Childhool Communication Disorders*, 14(2), 177-186.
- Sakash, A., Mahr, T., Natzke, P. E. M., Hustad, K. C. (2020). Effects of rate manipulation on intelligibility in children with cerebral palsy. *American Journal of Speech-Language Pathology*, 29(1), 127-141.
- Sakash, A., Mahr, T., & Hustad, K. C. (2021). Validity of Parent Ratings of Speech Intelligibility for Children with Cerebral Palsy. *Developmental Neurorehabilitation*, 24(2), 98-106.
- Soriano, J. U., & Hustad, K. (2021). Speech-language profile groups in school aged children with cerebral palsy: Nonverbal cognition, receptive language, speech intelligibility, and motor function. *Developmental Neurorehabilitation*, 24(2), 118-129.
- Soriano, J. U., Olivieri, A., Hustad, K. C. (2021). Utility of the Intelligibility in Context Scale for Predicting Speech Intelligibility of Children with Cerebral Palsy. *Brain Sciences*, 11(11), 1540.
- Wagner, C. E. (2009). The Effect of Dysarthria on the Speech Intelligibility of Children with Cerebral Palsy. *Capstone Anthology*, 229-234.

- Allison, K.M., Russell, M., Hustad, K.C. (2021). Reliability of perceptual judgments of phonetic accuracy and hypernasality among speech language pathologists for children with dysarthria. *American Journal of Speech-Language Pathology*, 30(3S), 1558-1571.
- Barty, E., Caynes, K. & Johnston, LM (2016). Development and reliability of the Functional Communication Classification System for children with cerebral palsy. *Developmental Medicine & Child Neurology*, 58(10), 1036–1041.
- Caynes, K., Rose, T., Thoedoros, D., Burmester, D., Ware, R. & Johnston, L. (2019). The Functional Communication Classification System: extended reliability and concurrent validity for children with cerebral palsy aged 5 to 18 years. *Developmental Medicine & Child Neurology*.
- Crary, M. A. (1995). Clinical evaluation of developmental motor speech disorders. *Seminars in Speech and Language*, 16, 110-124.
- Enderby, P. (2014). Use of the extended therapy outcome measure for children with dysarthria. *International Journal of Speech-Language Pathology*, 16(4), 436-444.
- Haas, E., Ziegler, W., Schölderle, T. (2020). Dysarthriediagnostik Mit Kindern - Das Testmaterial Der BoDyS-KiD. *Sprache - Stimme - Gehör*, 44(4), 189-193.
- Hustad, K. C. (2016). Reflections on the Functional Communication Classification System for children with cerebral palsy. *Developmental Medicine & Child Neurology*, 58(10), 996-996.
- **Hidecker, M. J. C., Paneth, N., Rosenbaum, P. L., Kent, R. D., Lillie, J., Eulenberg, J. B., . . . Evatt, M. (2011). Developing and validating the Communication Function Classification System for individuals with cerebral palsy. *Developmental Medicine & Child Neurology*, 53, 704-710.**
- Iuzzini-Seigel, J., Allison, K. M., & Stoeckel, R. (2022). A Tool for Differential Diagnosis of Childhood Apraxia of Speech and Dysarthria in Children: A Tutorial. *Language, Speech, and Hearing Services in Schools*, 1-21.
- Kuschmann, A. (2020). Akustische Analysen in der Dysarthriediagnostik bei Kindern mit infantiler Zerebralparese: Überblick. *Sprache - Stimme - Gehör*, 44(4), 184-188.
- Matthews, J., & Burgi, E. J. (1959). A suggested instrument for evaluating speech therapy with cerebral palsied adults. *Journal of Clinical Psychology*, 15(2), 143-146.
- Neumann, S., Salm, S., Rietz, C., & Stenneken, P. (2017). The German Focus on the Outcomes of Communication Under Six (FOCUS-G): Reliability and Validity of a Novel Assessment of Communicative Participation. *Journal of Speech, Language and Hearing Research*, 60(3), 675-681.
- Neumann, S., Rietz, C., & Stenneken, P. (2017). The German Intelligibility in Context Scale (ICS-G): reliability and validity evidence. *International Journal of Language & Communication Disorders*, 52(5), 585-594.
- Neumann, S., Salm, S., Robertson, B., & Thomas-Stonell, N. (2018). Kommunikative Partizipation von Kindern im Vorschulalter – Erste deutsche Referenzdaten zum ‚Fokus auf den Erfolg der Kommunikation für Kinder unter sechs Jahren‘ (FOCUS©-G). *Logos*, 26(3), 176-185.
- Neumann, S., Schäuble, L., & McLeod, S. (2020). Skala zur Verständlichkeit im Kontext (ICS-G). *Forum Logopädie*, 34(4), 24-28.
- Patel, R. & Connaghan, K. (2014). Park Play: a picture description task for assessing childhood motor speech disorders. *International Journal of Speech-Language Pathology*, 16(4), 337–343.
- **Pennington, L., Virella, D., Mjoen, T., da Graca, A. M., Murray, J., Colver, A., . . . de la Cruz, J. (2013). Development of The Viking Speech Scale to classify the speech of children with cerebral palsy. *Research In Developmental Disabilities*, 34(10), 3202-3210. doi:10.1016/j.ridd.2013.06.035**
- Schliesser, H. F. (1982). Alternate motion rates of the speech articulators in adults with cerebral palsy. *Folia Phoniatica et Logopaedica*, 34(5), 258-264.

- Thoonen, G., Maassen, B., Wit, J., Gabreels, F., & Schreuder, R. (1996). The integrated use of maximum performance tasks in differential diagnostic evaluations among children with motor speech disorders. *clinical linguistics & phonetics*, 10(4), 311-336.
- Wit, J., Maassen, B., Gabreels, F., Thoonen, C., & Swart, B. (1994). Traumatic versus perinatally acquired dysarthria: assessment by means of speech like maximum performance tasks. *Developmental Medicine & Child Neurology*, 36(3), 221-229.
- Wit, J., Maassen, B., Gabreels, F. J., & Thoonen, G. (1993). Maximum performance tests in children with developmental spastic dysarthria. *Journal of Speech and Hearing Research*, 36(3), 452-459.



- Arnold, E. & Reising, L. (2020). LSVT LOUD in der Anwendung bei kindlicher Dysarthrie – eine Einzelfallstudie. *Sprache - Stimme - Gehör*, 44(4), 194-198.
- Boliek, C. A., & Fox, C. M. (2014). Individual and environmental contributions to treatment outcomes following a neuroplasticity-principled speech treatment (LSVT LOUD) in children with dysarthria secondary to cerebral palsy: A case study review. *International Journal of Speech-Language Pathology*, 16(4), 372-385.
- **Boliek, C. A., & Fox, C. M. (2017). Therapeutic effects of intensive voice treatment (LSVT LOUD®) for children with spastic cerebral palsy and dysarthria: A phase I treatment validation study. *International journal of speech-language pathology*, 19(6), 601-615.**
- Fox, C. M., & Boliek, C. A. (2012). Intensive voice treatment (LSVT LOUD) for children with spastic cerebral palsy and dysarthria. *Journal of Speech, Language and Hearing Research*, 55(3), 930-945. doi:1092-4388\_2011\_10-0235 [pii];10.1044/1092-4388(2011/10-0235) [doi]
- Kuschmann, A., Miller, N., Lowit, A., & Pennington, L. (2016). Intonation patterns in older children with cerebral palsy before and after speech intervention. *International Journal of Speech-Language Pathology*, 19(4), 370-380.
- **Korkalainen, J., McCabe, P., Smidt, A., & Morgan, C. (2023). Motor speech interventions for children with cerebral palsy: A systematic review. *Journal of Speech, Language, and Hearing Research*, 66(1), 110-125.**
- Levy, E. S., Ramig, L. O., & Camarata, S. M. (2013). The effects of two speech interventions on speech function in pediatric dysarthria. *Journal of Medical Speech-Language Pathology*, 20, 82-87.
- **Levy, E. S. (2014). Implementing two treatment approaches to childhood dysarthria. *International Journal of Speech-Language Pathology*, 16(4), 344-354.**
- Levy, E. S., Chang, Y. M., Hwang, K., & McAuliffe, M. (2021). Perceptual and Acoustic Effects of Dual-Focus Speech Treatment in Children With Dysarthria. *Journal of Speech, Language, and Hearing Research*, 64(6S), 2301–2316.
- Marchant, J., McAuliffe, M. J., & Huckabee, M. L. (2008). Treatment of articulatory impairment in a child with spastic dysarthria associated with cerebral palsy. *Developmental neurorehabilitation*, 11(1), 81-90. doi:783030141 [pii];10.1080/17518420701622697 [doi]
- **Morgan, A. T., & Vogel, A. P. (2008). Intervention for dysarthria associated with acquired brain injury in children and adolescents. *The Cochrane Library*.**
- Pennington, L., Goldbart, J., & Marshall, J. (2005). Direct speech and language therapy for children with cerebral palsy: findings from a systematic review. *Developmental Medicine & Child Neurology*, 47(1), 57-63.
- Pennington, L., Miller, N., & Robson, S. (2009). Speech therapy for children with dysarthria acquired before three years of age. *The Cochrane Library*.
- Pennington, L., Miller, N., Robson, S., & Steen, N. (2010). Intensive speech and language therapy for older children with cerebral palsy: a systems approach. *Developmental Medicine & Child Neurology*, 52(4), 337-344. doi:DMCN3366 [pii];10.1111/j.1469-8749.2009.03366.x [doi]
- **Pennington, L., Parker, N., Kelly, H., & Miller, N. (2016). Speech therapy for children with dysarthria acquired before three years of age. *The Cochrane Library*.**
- Pennington, L., Roelant, E., Thompson, V., Robson, S., Steen, N., & Miller, N. (2013). Intensive dysarthria therapy for younger children with cerebral palsy. *Developmental Medicine & Child Neurology*, 55(5), 464-471. doi:10.1111/dmcn.12098 [doi]
- Ray, J. (2001). Functional outcomes of orofacial myofunctional therapy in children with cerebral palsy. *The International Journal of Orofacial Myology*, 27, 5-17.

- Reed, A., Cummine, J., Bakhtiari, R., Fox, C. M., & Boliek, C. (2017). Changes in white matter integrity following intensive voice treatment (LSVT LOUD®) in children with cerebral palsy and motor speech disorders. *Developmental Neuroscience, 39*(6), 460-471. <https://doi.org/10.1159/000478724>
- Strand, E. (1995). Treatment of motor speech disorders in children. *Seminars in Speech and language, 16*(2), 126-139. doi:10.1055/s-2008-1064115 [doi]
- Ward, R., Leitão, S., & Strauss, G. (2014). An evaluation of the effectiveness of PROMPT therapy in improving speech production accuracy in six children with cerebral palsy. *International Journal of Speech-Language Pathology, 16*(4), 355-371.
- Ward, R., Strauss, G., & Leitaúo, S. (2013). Kinematic changes in jaw and lip control of children with cerebral palsy following participation in a motor-speech (PROMPT) intervention. *International Journal of Speech-Language Pathology, 15*(2), 136-155.

## DOWN-SYNDROM

- Coppens-Hofman, M. C.; van Schrojenstein Lantman-de Valk, H. M. & Snik, A. F. M. (2012). Speech difficulties and poor speech intelligibility in adults with Down syndrome. A review of literature. *Journal of Hearing Science*, 2(1), 9-16.
- Deutsche Gesellschaft für Kinder- und Jugendmedizin (2016). *Down-Syndrom im Kindes- und Jugendalter*. S2K-Leitlinie.
- Dierssen, M. (2012). Down-Syndrom: the brain in trisomic mode. *Nature Reviews Neuroscience*, 13, 844-858.
- Dodd, B. & Thompson, L. (2001). Speech disorders in children with Down syndrome. *Journal of Intellectual Disability Research*, 45(4), 308-316.
- Finestack, L. H., Sterling, A. M., Abbeduto, L. (2013). Discriminating Down syndrome and fragile X syndrome based on language ability. *Journal of Child Language*, 40(1), 244-265.
- Frizelle, P., Ceroni, A., Bateman, L., & Hart, N. (2021). Speech and language therapy services for people with Down syndrome: The disparity between research and practice. *Journal of Policy and Practice in Intellectual Disabilities*, 19(2), 171-182.
- **Kent, R. & Vorperian, H. K. (2013). Speech impairment in Down syndrome: A review. *Journal of Speech, Language, and Hearing Research*, 56(1), 178-210.**
- **Kent, R., Eichhorn, J., Wilson, E. M., Suk, Y., Bolt, D. M., & Vorperian, H. K. (2021). Auditory-Perceptual Features of Speech in Children and Adults With Down Syndrome: A Speech Profile Analysis. *Journal of Speech, Language, and Hearing Research*, 64(4), 1157-1175.**
- Khoshnood, B., Greenlees, R., Loane, M. & Dolk, H. (2011). Paper 2: EUROCAT public health indicators for congenital anomalies in Europe. *Birth Defects Res. A Clin. Mol. Teratol.* 91, 16–22.
- Kummer, A. W., Marshall, J.L. & Wilson, M.M. (2015). Non-cleft causes of velopharyngeal dysfunction: implications for treatment. *International Journal of Pediatric Otorhinolaryngology*, 79(3), 286-295.
- Mahler, L. A. & Jones, H. N. (2012). Intensive treatment of dysarthria in two adults with Down syndrome. *Developmental Neurorehabilitation*, 15(1), 44-53.
- Menghini, D. Constanzo, F. & Vicari, S. (2011). Relationship between brain and cognitive processes in Down Syndrome. *Behavior Genetics*, 41(3), 381-393.
- Moura, C.P. et al. (2008). Voice parameters in children with Down syndrome. *Journal of Voice*, 22(1), 34-42.
- O'Leary, D. et al. (2020). Perceptual and acoustic evaluation of speech production in Down syndrome: A case series. *Clinical Linguistics & Phonetics*, 34(1-2), 178-210.
- Ramia, M. et al. (2014). Revisiting Down syndrome from the ENT perspective: Review of literature and recommendations. *European Archives of Oto-Rhino-Laryngology*, 271(5), 863-869.
- Venail, F., Gardiner, Q. & Mondain, M. (2004). ENT and speech disorders in children with Down's syndrome: an overview of pathophysiology, clinical features, treatments and current management. *Clinical Pediatrics*, 43(9), 783-791
- Wild, A. et al. (2018). Single-word speech intelligibility in children and adults with Down syndrome. *American Journal of Speech-Language-Pathology*, 27, 222-236.
- Wilken, E. (2019). *Sprachförderung bei Kindern mit Down-Syndrom: mit ausführlicher Darstellung des GuK-Systems*. Stuttgart: Verlag W. Kohlhammer.
- Wilson, E. M. et al. (2019). Estimates of the Prevalence of speech and motor speech disorders in adolescents with Down syndrome. *Clinical Linguistics & Phonetics*, 33(8), 772-789.
- Xu, S. A., Kaine, L. & Ng, M. L. (2010). Quantification of vocal tract configuration of older children with Down syndrome: A pilot study. *International Journal of Pediatric Otorhinolaryngology*, 74(4), 378-383.

- Haas, E. (2015). *Diagnostik kindlicher Dysarthrien unter Berücksichtigung der physiologischen sprechmotorischen Entwicklung: Eine Pilotstudie zu Normierungs- und Validierungsaspekten.* (Master Arbeit), Ludwig-Maximilians-Universität München.
- Haas, E. (2017). Diagnostik kindlicher Dysarthrien. *Sprache - Stimme - Gehör*, 41, 41–43.
- Haas, E., Ziegler, W., & Schölderle, T. (2021). Developmental courses in childhood dysarthria: Longitudinal analyses of auditory-perceptual parameters. *Journal of Speech, Language, and Hearing Research*, 64(5), 1421–1435. [https://doi.org/10.1044/2020\\_JSLHR-20-00492](https://doi.org/10.1044/2020_JSLHR-20-00492)
- Haas, E., Ziegler, W., Schölderle, T. (2020). Dysarthriediagnostik Mit Kindern - Das Testmaterial Der BoDyS-KiD. *Sprache - Stimme - Gehör*, 44(4), 189-193.
- Haas, E., Ziegler, W., Schölderle, T. (2022). Entwicklungsverläufe Kindlicher Dysarthrien: Auditive Profile Und Verständlichkeit. *Neurologie & Rehabilitation*, 28(2), 85-89.
- Haas, E., Ziegler, W., Schölderle, T. (2022). Intelligibility, Speech Rate, and Communication Efficiency in Children with Neurologic Conditions. A Longitudinal Study on Childhood Dysarthria. *American Journal of Speech-Language Pathology*, 31(4), 1817-1835.
- Jurkutat, A., Götz, R., Barthold, M., Schölderle, T., Haas, E., Klepper, J. (2022). Der Glukosetransporter (Glut1)-Defekt. Ein Neues Syndrom Als Herausforderung Für Die Sprach- Und Sprechtherapie. *Frühförderung Interdisziplinär*, 41(4), 199-211.
- Schölderle, T., Haas, E. (2020). Diagnostik Und Therapie Kindlicher Dysarthrien. *Sprachförderung und Sprachtherapie in Schule und Praxis*, 20(3), 189-194.
- Schölderle, T., Haas, E., & Ziegler, W. (2018). Dysarthrien bei Kindern. Ein häufiges, aber wenig erforschtes Störungsbild. *Forum Logopädie*, 32(3), 16-21.
- Schölderle, T., Haas, E., Baumeister, S., & Ziegler, W. (2021). Intelligibility, articulation rate, fluency, and communicative efficiency in typically developing children. *Journal of Speech, Language, and Hearing Research*, 64(7), 2575–2585. [https://doi.org/10.1044/2021\\_JSLHR-20-00640](https://doi.org/10.1044/2021_JSLHR-20-00640)
- Schölderle, T., Haas, E., Ziegler, W. (2020). Age norms for auditory-perceptual neurophonetic parameters - a prerequisite for the assessment of childhood dysarthria. *Journal of Speech, Language and Hearing Research*, 63(4), 1071-1082.
- Schölderle, T., Haas, E., Ziegler, W. (2020). **Dysarthrien bei Kindern: Informationen Für Therapeuten Und Eltern.** Schulz-Kirchner Verlag GmbH.
- Schölderle, T., Haas, E., Ziegler, W. (2020). The Occurrence of Standard Dysarthria Syndromes in Children with Cerebral Palsy. *Developmental Medicine & Child Neurology*. <https://doi.org/10.1111/dmcn.14679>
- Schölderle, T., Haas, E., Ziegler, W. (2022). Childhood Dysarthria: Auditory-Perceptual Profiles Against the Background of Typical Speech Motor Development. *Journal of Speech, Language, and Hearing Research*, 65(6), 2114-2127.
- Schölderle, T., Haas, E., & Ziegler, W. (2023). Speech Naturalness in the Assessment of Childhood Dysarthria. *American Journal of Speech-Language Pathology*, 32(4), 1633-1643.