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EDUCATION

Ph.D.	Medical Sciences <i>University of Antwerp</i> , Faculty of Medicine and Health Sciences, Antwerp, Belgium Supervisors: Marc De Bodt, Youri Maryn & Ellen Gerrits	2017
Pre M.S.	Clinical Language, Speech and Hearing Sciences <i>University of Utrecht</i> , Faculty of Humanities, Utrecht, The Netherlands	2013
Diploma	Didactics in Higher Professional Education <i>University of Utrecht</i> , Centre for Education and Learning: Education & Training, Utrecht, The Netherlands	2013
B.A.	Speech-Language Pathology <i>Zuyd University</i> , Department of Speech-Language Pathology Heerlen, The Netherlands	2011

ACADEMIC POSITIONS

Associate Professor

- Speech-Language Pathology, SRH University of Applied Health Sciences, Düsseldorf, Germany **2019 - present**

Adjunct Instructor for Voice Disorder class

- Department of Speech-Language Pathology, SRH Fachschulen, Düsseldorf, Germany **2018 - 2019**
- Department of Speech-Language Pathology, Fresenius Hochschule University of Applied Sciences, Hamburg, Germany **2014 - 2016**

Faculty Member & Clinical Instructor

- Department of Speech-Language Pathology, HAN University of Applied Sciences Nijmegen, The Netherlands 2016 - 2017
- Department of Speech-Language Pathology, HU University of Applied Sciences, Utrecht, The Netherlands 2012 - 2014

Research Fellow

- Department of Phoniatics and Pediatric Audiology, University Hospital Münster, University of Münster, Münster, Germany 2020 - 2022
- Research Centre for Innovations in Health Care, HU University of Applied Sciences, Utrecht, The Netherlands 2014

CLINICAL POSITIONS

- Speech-Language Pathologist, part-time Department of Speech-Language Pathology, Dormagen Therapy Centre, Dormagen, Germany 2019 - 2022
- Speech-Language Pathologist, freelance Private practice for speech and language therapy, Oliver Linde, Düsseldorf, Germany 2015 - 2019
- Speech-Language Pathologist, freelance Private practice for speech and language therapy, Dagmar Fritsch, Mettmann, Germany 2017 - 2018
- Speech-Language Pathologist, freelance Private practice for speech and language therapy, Artikula, Leverkusen, Germany 2015 - 2018
- Speech-Language Pathologist, full-time Deutsche Stimmklinik (German Voice Clinic), Hamburg, Germany 2014
- Speech-Language Pathologist, part-time HU clinics, HU University of Applied Sciences, Utrecht, The Netherlands 2012 - 2014
- Speech-Language Pathologist, part-time Private practice for speech and language therapy, Dagmar Pitzke, Rhein-Kreis Neuss (Korschenbroich), Germany 2011

OTHER EMPLOYMENT

- Organization of workshops, Deutsche Stimmklinik Management, Hamburg, Germany, 2014
- Teacher at a school for children with learning difficulties, Emphasis: mental development, Mönchengladbach-Hardt, Germany, 2011 - 2012

RESEARCH FUNDING

- SRH University of Applied Health Sciences 2022

The further development of the freeware VOXplot together with the company Lingphon by means of start-up financing.

Role: *Principal Investigator*, Total Costs: \$1,195.44

- Novafon GmbH (Medical Device Company) 2018 - 2019

The purpose of this project was to determine perceptual, acoustic, and self-perceived effects of the modified Novafon local vibration voice therapy program for the treatment of a single case with superior laryngeal nerve paresis.

Role: *Principal Investigator*, Total Costs: \$2,639.38

- Novafon GmbH (Medical Device Company) 2016 - 2018

The purpose of this project was to determine acoustic, aerodynamic and self-perceived effects of the Novafon local vibration voice therapy program for the treatment of voice disorders

Role: *Principal Investigator*, Total Costs: \$14,183.19

PUBLICATIONS IN JOURNALS

Peer-Reviewed Journal Article

1. **Barsties v. Latoszek B**, Hetjens S. (In Press). [Effectiveness of Novafon Local Vibration Voice Therapy and Water Resistance Therapy: a meta-analysis]. *Laryngo-Rhino-Otologie*.
2. Batthyany C, **Barsties v. Latoszek B**, Maryn Y. (In Press). Meta-analysis on the validity of the Acoustic Voice Quality Index. *Journal of Voice*.
3. Englert M, **Barsties v. Latoszek B**, Behlau M. (In Press). Exploring the validity of acoustic measurements and other voice assessments. *Journal of Voice*.
4. **Barsties v. Latoszek B**, Englert M, Lucero JC, Behlau M. (In Press). The performance of the Acoustic Voice Quality Index and Acoustic Breathiness Index in synthesized voices. *Journal of Voice*.
5. **Barsties v. Latoszek B**, Göllner M, Mathmann P, Neumann K. (In Press). The German restructured Vocal Fatigue Index and characteristics of dysphonic and vocally-healthy populations. *Journal of Voice*.

6. **Barsties v. Latoszek B**, Watts CR, Schwan K, Hetjens S. (2023). The maximum phonation time as marker for voice treatment efficacy: a network meta-analysis. *Clinical Otolaryngology*. 48(2): 130-138.
7. Heydrich K, Rustemeier-Holtwick A, **Barsties v. Latoszek B**. (2023). [Interface of speech-language pathology in the process of gender reassignment from male to female]. *Laryngo-Rhino-Otologie*. 102(1): 40-46.
8. Englert M, Lima L, **Barsties v. Latoszek B**, Behlau M. (2022). Influence of the Voice Sample Length in Perceived and Acoustic Voice Quality Analysis. *Journal of Voice*. 36(4): 582.e23-582.e32.
9. Englert M, **Barsties v. Latoszek B**, Maryn Y, Behlau M. (2022). Validation of the Acoustic Breathiness Index to the Brazilian Portuguese Language. *Logopedics Phoniatrics Vocology*. 47(1): 56-62.
10. Englert M, **Barsties v. Latoszek B**, Behlau M. (2022). The impact of languages and cultural backgrounds on voice quality analyses. *Folia Phoniatica et Logopaedica*. 74(2): 141-152.
11. **Barsties v. Latoszek B**, Mathmann P, Neumann K. (2021). The cepstral spectral index of dysphonia, the acoustic voice quality index, and the acoustic breathiness index as novel multiparametric indices for acoustic assessment of voice quality. *Current Opinion in Otolaryngology & Head and Neck Surgery*. 29(6): 451-457.
12. Kim GH, **Barsties v. Latoszek B**, Lee YW. (2021). Validation of Acoustic Voice Quality Index Version 3.01 and Acoustic Breathiness Index in Korean Population. *Journal of Voice*. 35(4): 660e9–660e18.
13. **Barsties v. Latoszek B**, Watts CR. (2021). A case of nervus laryngeus superior paresis treated with Novafon Local Vibration Voice Therapy. *Journal of Voice*. 35(3): 406-410.
14. **Barsties v. Latoszek B**, Auner M, Graf S. (2021). Cross-Cultural Adaption and Validation of the Vocal Fatigue Index in German. *Journal of Voice*. 35(1): 161.e1–161.e13.
15. Englert M, **Barsties v. Latoszek B**, Maryn Y, Behlau M. (2021). Validation of the Acoustic Voice Quality Index, version 03.01, to the Brazilian Portuguese Language. *Journal of Voice*. 35(1): 160.e15–160.e21.
16. **Barsties v. Latoszek B**, Kim GH, Delgado Hernández J, Hosokawa K, Englert M, Neumann K, Hetjens S. (2021). The validity of the Acoustic Breathiness Index in the evaluation of breathy voice quality: A Meta-Analysis. *Clinical Otolaryngology*. 46(1): 31-40.
17. Kankare E, **Barsties v. Latoszek B**, Laukkanen AM. (2020). [Validation of the third version of the Acoustic Voice Quality Index for the Finnish speaking population]. *Puhe ja kieli*. 40(3): 165-182.
18. **Barsties v. Latoszek B**, Watts CR, Neumann K. (2020). The Effectiveness of Voice Therapy on Voice-Related Handicap: A Network Meta-Analysis. *Clinical Otolaryngology*. 45(5): 796-804.
19. Kankare E, **Barsties v. Latoszek B**, Maryn Y, Asikainen M, Rorarius E, Vilpas S, Ilomäki I, Tyrmi J, Rantala L, Laukkanen AM. (2020). The Acoustic Voice Quality Index Version 02.02 in Finnish Speaking Population. *Logopedics Phoniatrics Vocology*. 45(2): 49-56.
20. Stappenbeck L, **Barsties v. Latoszek B**, Janotte B, Lehnert B. (2020). Acoustic Voice Quality Index and Acoustic Breathiness Index as two examples for strengths and weaknesses of free software in medicine. *Biomedical Signal Processing and Control*. 59(5): 101938.

21. **Barsties v. Latoszek B.** (2020). [Evidenced-based voice therapy programs for the treatment of dysphonia: a systematic literature review]. *Sprache-Stimme-Gehör*. 44(1): 16-22.
22. **Barsties v. Latoszek B.** (2020). Treatment effectiveness of Novafon local vibration voice therapy for dysphonia treatment. *Journal of Voice*. 34 (1):160e7-160e14.
23. **Barsties v. Latoszek B.** (2020). Preliminary study of Novafon local vibration voice therapy for dysphonia treatment. *Logopedics Phoniatrics Vocology*. 45 (1):1-9.
24. **Barsties v. Latoszek B, Lehnert B, Janotte B.** (2020). Validation of the Acoustic Voice Quality Index version 03.01 and Acoustic Breathiness Index in German. *Journal of Voice*. 34 (1): 157e17-157e25.
25. **Barsties v. Latoszek B, v. Latoszek E.** (2019). Perceptual effects of thyme drops after vocal loading for professional voice users: a randomized placebo-controlled single-blind trial. *International Journal of Phonosurgery and Laryngology*. 9 (2):43-46.
26. **Hosokawa K, Barsties v. Latoszek B, Ferrer CA, Iwahashi T, Iwahashi M, Iwaki S, Kato C, Yoshida M, Umatani M, Miyauchi A, Matsushiro N, Inohara H, Ogawa M, Maryn Y.** (2019). Acoustic Breathiness Index for the Japanese-speaking Population: Validation Study and Exploration of Affecting Factors. *Journal of Speech, Language, and Hearing Research*. 62 (8): 2617-2631.
27. **Priss I, Barsties v. Latoszek B, Jäger-Priss U, Lehnert B.** (2019). [Questionnaire for the assessment of the voice self-concept in a neurological practice. Applicability for the identification of patients with high consultation needs]. *Nervenarzt*. 90 (6):601-608.
28. **Barsties v. Latoszek B, Ulozaitė-Stanienė N, Petrauskas T, Maryn Y, Uloza V.** (2019). The influence of gender and age on the Acoustic Voice Quality Index and Dysphonia Severity Index: A normative study. *Journal of Voice*. 33 (3):340-345
29. **Barsties v. Latoszek B, Ulozaitė-Staniene N, Petrauskas T, Uloza V, Maryn Y.** (2019). Diagnostic accuracy of dysphonia classification of DSI and AVQI. *Laryngoscope*. 129 (3):692-698.
30. **Englert M, Lima L, Constantini C, Barsties v. Latoszek B, Maryn Y, Behlau M.** (2019). Acoustic Voice Quality Index- AVQI - for Brazilian Portuguese Speakers: Analysis of Different Speech Material. *CoDAS*. 31 (1): e20180082.
31. **Hosokawa K, Barsties v. Latoszek B, Iwahashi T, Iwahashi M, Iwaki S, Kato C, Yoshida M, Sasai H, Miyauchi A, Matsushiro N, Inohara H, Ogawa M, Maryn Y.** (2019). The Acoustic Voice Quality Index version 03.01 for the Japanese-speaking population. *Journal of Voice*. 33 (1):125.e1-125.e12.
32. **Barsties v. Latoszek B, Lehnert B.** (2018). [Internal Validation of the Acoustic Voice Quality Index version 03.01 und Acoustic Breathiness Index]. *Laryngo-Rhino-Otologie*. 97 (9):630-635.
33. **Delgado J, León NM, Jiménez A, Izquierdo LM, Barsties v. Latoszek B.** (2018). Validation of the Acoustic Voice Quality Index version 03.01 and the Acoustic Breathiness Index in the Spanish language. *Annals of Otology, Rhinology & Laryngology*. 127 (5):317-326.
34. **Ulozaitė-Stanienė N, Uloza V, Barsties v. Latoszek B, Petrauskas T, Maryn Y.** (2018). A comparison of Dysphonia Severity Index and Acoustic Voice Quality Index measures in differentiating normal and dysphonic voices. *European Archives of Otorhinolaryngology*. 275 (4):949-958.

35. **Barsties v. Latoszek B**, De Bodt M, Gerrits E, Maryn Y. (2018). The exploration of an objective model for roughness with several acoustic markers. *Journal of Voice*. 32 (2):149-161.
36. **Barsties v. Latoszek B**, Maryn Y, Gerrits E, De Bodt M. (2018). A meta-analysis: Acoustic measurement of roughness and breathiness. *Journal of Speech, Language, and Hearing Research*. 61 (2):298-323.
37. **Barsties v. Latoszek B**, Maryn Y, Gerrits E, De Bodt M. (2017). The Acoustic Breathiness Index (ABI): a multivariate acoustic model for breathiness. *Journal of Voice*. 31 (4):511.e11-511.e27.
38. Uloza V, Petrauskas T, Padervinskis E, Ulozaitė N, **Barsties B**, Maryn Y. (2017). Validation of the Acoustic Voice Quality Index in the Lithuanian language. *Journal of Voice*. 31 (2):257.e1-257.e11.
39. Hosokawa K, **Barsties B**, Iwahashi T, Iwahashi M, Kato C, Iwaki S, Sasai H, Miyauchi A, Inohara H, Ogawa M, Maryn Y. (2017). The Validation of the Acoustic Voice Quality Index in the Japanese language. *Journal of Voice*. 31 (2):260.e1-260.e9.
40. Mailänder E, Mühre L, **Barsties B**. (2017). Lax Vox as a voice training program for teachers: a pilot study. *Journal of Voice*. 31 (2):262.e13-262.e22.
41. **Barsties B**, Maryn Y. (2017). The Influence of Voice Sample Length in the Auditory-Perceptual Judgment of Overall Voice Quality. *Journal of Voice*. 31 (2):202-210.
42. **Barsties B**, Beers M, ten Cate L, van Ballegooijen K, Braam L, de Groot M, van der Kant M, Kruitwagen C, Maryn Y. (2017). The effect of visual feedback and training in auditory-perceptual judgment of voice quality. *Logopedics Phoniatrics Vocology*. 42 (1):1-8.
43. **Barsties B**, Maryn Y. (2016). External validation of the Acoustic Voice Quality Index version 03.01 with extended representativity. *Annals of Otolaryngology, Rhinology & Laryngology*. 125 (7): 571-583.
44. **Barsties B**, Verfaillie R, Dicks P, Maryn Y. (2016). Is the speaking fundamental frequency in females related to body height? *Logopedics Phoniatrics Vocology*. 41 (1): 27-32.
45. **Barsties B**, Hoffmann U, Maryn Y. (2016). [The evaluation of voice quality via signal typing in voice using narrowband spectrograms]. *Laryngo-Rhino-Otologie*. 95 (2): 105-111.
46. **Barsties B**, Maryn Y. (2015). The improvement of internal consistency of the Acoustic Voice Quality Index. *American Journal of Otolaryngology*. 36 (5): 647-656.
47. **Barsties B**, Kropp J, Dicks P, Grzondziel V, Morsomme D. (2015). [Reliability and Validity of the "Voice Handicap Index (VHI) Adapted to the Singing Voice"]. *Laryngo-Rhino-Otologie*. 94 (7): 441-446.
48. **Barsties B**, De Bodt M. (2015). Assessment of voice quality: Current-state-of-the-art. *Auris Nasus Larynx*. 42 (3): 183-188.
49. Maryn Y, De Bodt M, **Barsties B**, Roy N. (2014). The value of the Acoustic Voice Quality Index as a measure of dysphonia severity in subjects speaking different languages. *European Archives of Otorhinolaryngology*. 271 (6): 1609-1619.
50. **Barsties B**, Verfaillie R, Roy N, Maryn Y. (2013). Do body mass index and fat volume influence vocal quality, phonatory range and aerodynamics in females? *CoDAS*. 25 (4): 310-318.
51. **Barsties B**. (2013). [Effects of different tasks on determination of the speaking fundamental frequency]. *HNO*. 61 (7): 609-616.

52. **Barsties B**, Maryn Y. (2013). [Test-retest variability and internal consistency of the Acoustic Voice Quality Index]. *HNO*. 61 (5): 399-403.
53. **Barsties B**, Maryn Y. (2012). [The Acoustic Voice Quality Index. Toward expanded measurement of dysphonia severity in German subjects]. *HNO*. 60 (8): 715-720.

Non-Peer-Reviewed Journal Articles

1. **Barsties v. Latoszek B** (2021). Larynxmanipulationstechniken bei Mutationsfalsettdysphonien. *Sprache-Stimme-Gehör*. 45(4): 166-168.
2. **Barsties v. Latoszek B**, Maryn Y. (2017). De Acoustic Voice Quality Index: het objectiveren van stemkwaliteit. *Logopedie*. 30: 13-23.
3. **Barsties B**. (2012). [Modern Voice Diagnostic: material, method, evaluation and interpretation]. *Forum Logopädie*. 4 (26): 18-23.

BOOKS

1. **Barsties v. Latoszek B**. (2017). Acoustic quantification of two major subtypes of abnormal voice quality: roughness and breathiness. University of Antwerp.

Invited Book Chapters

1. **Barsties B**. (2016). Hands on laryngeal therapy: a systematic literature review. IN: M. De Bodt, & Y. Maryn. *Spanning in en rond de larynx: stand van zaken*, 3, 32-47.
2. **Barsties B**, Thede T. (2016). Evaluation of laryngeal palpation methods. IN: M. De Bodt, & Y. Maryn. *Spanning in en rond de larynx: stand van zaken*, 3, 32-47.
3. **Barsties B**. (2015). Logopedische behandeling: Software bij de behandeling van stemstoornissen. IN: M. De Bodt, L. Heylen, F. Mertens, J. Vanderwegen, & P. Van de Heyning. *Stemstoornissen. Handboek voor de klinische praktijk*. Zesde, herziene uitgave. Antwerpen, Garant-Uitgevers nv, 310-312.
4. **Barsties B**. (2015). Diagnostiek van stemstoornissen: Het logopedisch stemonderzoek: Vrije Software. IN: M. De Bodt, L. Heylen, F. Mertens, J. Vanderwegen, & P. Van de Heyning. *Stemstoornissen. Handboek voor de klinische praktijk*. Zesde, herziene uitgave. Antwerpen, Garant-Uitgevers nv, 138-142.

Peer-Reviewed Conference Proceedings

1. Priss I, Hosemann W, **Barsties von Latoszek B**, Lehnert B. (2018). Zusammenhang zwischen Stimmstörungen und stimmlichem Selbstkonzept. *Laryngo-Rhino-Otol*; 97(S 02): S298-S299 DOI: 10.1055/s-0038-1640768
2. **Barsties B**, Maryn Y. (2015). Der Acoustic Voice Quality Index: ein akustisch-objektives Messverfahren vom H der RBH-Skala. IN: M. Gross, & R. Schönweiler. *Aktuelle phoniatisch-pädaudiologische Aspekte*. 32, 128-131.
3. **Barsties B**, Maryn Y. (2015). External Validation of the Acoustic Voice Quality Index version 03.01 with extended representativity. IN: C. Manfredi. *Models and Analysis of Vocal*

Emissions for Biomedical Applications: 9th International Workshop. Firenze University Press, 29-31.

4. **Barsties B**, Maryn Y. (2015). The AVQI with extended representativity: external validity and diagnostic precision with 1058 voice samples. IN: C. Manfredi. Pan - European Voice Conference: PEVOC 11. Firenze University Press, 37.

PRESENTATIONS

Conference Presentations (Peer-Reviewed)

1. Englert M, **Barsties v. Latoszek B**, Behlau M. (June, 2021). The Impact of Languages and Cultural Backgrounds on Voice Quality Analyses. Poster presented at the 50th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
2. **Barsties v. Latoszek B**, Neumann K. (September, 2020). Akustische Stimmqualitätsanalysen in der Phoniatrie. Paper presented at the 37th DGPP congress, Hamburg, Germany
3. Englert M, Lima L, **Barsties v. Latoszek B**, Behlau M. (May, 2019). The Influence of the Voice Sample Length in Perceived Overall Voice Quality Analysis and in the Acoustic Voice Quality Index (AVQI) in the Brazilian-Portuguese Language. Paper presented at the 48th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
4. Priss, I; Hosemann, W; Barsties von Latoszek, B; Lehnert, B. (May, 2018). Zusammenhang zwischen Stimmstörungen und stimmlichem Selbstkonzept. Poster presented at the 89th Annual Meeting of the German Society of Oto-Rhino-Laryngology, Head and Neck Surgery, Lübeck, Germany.
5. Englert M, Lima L, Constantini AC, **Barsties v. Latoszek B**, Maryn Y, Behlau M. (May, 2018). Acoustic Voice Quality Index (AVQI) - for Brazilian Portuguese Speakers: Analysis of Different Speech Material. Paper presented at the 47th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
6. **Barsties v. Latoszek B**, Maryn Y, Gerrits E, De Bodt M. (August, 2017). Acoustic Quantification of Breathiness with the Acoustic Breathiness Index (ABI). Paper presented at the 12th PEVOC conference, Ghent, Belgium.
7. **Barsties v. Latoszek B**. (June, 2017). Starke und nachhaltige Wirksamkeit manueller Techniken in der Stimmtherapie: Klinische Falldarstellung. Paper presented at the 47th Annual DBL congress, Mainz Germany.
8. Uloza V, Petrauskas T, Padervinskis E, Ulozaitė N, **Barsties B**, Maryn Y. (October, 2016). Validity of the Acoustic Voice Quality Index in Lithuanian Speaking Population. Paper presented at the 28th UEP congress, Bilbao, Spain.
9. **Barsties B**, Maryn Y, Gerrits E, De Bodt M. (August, 2016). Acoustic Quantification of Breathiness with the Acoustic Breathiness Index (ABI). Paper presented at the 30th IALP congress, Dublin, Ireland.
10. Kankare E, **Barsties B**, Maryn Y, Asikainen M, Rorarius E, Vilpas S, Ilomäki I, Tyrmi J, Rantala L, Laukkanen AM. (August, 2016). The Acoustic Voice Quality Index in Finnish Speaking Population. Poster presented at the 30th IALP congress, Dublin, Ireland.

11. Uloza V, Petrauskas T, Padervinskis E, Ulozaitė N, **Barsties B**, Maryn Y. (June, 2016). Validity of the Acoustic Voice Quality Index in Lithuanian Speaking Population. Paper presented at the 11th ELS congress, Genoa, Italy.
12. **Barsties B**. (May, 2016). Quasi Aphonie: Stimmanalysen bei extrem gestörten Stimmen. Paper presented at the 46th Annual DBL congress, Bielefeld, Germany.
13. **Barsties B**, Maryn Y. (May, 2016). Der Acoustic Voice Quality Index: ein akustisch-objektives Messverfahren vom H der RBH-Skala. Paper presented at the 87th Annual Meeting of the German Society of Oto-Rhino-Laryngology, Head and Neck Surgery, Düsseldorf, Germany.
14. **Barsties B**, Maryn Y. (November, 2015). De Acoustic Voice Quality Index: een akoestische maat voor de G van de GRBAS-schaal. Paper presented at the NVLF conference, Utrecht, The Netherlands.
15. **Barsties B**, Maryn Y. (September, 2015). Der Acoustic Voice Quality Index: ein akustisch-objektives Messverfahren vom H der RBH-Skala. Paper presented at the 35th DGPP congress, Oldenburg, Germany.
16. **Barsties B**, Maryn Y. (September, 2015). The AVQI with extended representativity: external validity and diagnostic precision with 1058 voice samples. Paper presented at the 9th MAVeBA congress, Florence, Italy.
17. **Barsties B**, Maryn Y. (August, 2015). The AVQI with extended representativity: external validity and diagnostic precision with 1058 voice samples. Paper presented at the 11th PEVOC conference, Florence, Italy.
18. Kankare E, **Barsties B**, Maryn Y, Asikainen M, Rorarius E, Vilpas S, Ilomäki I, Tyrmi J, Rantala L, Laukkanen AM. (August, 2015). A preliminary study of the Acoustic Voice Quality Index in Finnish speaking population. Poster presented at the 11th PEVOC conference, Florence, Italy.
19. **Barsties B**, Maryn Y. (June, 2015). Der Acoustic Voice Quality Index: ein akustisch-objektives Messverfahren vom H der RBH-Skala. Paper presented at the 45th Annual DBL congress, Düsseldorf, Germany.
20. **Barsties B**, Maryn Y. (May, 2015). The AVQI with extended representativity: external validity and diagnostic precision with 1058 voice samples. Paper presented at the 9th CPLOL congress, Florence, Italy.
21. **Barsties B**. (August, 2014). Acoustic Voice Quality Index: an objective approach to measure overall voice quality? Paper presented at the International Salzburg Voice Symposium and Comet Tutorial Meeting, Salzburg, Austria.
22. **Barsties B**, Maryn Y. (August, 2013). Perceived Stress in employed and non-employed persons with voice disorders. Poster presentation at the 10th PEVOC conference, Prague, Czech Republic.
23. **Barsties B**. (May, 2012). Proposal for a modern voice diagnostic scheme for voice clinicians. Poster presented at the 8th CPLOL congress, The Hague, The Netherlands.
24. **Barsties B**, Maryn Y. (May, 2012). Test-Retest Variability and Internal Consistency of the Acoustic Voice Quality Index (AVQI). Poster presented at the 8th CPLOL congress, The Hague, The Netherlands.

Invited Presentations (Not Peer-Reviewed)

1. **Barsties v. Latoszek B.** (June, 2018). Die Effektivität der Circumlaryngeal Manual Therapy (CMT) Methode in Anlehnung an Nelson Roy bei Patienten mit Dysphonien. Invited lecture at the 48th DBL congress, Bielefeld, Germany.
2. **Barsties v. Latoszek B.** (October, 2017). Update in de Stemdiagnostiek en Stemtherapie: Akoestische Stemkwaliteit en Larynxmanipulatie Methodes. Invited lecture as Keynote at the NVLF conference, Utrecht, The Netherlands.
3. **Barsties v. Latoszek B.** (November, 2016). Update in de diagnostiek van akoestische stemkwaliteit. Invited lecture at the Herfstsymposium stem, University of Ghent, Ghent, Belgium.
4. **Barsties B.** (June, 2016). Logopädie, gebrauche deine Stimme. Invited lecture as Keynote at the the Bachelorsymposium at the HAN University of Applied Sciences, Nijmegen, The Netherlands.
5. **Barsties B.** (April, 2016). Hands on laryngeal therapy: a systematic literature review. Invited lecture at the Steminarie Post-Academische Vorming 10, Antwerp, Belgium.
6. **Barsties B, Thede T.** (April, 2016). Evaluation of laryngeal palpation methods. Invited lecture at the Steminarie Post-Academische Vorming 10, Antwerp, Belgium.
7. **Barsties B, Maryn Y.** (March, 2015). The AVQI with extended representativity: external validity and diagnostic precision with 1058 voice samples. Invited lecture at the 36th Annual VVL congress, Ghent, Belgium.
8. **Barsties B.** (November, 2014). Status quo der objektiv-akustischen Stimmanalyse in puncto Heiserkeit, Rauigkeit und Behauchtheit. Invited lecture at the Interlogosymposium, Hamburg, Germany.
9. **Barsties B.** (September, 2014). Stemanalyse bij quasi-afone patiënten: suggesties en open discussie. Invited lecture at the Steminarie Post-Academische Vorming 9, Antwerp, Belgium.
10. **Barsties B.** (April 2014). De Acoustic Voice Quality Index: eerste stappen in wetenschap en praktijk. Hoe staat het met de beoordeling van ‘roughness’ en ‘breathiness’? Invited lecture at the Symposium ter gelegenheid van de Werelddag van de stem, Utrecht, The Netherlands.
11. **Barsties B.** (November, 2013). Aufnahmequalität bei Stimm- und Sprachanalysen: Was? Warum? Wie teuer? Invited lecture at the Interlogosymposium, Idstein, Germany.
12. **Barsties B.** (November, 2013). Vocal Function Exercises: Een effectieve en veelzijdig toepasbare stemmethodiek. Invited lecture at the Alumni Vereniging Logopedie Nijmegen, HAN University of Applied Sciences, Nijmegen, The Netherlands.
13. **Barsties B.** (June, 2013). Vocal Function Exercises: Eine effektive und vielseitige Stimmethode. Invited lecture at the Alumni Vereniging Logopedie Nijmegen, HAN University of Applied Sciences, Nijmegen, The Netherlands.
14. **Barsties B, Maryn Y.** (December, 2012). The Acoustic Voice Quality Index: meetinstrument, test-hertestvariabiliteit en interne consistentie. Invited lecture at the Annual NVSST congress, Utrecht, The Netherlands.
15. **Barsties B.** (November, 2012). Meten van stem: stemkwaliteit. Invited lecture at the Interlogosymposium, Utrecht, The Netherlands.

16. **Barsties B.** (December, 2011). Diagnostiekmiddel: habituele spreektoonhoogte (Speaking Fundamental Frequency): Een klinisch volledig beeld. Invited lecture at the 32th Annual VVL congress, Elewijt, Belgium.

TEACHING EXPERIENCE

Complete Courses

- Presentation skills 2020 - present
Role: Instructor, SRH University of Applied Health Sciences (DE)
- Scientific working and research 2019 - present
Role: Instructor, SRH University of Applied Health Sciences (DE)
- Voice Disorders 2018 - present
Role: Instructor, SRH Fachschulen & SRH University of Applied Health Sciences (DE)
- Voice Disorders for medical students 2020 - 2022
Role: Instructor, University of Münster (DE)
- Voice Disorders 2014 - 2016
Role: Adjunct Instructor, Fresenius Hochschule of Applied Sciences (DE)
- Fundamentals in speech science and voice 2016 - 2017
Role: Clinical Instructor, HAN University of Applied Sciences (NL)
- Voice Science Minor 2016 - 2017
Role: Instructor, HAN University of Applied Sciences (NL)
- Anatomy & Physiology of the Speech & Hearing Mechanisms 2012 - 2014
Role: Instructor, HU University of Applied Sciences (NL)
- Hearing & Hearing Mechanisms 2012 - 2014
Role: Instructor, HU University of Applied Sciences (NL)
- Voice Training 2012 - 2014
Role: Clinical Instructor, HU University of Applied Sciences (NL)
- Voice Sciences 2012 - 2014
Role: Clinical Instructor, HU University of Applied Sciences (NL)

Individual or Series Lectures

- Certification Course of Novafon Local Vibration Voice Therapy: 2018 - present
4 lecture series
Role: Instructor (DE)
- Improvement of Voice Diagnostics and Voice Therapy (SLP): 2016 - present
9 lecture series

Role: Supervisor & Instructor, private SLP practices (DE)

- Workshops/Courses of Voice Prevention & Voice Training (teachers): 2016 - present
14 lecture series
Role: Instructor, GEW Neuss, Bochum & Krefeld (labor union for teachers) (DE)
- Workshops/Courses of Circumalaryngeal Manual Therapy - 2018
A manual voice therapy method (SLP): 4 lecture series
Role: Instructor (DE)
- Workshops/Courses of Voice Prevention & Voice Training (teachers): 2017
4 lecture series
Role: Instructor, SSG Brücke (elementary school) (DE)
- Course of Palpation Teaching of the Larynx (SLP) 2016
Role: Guest Instructor, University of Antwerp (BE)
- Course of Voice Diagnostics (SLP) 2016
Role: Guest Lecture, HAN University of Applied Sciences (NL)
- Course of Voice Therapy (SLP) 2016
Role: Guest Lecture, private SLP practice Heike Grimmelt (DE)
- Course of Voice Diagnostics (SLP) 2016
Role: Guest Lecture, private SLP practice Heike Grimmelt (DE)
- Course of Voice Diagnostics (SLP) 2016
Role: Guest Lecture, German Voice Clinic Hamburg (DE)
- Course of Voice Disorders (graduate students) 2015
Role: Guest Lecture, Saint-Petersburg State University (RU)
- Voice Therapy & Voice Disorders (undergraduate course) 2013 - 2015
Role: Guest Lecture, HAN University of Applied Sciences (NL)
- Course of Voice Diagnostics (SLP) 2015
Role: Guest Lecture, private SLP practice Dr. Iris Eich (DE)
- Course of Voice Diagnostics (SLP) 2015
Role: Guest Lecture, private SLP practice Logopedicá (NL)

STUDENT MENTORING

Doctoral and Master's level

- Marina Englert, Doctoral Speech-Language Pathology student 2017 - 2020
Universidade Federal de São Paulo - UNIFESP (BR)
Role: Dissertation advisor
- Ina Priss, Doctoral Medicine student, 2016 - 2017
Ernst-Moritz-Arndt-University Greifswald (DE)
Role: Dissertation & Thesis advisor

- Ben Janotte, Doctoral Medicine student, 2016 - 2017
Ernst-Moritz-Arndt-University Greifswald (DE)
Role: Dissertation advisor
- Margrit Auner, Master's Speech-Language Pathology student 2015 - 2016
Ludwig-Maximilian University Munich (DE)
Role: Primary mentor/Dissertation advisor

Bachelor's level

- Claire Zwick 2021 - 2022
Bachelor's Speech-Language Pathology student
Thesis title: [Efficacy study of the Physiokey as an adjunctive form of therapy in voice therapy, particularly for voice fatigue: a randomized controlled pilot study]
SRH University of Applied Health Sciences, Bonn
Role: Primary mentor & Thesis advisor
- Lena Schriever 2021 - 2022
Bachelor's Speech-Language Pathology student
Thesis title: [Compatibility of the NLVVT exercise program for childhood voice disorders: Multiple Case Study Design]
SRH University of Applied Health Sciences, Bonn
Role: Primary mentor & Thesis advisor
- Katharina Maria Schwan 2021 - 2022
Bachelor's Speech-Language Pathology student
Thesis title: [Efficacy of voice therapies related to the Maximum Phonation Time]
SRH University of Applied Health Sciences, Düsseldorf
Role: Primary mentor & Thesis advisor
- Kyra Heydrich 2020 - 2021
Bachelor's Speech-Language Pathology student
Thesis title: [The role of speech-language pathology in the interdisciplinary process of male-to-female transsexualism]
SRH University of Applied Health Sciences, Bonn
Role: Primary mentor & Thesis advisor
- Lea-Sophie Hanke 2020 - 2021
Bachelor's Speech-Language Pathology student
Thesis title: [The treatment option of acupuncture for functional and organic voice disorders: a systematic review]
SRH University of Applied Health Sciences, Düsseldorf
Role: Primary mentor & Thesis advisor
- Alina Meinsma 2020 - 2021
Bachelor's Speech-Language Pathology student

Thesis title: [Standardization of the interdependence between pitch and loudness of the speech-range profile in the software vox phonetography for teachers: a pilot study]
SRH University of Applied Health Sciences, Düsseldorf
Role: Primary mentor & Thesis advisor

- Alina Osterkamp 2019 - 2020
Bachelor's Speech-Language Pathology student
Thesis title: [The treatment effectivity between NLVVT and other voice therapy methods (particularly semi-occluded vocal tract exercises) by patients with unilateral vocal fold paralysis]
SRH University of Applied Health Sciences, Düsseldorf
Role: Primary mentor & Thesis advisor
- Sarah Frechen & Saskia Götting 2017 - 2018
Bachelor's Speech-Language Pathology student
Thesis title: [Thymepearls acute: Do herb drops have an effect on voice?]
Zuyd University (NL)
Role: Thesis advisor
- Miriam Lukassen, Katrin Hannen & Katharina Strunk 2016 - 2017
Bachelor's Speech-Language Pathology student
Thesis title: [Know the rights: Teaching contents for SLT about labour law]
HAN University of Applied Sciences (NL)
Role: Primary mentor & Thesis advisor
- Ritesh Jagdeew, Fauve Lebbink & Marit Kanbier 2016 - 2017
Bachelor's Speech-Language Pathology student
Thesis title: [Children Aphasia Screening: cut-off score]
HAN University of Applied Sciences (NL)
Role: Primary mentor & Thesis advisor
- Samina Gul, Louisa Hubertus, Charline Ingenerf & Mona Seitz 2016 - 2017
Bachelor's Speech-Language Pathology student
Thesis title: [Effects in the voice range profile using kinesiotaping of the CT muscle of trained voices]
HAN University of Applied Sciences (NL)
Role: Thesis advisor
- Fabienne Hurkens & Robin Kreeft 2016 - 2017
Bachelor's Speech-Language Pathology student
Thesis title: [Lax Vox: A preventive voice training for teachers?]
HAN University of Applied Sciences (NL)
Role: Thesis advisor
- Dineke Bonnier & Rebecca Euwijk 2016 - 2017
Bachelor's Speech-Language Pathology student
Thesis title: [Multidisciplinary cooperation all around stuttering between stutter therapists, family doctors and psychologists]
HAN University of Applied Sciences (NL)

Role: Primary mentor & Thesis advisor

- Roos van den Broek & Sofie Dimdiri 2016 - 2017
Bachelor's Speech-Language Pathology student
Thesis title: [Effects on the habitual voice using the voice technique 'Complete Vocal Technique']
HAN University of Applied Sciences (NL)
Role: Primary mentor & Thesis advisor
- Anna Booz, Julia Herrmann & Lena Krause 2016
Bachelor's Speech-Language Pathology student
Thesis title: [Novafon® in the voice therapy]
HAN University of Applied Sciences (NL)
Role: Thesis advisor
- Velia Hullmann & Eva Hilgers 2016
Bachelor's Speech-Language Pathology student
Thesis title: [Effects of lattice tapes on neck, oral- and masticatory muscles for the use in voice therapy]
HAN University of Applied Sciences (NL)
Role: Thesis advisor
- Lisa Burs, Farina Kohl & Janka Peun 2016
Bachelor's Speech-Language Pathology student
Thesis title: [Effects of Kinesiotaping on neck, oral- and masticatory muscles for the use in voice therapy]
HAN University of Applied Sciences (NL)
Role: Thesis advisor
- Sabine Krenz, Ines Pickert & Alex Schroer 2016
Bachelor's Speech-Language Pathology student
Thesis title: [Voice Range Profile outcomes by using Kinesiotaping of the CT muscle]
HAN University of Applied Sciences (NL)
Role: Thesis advisor
- Katharina Dahlmanns & Annika Langert 2015 - 2016
Bachelor's Speech-Language Pathology student
Thesis title: [Effects of energy drinks on voice quality, vocal function, and self-evaluation]
Zuyd University (NL)
Role: Thesis advisor
- Tessa Doveren, Susanne Gerards & Linda Steins 2014 - 2016
Bachelor's Speech-Language Pathology student
Thesis title: [The interdependence of pitch and loudness of the speaking voice as laboratory assessment in Praat: pilot study]
Zuyd University (NL)
Role: Thesis advisor

- **Lea Mühre & Eva Mailänder** **2015**
Bachelor's Speech-Language Pathology student
Thesis title: [Lax Vox as voice training program: a pilot study for teachers and future teachers]
Fresenius Hochschule of Applied Sciences (DE)
Role: Primary mentor & Thesis advisor
- **Carolin Tüllner** **2015**
Bachelor's Speech-Language Pathology student
Thesis title: [Voice therapy by Hermann-Röttgen for functional voice disorders in women: A multidimensional assessment of treatment outcomes – a single case study]
Fresenius Hochschule of Applied Sciences (DE)
Role: Primary mentor & Thesis advisor
- **Ulrike Hoffmann** **2015**
Bachelor's Speech-Language Pathology student
Thesis title: [Interrelation between spectrogram-classification by Sprecher et al. (2010) and the perceived auditory scale of hoarseness, roughness, and breathiness]
Fresenius Hochschule of Applied Sciences (DE)
Role: Primary mentor & Thesis advisor
- **Marika van der Kant, Lilian Braam, Merel de Groot & Karin van Ballegooijen** **2013**
Bachelor's Speech-Language Pathology student
Thesis title: [The effect of visual-anchors and training in auditory-perceptual judgment of voice quality]
HU University of Applied Sciences (NL)
Role: Thesis advisor

Honors and Awards

- **Research Award of the SRH University of Applied Health Sciences** **2021**
in category 3: “National & international recognition & cooperation of the SRH University of Applied Health Sciences”
- **Honorable Mention Award of the Speech-Language Pathology Brazilian Congress** **2021**
for the paper "Exploring the validity of acoustic measurements and other voice assessments"
- **Research Award of the SRH University of Applied Health Sciences** **2020**
in category 2: “Interdisciplinary collaboration to improve health care”

PROFESSIONAL MEMBERSHIPS

- **Deutscher Bundesverband für Logopädie e.V., member** **2011 - 2018**
- **Steminaires – Post-Academische Vorming in Stemstoornissen, Universtiy of Antwerp and** **2014 - 2018**

PROFESSIONAL ACTIVITIES

Professional Services

- Scientific Consultant of the Freeware VOXplot: 2020 - present
<https://voxplot.lingphon.com/de/>
- Scientific advisory board of the Journal "Sprache Stimme Gehör": 2017 - present
<https://www.thieme.de/de/sprache-stimme-gehoer/zeitschrift-3046.htm>
- Scientific Consultant of the company Novafon GmbH 2016 - present
- Cooperation with the company Okamed for Taping: 2015 - present
Olaf Kandt (partner)
- Cooperation with the company Alphon Medical 2015 - present
for voice range profile measurements: Peter Pabon (partner)
- Language Coordinator: Digital VHI - 2014 - present
<http://homepage.univie.ac.at/christian.herbst//DigitalVHI/index.php?lang=EN&page=home>

Invited Reviewer

- MDPI- Healthcare 2022 - present
- MDPI- Applied Sciences 2022 - present
- MDPI- Medicina 2022 - present
- MDPI- Children 2022 - present
- Laryngoscope 2020 - present
- ORL 2020 - present
- Journal of Voice 2020 - present
- Logopedics Phoniatrics Vocology 2019 - present
- Neurotherapeutics 2019 - present
- Mathematics and computers in Simulation 2018 - present
- Clinical Otolaryngology 2018 - present
- Medycyna Pracy 2016 - present
- Alexandria Journal of Medicine 2016 - present

Professional Development and Training

- Workshop GRADE for interventions, Dutch GRADE Network, 2022
Nederlands Huisartsen Genootschap, Utrecht, The Netherlands
- Meta-analyses in R, statistical analysis moreover RevMan, 2019
Cochrane Germany and Faculty of Medicine and Medical Center -
University of Freiburg, Germany
- vocaSTIM voice therapy, Präha Health Schools, Düsseldorf, Germany 2013

- Larynxmanipulation, General Hospital Bernhoven, Oss, The Netherlands 2012
- Diagnostic and Therapy of vocal fold paralyses, 2011
Sint Jan General Hospital, Bruges, Belgium
- Acoustic Voice Analysis, Prolog, Cologne, Germany 2010
- Vocal Function Exercises at Voice Update, 2010
University of Antwerp, Antwerp, Belgium
- Auditory-perceptual judgment Training, 2009 - 2010
RWTH Aachen University, Aachen, Germany

OTHER SKILLS

- Multilingual: German (mother tongue), English, and Dutch (NT2-Diploma)
- Professional experience of high frequency used voice therapy methods/approaches:
 - Novafon Local Vibration Voice Therapy
 - Auditory-Visual Biofeedback,
 - Vocal Function Exercises,
 - Confidential Voice,
 - Lee Silverman Voice Treatment,
 - Larynxmanipulation (Manuele Facilitatie),
 - Manual Circumlaryngeal Therapy,
 - Resonance Voice Tube/Lax Vox,
 - Stretch- and Flow Phonation,
 - Atmenrhythmisch Angepasste Phonation by Coblenzer,
 - Facilitating Techniques by Boone and McFarlane,
 - Nasalierungsmethode by Pahn,
 - Accentmethod by Svend Smith