

# Curriculum Vitae

**Dr. phil. dipl. Klin. Log. Meike Brockmann-Bauser MSc**

## **Professional appointments**

- Since 2017      Head of Research, Professional Head of Speech Pathology Section  
Department for Phoniatics and Speech Pathology, University Hospital Zurich  
Clinic for Otorhinolaryngology, Head and Neck Surgery; Zurich, Switzerland
- 2007 – 2015      Professional Head of Speech Pathology Section  
Department for Phoniatics and Speech Pathology, University Hospital Zurich  
Clinic for Otorhinolaryngology, Head and Neck Surgery; Zurich, Switzerland
- 2001 – 2006      Speech Pathologist  
Department for Speech Pathology, University Hospital Zurich  
Clinic for Otorhinolaryngology, Head and Neck Surgery; Zurich, Switzerland

## **Education**

- 2006 – 2012      Doctor of Philosophy (Biomedical Sciences)  
Medical Faculty, University of Newcastle upon Tyne, Great Britain
- 2004 – 2006      MSc Speech and Swallowing research (Dysphonia)  
Medical Faculty, University of Newcastle upon Tyne; Great Britain
- 2001 – 2004      Certified Teacher in “Functional Voice Training”  
Lichtenberg® Institute, Lichtenberg, Germany
- 2001 – 2004      Diploma in Speech and Language Pathology  
School for Speech Pathology, University Hospital Zurich, Switzerland
- 1997 – 2000      Degree in Logopaedics, national license as Speech Therapist  
School for Speech Therapy, University Clinic Heidelberg, Germany
- 1994 – 1996      Romanic Studies and Musical Sciences  
Ludwig-Maximilians University, Munich, Germany

## **Honors**

- 2016              Hamdan Award for International Presentation, Voice Foundation, USA
- 2012              Annual Research Award, German Association for Logopedics (DBL)

## **Books**

Brockmann-Bauser, M. & Bohlender, J.E. (2014). *Praktische Stimm diagnostik. Theoretischer und praktischer Leit faden*. Stuttgart: Thieme Verlag.

Brockmann-Bauser, M. (2012). *Improving Jitter and Shimmer Measurements in Normal Voices*. Idstein: Schulz-Kircher Verlag

## **Journal Articles**

Carvalho Sampaio M., Vaz Masson M.L., de Paula Soares M.F., Bohlender J.E., Brockmann-Bauser M. (2020) *Effects of Fundamental Frequency, Vocal Intensity, Sample Duration, and Vowel Context in Cepstral and Spectral Measures of Dysphonic Voices*. J Speech Lang Hear Res. 2020 Apr 29:1-14. Epub ahead of print

Stappenbeck L.E., Bohlender J.E., Brockmann-Bauser M. (2020) *Prätestung des deutschen Vocal Fatigue Index (VFI-D) – transkulturelle Übersetzung und Kreuzvalidierung. (Pretesting of the German Vocal Fatigue Index (VFI-D)-transcultural translation and cross validation.)* HNO. 68 (1), 48-54

Carvalho Sampaio M., Bohlender J.E., Brockmann-Bauser M. (2019) *Fundamental Frequency and Intensity Effects on Cepstral Measures in Vowels from Connected Speech of Speakers with Voice Disorders*. Journal of Voice. 26.12.2019. Epub ahead of print

Brockmann-Bauser M., Sampaio Carvalho M, van Stan JH, Bohlender JE, Hillman RE, Mehta DD (2019) *Effects of Vocal Intensity and Fundamental Frequency on Cepstral Peak Prominence in Patients with Voice Disorders and Vocally Healthy Controls*. Journal of Voice. 16.12.2019. Epub ahead of print

Reetz S., Bohlender J.E., Brockmann-Bauser M. (2019) *Do standard instrumental acoustic, perceptual and subjective voice outcomes indicate therapy success in patients with functional dysphonia?* Journal of Voice. 33(3):317-324, 2019

Brockmann-Bauser M., Balandat B., Bohlender J.E. (2019) *Immediate Lip Trill Effects on the Standard Diagnostic Measures Voice Range Profile, Jitter, Maximum Phonation Time and Dysphonia Severity Index*. Journal of Voice. 18.04.2019, Epub ahead of print

Munier C., Brockmann-Bauser M, Laukkanen A.M., Ilomäki I., Kankare E., Geneid A. (2019) *Relationship between Laryngeal signs and symptoms, Acoustic measures, and quality of life in Finnish Primary and Kindergarten school teachers*. Journal of Voice. 26.01.2019, Epub ahead of print

Langenfeld A., Bohlender J.E., Swanenburg J., Brockmann-Bauser M (2018) *Cervical Spine Disability in Correlation with Subjective Voice Handicap in Patients with Voice Disorders: A Retrospective Analysis*. Journal of Voice. 12.12.2018, Epub ahead of print

Brockmann-Bauser M., Bohlender J.E., Mehta D.D. (2018) *Acoustic Perturbation Measures Improve with Increasing Vocal Intensity in Individuals With and Without Voice Disorders*. Journal of Voice. 32(2), 162-168, 2018

Lukaschyk J., Brockmann-Bauser M., Beushausen U. (2017) *Transcultural Adaptation and Validation of the German Version of the Vocal Tract Discomfort Scale*. Journal of Voice. 31(2), 261.e1-261.e8.

Brockmann-Bauser M, Bohlender JE. *Wie aussagekräftig sind die instrumentellen akustischen Irregularitätsparameter Jitter und Shimmer in der Stimm diagnostik?* Sprache Stimme Gehör 40(04), 179-182, 2016.

Brockmann-Bauser M. (2016). *Nachweis des Therapieerfolgs bei funktionellen Stimmstörungen- Welche Diagnostikmethoden sind in der logopädischen Praxis aussagekräftig? Eine Literaturrecherche und Diskussion (How to verify therapy success in patients with muscle tension dysphonia – A literature review and discussion)*. Forum Logopädie, 27(3), 6-11.

- Brockmann-Bauser M., Beyer D. & Bohlender J.E. (2015). *Reliable acoustic measurements in children between 5;0 and 9;11 years: Gender, age, height and weight effects on fundamental frequency, jitter and shimmer in phonations without and with controlled voice SPL*. *International Journal of Pediatric Otorhinolaryngology*, 79(12):2035-42.
- Brockmann-Bauser M., Beyer D., Bohlender J.E. (2014). *Clinical relevance of speaking voice intensity effects on acoustic jitter and shimmer in children between 5;0 and 9;11 years*. *International Journal of Pediatric Otorhinolaryngology*, 78(12):2121-6.
- Brockmann-Bauser M. (2013). *Wie objektiv sind die stimmdiagnostischen Parameter Jitter und Shimmer? (How objective are the acoustic parameters jitter and shimmer in voice diagnostics?)*. *Forum Logopädie*, 27(3), 6-11.
- Brockmann-Bauser M., Drinnan M. J. (2011). *Routine acoustic voice analysis: time to think again?* *Curr Opin Otolaryngol Head Neck Surg*, 19(3), 165-170.
- Brockmann M., Drinnan M. J., Storck C., Carding P. N. (2011). *Reliable jitter and shimmer measurements in voice clinics: the relevance of vowel, gender, vocal intensity, and fundamental frequency effects in a typical clinical task*. *J Voice*, 25(1), 44-53.
- Riedmüller S., Decoster V., Brockmann-Bauser M. (2010). *Relevanz des Stimmfeldes für Diagnostik und Therapieevaluation (Relevance of voice range profiles in voice diagnostics and evaluation of treatment outcomes)*. *Forum Logopädie*, 4(24), 11-15.
- Storck C., Fischer C., Cecon M., Schmid S., Gambazzi F., Wolfensberger M., Brockmann M. (2010). *Hydroxyapatite versus titanium implant: Comparison of the functional outcome after vocal fold medialization in unilateral recurrent nerve paralysis*. *Head Neck*, 32(12), 1605-1612. doi: 10.1002/hed.21370
- Storck C., Brockmann M., Zimmermann E., Nekahm-Heis D., Zorowka P.G. (2009). *[Laryngeal granuloma. Aetiology, clinical signs, diagnostic procedures, and treatment]*. *HNO*, 57(10), 1075-1080.
- Brockmann M., Storck C., Carding P.N., Drinnan, M.J. (2008). *Voice loudness and gender effects on jitter and shimmer in healthy adults*. *J Speech Lang Hear Res*, 51(5), 1152-1160.
- Kut E., Schaffner N., Wittwer A., Candia V., Brockmann M., Storck C., Folkers G. (2007). *Changes in self-perceived role identity modulate pain perception*. *Pain*, 131(1-2), 191-201.
- Storck C., Brockmann M., Schnellmann E., Stoeckli S.J., Schmid S. (2007). *Functional outcome of vocal fold medialization thyroplasty with a hydroxyapatite implant*. *Laryngoscope*, 117(6), 1118-1122.
- Brockmann M. (2006). *Vor- und Nachteile der stroboskopischen Kehlkopfuntersuchung im Hinblick auf die Planung der logopädischen Therapie (Advantages and disadvantages of stroboscopic assessments for planning a voice therapy)*. *Forum Logopädie*, 20(1), 14-19.