

## Literatur- und Quellenverzeichnis DLVaktuell 1/2026 «E(ILO)»

### Zum Artikel „Induzierte Laryngeale Obstruktion (ILO)“ von Michael Helbing

Bohlender, J. & Brockmann-Bauser, M. (2021). Inducible Laryngeal Obstruction (ILO) – eine dramatische Atemnot. *Sprache-Stimme-Gehör*, 45(02), 89–92.

Dillenhöfer, S., et al. (2021). Die induzierbare laryngeale Obstruktion (ILO) – Ursachen, klinische Präsentation, Diagnostik und Therapie. *Monatsschrift für Kinderheilkunde*, 169(11), 1075–1082.

Haines, J.; Hull, J. H. & Fowler, S. J. (2018). Clinical presentation, assessment, and management of inducible laryngeal obstruction. *Current Opinion in Otolaryngology & Head and Neck Surgery*, 26, 174–179.

Halvorsen, T., et al. (2017). Inducible laryngeal obstruction: An official joint European Respiratory Society and European Laryngological Society statement. *European Respiratory Journal*, 50(3), 1602221.

Helbing, M. (2021). Atemtherapeutische Möglichkeiten in der geriatrischen Pflege. *Geriatric up2date*, 4(4), 297–314.

Kenn, K. & Hess, M. (2008). Vocal Cord Dysfunction – Eine wichtige Differenzialdiagnose zum Asthma bronchiale. *Deutsches Ärzteblatt*, 105(41), 699–704.

Maat, R. C., et al. (2016). Supraglottoplasty in exercise-induced laryngeal obstruction (EILO). *The Laryngoscope*, 126(11), 2533–2538.

Saint-Jules, W. et al. (2025). Laryngeal Hypersensitivity From the Perspective of Pain Science: An Integrative Review of Empirical Studies on Associated Factors and Processes. *Journal of Voice*. Advance online publication.

Van Gestel, A. J. R. & Teschler, H. (2014). *Physiotherapie bei chronischen Atemwegs- und Lungenerkrankungen: Evidenzbasierte Praxis* (2. Aufl.). Springer-Verlag.

### Zum Artikel „Ein unterschätztes Störungsbild in der logopädischen Praxis“ von Sabina Hotzenköcherle

Clemm, H. S. H., Sandnes, A., Vollsæter, M., Hilland, M., Heimdal, J. H., Røksund, O. D., & Halvorsen, T. (2018). The Heterogeneity of Exercise-induced Laryngeal Obstruction. *Am J Respir Crit Care Med*, 197(8), 1068-1069. doi:10.1164/rccm.201708-1646IM

Crawford, A. L., Blakey, J. D., & Baumwol, K. (2022). Paroxysmal dyspnoea in asthma: Wheeze, ILO or dysfunctional breathing? *Front Allergy*, 3, 1054791. doi:10.3389/falgy.2022.1054791

Dillenhöfer, S., Hinrichs, B., Kohl, A., Kuhnigk, M., Maas, R., Pfeiffer-Kascha, D., . . . Koerner-Rettberg, C. (2021). Die induzierbare laryngeale Obstruktion (ILO) – Ursachen, klinische Präsentation, Diagnostik und Therapie. *Monatsschrift Kinderheilkunde*, 169(11), 1075-1082. doi:10.1007/s00112-021-01159-z

Frank, S. D., Raymer, A. M., & Frank, P. J. (2025). Treatment Outcomes Following a Holistic Breathing Approach for Exercise-Induced Laryngeal Obstruction. *Perspectives of the ASHA Special Interest Groups*, 1-11.

Fujiki, R. B., Fujiki, A. E., & Thibeault, S. (2022). Factors impacting therapy duration in children and adolescents with Paradoxical Vocal Fold Movement (PVFM). *Int J Pediatr Otorhinolaryngol*, 158, 111182. doi:10.1016/j.ijporl.2022.111182

Gaylord, J. N., Peterson, S., & Ray, J. (2022). Struggling to Breathe: Inspiratory Muscle Training in Adolescent Athletes. *J Voice*, 36(2), 232-241. doi:10.1016/j.jvoice.2020.05.002

Giraud, L., Destors, M., Clin, R., Fabre, C., Doutreleau, S., & Atallah, I. (2023). Diagnostic work-up of exercise-induced laryngeal obstruction. *Eur Arch Otorhinolaryngol*, 280(3), 1273-1281. doi:10.1007/s00405-022-07654-7

Halvorsen, T., Walsted, E. S., Bucca, C., Bush, A., Cantarella, G., Friedrich, G., . . . Heimdal, J. H. (2017). Inducible laryngeal obstruction: an official joint European Respiratory Society and European Laryngological Society statement. *Eur Respir J*, 50(3). doi:10.1183/13993003.02221-2016

Heimdal, J. H., Maat, R., & Nordang, L. (2018). Surgical Intervention for Exercise-Induced Laryngeal Obstruction. *Immunol Allergy Clin North Am*, 38(2), 317-324. doi:10.1016/j.iac.2018.01.005

Hilland, M., Røksund, O. D., Sandvik, L., Haaland, Ø., Aarstad, H. J., Halvorsen, T., & Heimdal, J. H. (2016). Congenital laryngomalacia is related to exercise-induced laryngeal obstruction in adolescence. *Arch Dis Child*, 101(5), 443-448. doi:10.1136/archdischild-2015-308450

Höfler, H. (2019). *Der kleine Atemcoach, Atemübungen bei Long Covid, Asthma und COPD: Trias*.

Irewall, T., Bäcklund, C., Nordang, L., Ryding, M., & Stenfors, N. (2021). High Prevalence of Exercise-induced Laryngeal Obstruction in a Cohort of Elite Cross-country Skiers. *Med Sci Sports Exerc*, 53(6), 1134-1141. doi:10.1249/mss.0000000000002581

Johnston, K. L., Bradford, H., Hodges, H., Moore, C. M., Nauman, E., & Olin, J. T. (2018). The Olin EILOBI Breathing Techniques: Description and Initial Case Series of Novel Respiratory Retraining Strategies for Athletes with Exercise-Induced Laryngeal Obstruction. *J Voice*, 32(6), 698-704. doi:10.1016/j.jvoice.2017.08.020

Katz, D. H., Sella, O., Golan, H., Banai, K., Van Swearingen, J., Krisciunas, G. P., & Abbott, K. V. (2021). Buteyko Breathing Technique for Exertion-Induced Paradoxical Vocal Fold Motion (EI-PVFM). *J Voice*, 35(1), 40-51. doi:10.1016/j.jvoice.2019.07.017

Kolnes, L., & Stensrud, T. (2019). Exercise-induced laryngeal obstruction in athletes: Contributory factors and treatment implications. *Physiother Theory Pract*, 35(12), 1170-1181. doi:10.1080/09593985.2018.1474306

Kolnes, L. J., Stensrud, T., & Andersen, O. K. (2024). A multidimensional strategy to managing dysfunctional breathing and exercise-induced laryngeal obstruction in adolescent athletes. *BMC Sports Sci Med Rehabil*, 16(1), 13. doi:10.1186/s13102-023-00804-2

Leong, P., Gibson, P. G., Vertigan, A. E., Hew, M., McDonald, V. M., & Bardin, P. G. (2023). Vocal cord dysfunction/inducible laryngeal obstruction-2022 Melbourne Roundtable Report. *Respirology*, 28(7), 615-626. doi:10.1111/resp.14518

Liyanagedera, S., McLeod, R., & Elhassan, H. A. (2017). Exercise induced laryngeal obstruction: a review of diagnosis and management. *Eur Arch Otorhinolaryngol*, 274(4), 1781-1789. doi:10.1007/s00405-016-4338-1

Mahoney, J., Hew, M., Vertigan, A., & Oates, J. (2022). Treatment effectiveness for Vocal Cord Dysfunction in adults and adolescents: A systematic review. *Clin Exp Allergy*, 52(3), 387-404. doi:10.1111/cea.14036

Olin, J. T., Deardorff, E. H., Fan, E. M., Johnston, K. L., Keever, V. L., Moore, C. M., & Bender, B. G. (2017). Therapeutic laryngoscopy during exercise: A novel non-surgical therapy for refractory EILO. *Pediatric pulmonology*, 52(6), 813-819. doi:10.1002/ppul.23634

Sandnes, A., Andersen, T., Clemm, H. H., Hilland, M., Vollsaeter, M., Heimdal, J. H., . . . Roksund, O. D. (2019). Exercise-induced laryngeal obstruction in athletes treated with inspiratory muscle training. *BMJ Open Sport Exerc Med*, 5(1), e000436. doi:10.1136/bmjsem-2018-000436

Smith, R. J., Bauman, N. M., Bent, J. P., Kramer, M., Smits, W. L., & Ahrens, R. C. (1995). Exercise-induced laryngomalacia. *Ann Otol Rhinol Laryngol*, 104(7), 537-541. doi:10.1177/000348949510400707

Solomon, N. P., Pham, A., Gallena, S., Johnson, A. T., Vossoughi, J., & Farooqi-Shah, Y. (2022). Resting Respiratory Resistance in Female Teenage Athletes With and Without Exercise-Induced Laryngeal Obstruction. *J Voice*, 36(5), 734.e731-734.e736. doi:10.1016/j.jvoice.2020.09.002

Strober, W. A., Rohlfing, M. L., Cutchin, G. M., Kallogjeri, D., Piccirillo, J. F., & Huston, M. N. (2025). Biofeedback vs Respiratory Retraining for Inducible Laryngeal Obstruction: A Randomized Clinical Trial. *JAMA Otolaryngol Head Neck Surg*. doi:10.1001/jamaoto.2025.4542

### **Zum Artikel „ILO – ein wenig bekanntes Thema» von Janet Laterza und Regina Senn**

Karlsen, T. et al. (2024). A speech therapy treatment protocol for exercise induced laryngeal obstruction. *Frontiers in pediatrics*. Doi: 10.3389/fped.2024.1356476

Leong, P. et al. (2023). Diagnosis of vocal cord dysfunction/inducible laryngeal obstruction: An International Delphi Consensus Study. *J Allergy Clin Immunol*, 2023, 152(4): 899-906. Doi: 10.1016/j.jaci.2023.06.007

Ludlow et al., S. et al. (2023). Multidisciplinary management of inducible laryngeal obstruction and breathing pattern disorder. *Breath*, 19:230088. Doi: 10.1183/20734735.0055-2023

Schönweiler, R. (2024). (Exercise) Inducible Laryngeal Obstruction: Was tun im Anfall, was tun zur Prophylaxe?. *Sprache, Stimme, Gehör*, 48, 84-86.

### **Zum Artikel „Stimmstörungenpräventive Massnahmen für angehende Lehrpersonen – Ein Konzept» von Andrea Nyffeler**

Deutsche Gesellschaft für Phoniatrie und Pädaudiologie e.V. (2003). *Voice Handicap Index, deutsche Fassung*. <https://www.dgpp.de/cms/pages/de/profibereich/konsensus.php>

Feldmann, K. (2019). Stimmprävention bei Lehrkräften—Wie Lehrende bei Stimme bleiben. *Sprachförderung und Sprachtherapie*, 4, 202–210.

FHNW. (2023). *Studienverlauf Berufspraktische Studien Studienjahr 2024-2025*. [<https://www.fhnw.ch/plattformen/praxisportal-prim/berufspraktische-verlaufsplaeene/>; 02.04.2025]

Lukaschyk, J. (2018). *Prävention von Stimmstörungen bei Lehrkräften*. Schulz-Kirchner Verlag. <https://doi.org/10.2443/skv-s-2018-53020180601>

- Meuret, S., Lemke, S., Hentschel, B., & Fuchs, M. (2024). Langzeiteffekte von Stimmgutachten und Stimmtraining bei Lehramtsstudenten. *Laryngo-Rhino-Otologie*, 9.
- Ohlsson, A.-C., Andersson, E. M., Södersten, M., Simberg, S., & Barregård, L. (2012). Prevalence of Voice Symptoms and Risk Factors in Teacher Students. *Journal of Voice*, 26(5), 629–634. <https://doi.org/10.1016/j.jvoice.2011.11.002>
- Roy, N., Merrill, R. M., Thibeault, S., Parsa, R. A., Gray, S. D., & Smith, E. M. (2004). Prevalence of voice disorders in teachers and the general population. *Journal of Speech, Language, and Hearing Research*, 2(47), 281–293.
- Simberg, S., Laine, A., Sala, E., & Rönnekaa, A.-M. (2000). Prevalence of voice disorders among future teachers. *Journal of Voice*, 14(2), 231–235. [https://doi.org/10.1016/S0892-1997\(00\)80030-2](https://doi.org/10.1016/S0892-1997(00)80030-2)
- Thomas, G., Kooijman, P. G. C., Cremers, C. W. R. J., & Jong, F. I. C. R. S. (2006). A comparative study of voice complaints and risk factors for voice complaints in female student teachers and practicing teachers early in their career. *European Archives of Oto-Rhino-Laryngology*, 263(4), 370–380. <https://doi.org/10.1007/s00405-005-1010-6>
- Voigt-Zimmermann, S. (2017). Auswirkungen der heiseren Stimme von Pädagogen auf die Leistungen der Kinder. In *Die Stimme im pädagogischen Alltag* (Bd. 11, S. 37–48). Logos Verlag.