

Trine Printz  
KI, Oto-rhino-laryngologi  
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## Qualifications

Audiologopedics, PhD Student, Department of Clinical Research  
1. Jul 2016 → 30. Sep 2019  
Award Date: 30. Sep 2019

## Employment

### Visiting Researcher

KI, Oto-rhino-laryngologi  
University of Southern Denmark  
20. Aug 2019 → 31. Oct 2025

### Audiologoped

Odense University Hospital  
Odense, Denmark  
1. Sep 2009 → present

### Audiologoped

Langeland Kommune  
Rudkøbing, Denmark  
1. Mar 2009 → 31. Jan 2016

## Research outputs

### Crosscultural Adaption and Validation of the Danish Voice Handicap Index-10

Nissen, L. S., Schultz, J., Galili, J., Printz, T., Mehlum, C. S., Grøntved, Å. M. & Sorensen, J. R., Jul 2021, In: Journal of Voice. 35, 4, p. 661.e7-661.e11

### The Dual-Microphone Voice Range Profile Assessment—Interrater Reliability

Printz, T., Godballe, C. & Grøntved, Å. M., Jul 2021, In: Journal of Voice. 35, 4, p. 521-529

### Normative Voice Range Profile of the Young Female Voice

Andersen, H. S., Egsgaard, M. H., Ringsted, H. R., Grøntved, Å. M., Godballe, C. & Printz, T., 24. May 2021, (E-pub ahead of print) In: Journal of Voice.

### Speaking Intensity Potential (SIP) – A new Clinical Measure for the Voice Disordered Population

Dam Hansen, F., Hansen Siedentopp, L., Grøntved, Å. M. & Printz, T., 2. Dec 2019, *Proceedings of the 1st International Seminar on the Foundations of Speech: Pausing, Breathing and Voice*. Syddansk Universitet, p. 79-80

### The Impact of Post-thyroidectomy Paresis on Quality of Life in Patients with Nodular Thyroid Disease

Sorensen, J. R., Printz, T., Iwarsson, J., Grøntved, Å. M., Døssing, H., Hegedüs, L., Bonnema, S. J., Godballe, C. & Mehlum, C. S., Oct 2019, In: *Otolaryngology - Head and Neck Surgery (United States)*. 161, 4, p. 589-597

### Cross-cultural Adaption and Validation of the Danish Voice Handicap Index

Sorensen, J. R., Printz, T., Mehlum, C. S., Heidemann, C. H., Grøntved, Å. M. & Godballe, C., Jul 2019, In: *The Journal of Voice*. 33, 4, p. 441-444

### Test-Retest Reliability of the Dual-Microphone Voice Range Profile

Printz, T., Sørensen, J. R., Godballe, C. & Grøntved, Å. M., Jan 2018, In: *The Journal of Voice*. 32, 1, p. 32-37

### **Reproducibility of Automated Voice Range Profiles, a Systematic Literature Review**

Printz, T., Rosenberg, T., Godballe, C., Dyrvig, A. K. & Grøntved, Å. M., 2018, In: The Journal of Voice. 32, 3, p. 273-280

### **Verbal og oral dyspraksi hos børn og unge**

Printz, T., Slot Mehlum, C. & Nikoghosyan-Bossen, G., 2018, In: Ugeskrift for Laeger. 180, 16, p. 2-6 V07170543.

### **Impaired voice after thyroidectomy impacts quality of life**

Sørensen, J. R., Døssing, H., Bonnema, S. J., Bonnema, S. J., Hegedüs, L., Printz, T., Grøntved, Å. M. & Godballe, C., 10. Sep 2017. 1 p.

### **The impact of voice impairment after thyroidectomy on quality of life. A prospective cohort study**

Sørensen, J. R., Døssing, H., Bonnema, S. J., Hegedüs, L., Printz, T., Grøntved, Å. M. & Godballe, C., 20. Apr 2017.

### **Reproducibility of Dual-Microphone Voice Range Profile Equipment**

Printz, T., Pedersen, E. R., Juhl, P., Nielsen, T., Grøntved, Å. M. & Godballe, C., 2017, In: Journal of Speech, Language, and Hearing Research. 60, 12, p. 3369-3377

### **Intra-observer variation of the phonetogram assessment**

Printz, T., Sørensen, J. R., Grøntved, Å. M. & Godballe, C., 2016.

### **Laryngeal telangiectatic lesions in a patient diagnosed with Hereditary Hemorrhagic Telangiectasia**

Kjeldsen, A. D., Printz, T., Slot Mehlum, C. & Grøntved, Å. M., 2016. 1 p.

### **The impact of thyroidectomy on short-term voice function – a prospective cohort study**

Sørensen, J. R., Printz, T., Grøntved, Å. M., Bonnema, S. J., Hegedüs, L. & Godballe, C., 2016.

### **Treatment of Laryngeal Telangiectatic Lesions in a Patient Diagnosed with Hereditary Hemorrhagic Telangiectasia**

Kjeldsen, A. D., Printz, T., Slot Mehlum, C. & Grøntved, Å. M., 11. Jun 2015, In: Journal of Otolaryngology-ENT Research. 2, 6, 00044.

## **Activities**

### **Voice changes in patients with Laryngeal Intraepithelial Neoplasia and Non-Neoplastic Leukoplakia following implementation of a common national treatment strategy for small glottic cancers and Laryngeal Intraepithelial Neoplasia**

Trine Printz (Guest lecturer)

Apr 2019

### **The impact of post-thyroidectomy paresis on quality of life in patients with nodular thyroid disease**

Jesper Roed Sørensen (Lecturer), Trine Printz (Guest lecturer), Jenny Iwarsson (Guest lecturer), Ågot Møller Grøntved (Guest lecturer), Helle Døssing (Guest lecturer), Laszlo Hegedüs (Guest lecturer), Steen Joop Bonnema (Guest lecturer), Christian Godballe (Guest lecturer) & Camilla Slot Mehlum (Guest lecturer)

2019

### **The impact of voice impairment after thyroidectomy on quality of life. A prospective cohort study**

Jesper Roed Sørensen (Guest lecturer), Helle Døssing (Guest lecturer), Steen Joop Bonnema (Guest lecturer), Laszlo Hegedüs (Guest lecturer), Trine Printz (Guest lecturer), Ågot Møller Grøntved (Guest lecturer) & Christian Godballe (Guest lecturer)

20. Apr 2017

## **Projects**

**BOLS: Disease Specific Voice Assessment before and after Surgery for Benign Voice Fold Lesions**

Printz, T.  
14/06/2018 → ...

### **Stemmeændringer efter godartede og før-ondartede stemmebåndslæsioner og transoral laser assisteret mikrokirurgi (TLM) samt standardisering af stemmeundersøgelsen "Fonetogram"**

Printz, T.

### **VDDK: Verbal dyspraksi – kendetegn, udredning og forekomst i Danmark**

Printz, T., Slot Mehlum, C. & Nikoghosyan-Bossen, G.

## **Undervisningsportfolio**

### **1 Formel pædagogisk uddannelse**

Teacher of English as a Foreign Language

### **2 Uddannelsesadministrative opgaver**

Oprettelse af valgfag, audiologopædi KA: "Udredning og behandling af stemme-, strube- og svælg sygdomme".

### **3 Erfaring med undervisning, vejledning og eksamen**

Udredning og behandling af Stemme-, Strube- og Svælg sygdomme. [Diagnosis and Treatment of Vocal-, Laryngeal, and Pharyngeal Disorders]. Spastic Dysphonia, and Voice Assessments. Elective course, 2nd term master's degree programme, Logopedics, University of Southern Denmark (2017 and 2018)

2. Phonation physiology. Second term, bachelor, Audiology and Audiologopedics, University of Southern Denmark, 2017- (yearly, ongoing since 2017).

3. Workshop in specimens. Second term, bachelor, Audiology and Audiologopedics, University of Southern Denmark, 2017- (yearly, ongoing since 2017).

4. A-kursus [A-course], Endoscopy. "Monitorering af behandlingseffekt af stemmelidelser – Analysemetoder" [Monitoring treatment outcomes of voice diseases – analysis methods]. Odense University Hospital. (Once - twice yearly, ongoing since 2015).

5. Research teaching, workshop in poster creation, nine MDs, march 1st 2017, 2018, 2019.

6. Teaching/presentation; acoustic voice analysis at Ear-Nose-Throat specialists in Funen. March 2016.

7. 1-day course: "Acoustical Voice analysis" (The Phonetogram), University of Southern Denmark. 2012-2015

### **SUPERVISION OF STUDENTS**

1. 2019, spring: co-supervisor for the MA dissertation "A study of the relationship between smoking and hearing loss.". SLP student Audiology, University of Southern Denmark, Tamkin Akbari. The degree was passed in May 2019 with the mark 10.

2. 2019, spring: supervisor for the bachelor project: "Does sleep affect the habitual speaking voice, and does this differ from voice rest without sleep?". SLP student Audiologopedics, University of Southern Denmark, Henriette Broe-Andersen. The degree was passed in May 2019 with the mark 12.

3. 2019, spring: supervisor for the bachelor project: "A quantitative examination of the difference in dB between the mean intensity in the habitual speaking voice and the maximum intensity at the same frequency level (Speaking Intensity Potential) in Danish people with healthy voices". SLP students Audiologopedics, University of Southern Denmark, Lærke Siedentopp and Frederikke Hansen. The degree was passed in May 2019 with the mark 12.

4. 2018, spring: Supervisor for the bachelor project: "Translation and internal consistency of a Danish version of the Singing Voice Handicap Index". SLP student Audiologopedics, University of Southern Denmark, Veronika Sofia Gamborg. The degree was passed in June 2018 with the mark 12.

5.2018, spring: Supervisor for the bachelor project: "A questionnaire survey of the exercises we use for the treatment of vocal fold nodules in Denmark". SLP student Audiologopedics, University of Southern Denmark, Tanja Kandborg. The degree was passed in June 2018 with the mark 10.

6.2018, spring: Supervisor for the bachelor project: "Use of voice in verbally demanding occupations such as teachers and preschool teachers". SLP students Audiologopedics, University of Southern Denmark, Camilla Torp Knudsen, and Cirkeline Løv Harries. The degree was passed in June 2018 with the mark 7.

7.2017-2018: Supervisor for research project, normative voices, SLP students Henriette Sune Andersen and Mia Hungeberg Egsgaard, elective course. University of Southern Denmark/Odense University Hospital. The degree was passed in June 2016 with the mark 12.

8.2016: Supervisor for the bachelor project: "A normative dataset for healthy untrained girls' voice capacity between ages 16 and 26 - for the use in clinical practice and for comparison to the voice disorder vocal fold nodules". SLP students Logopedics, University of Southern Denmark, Henriette Sune Andersen and Helena Ringsted. The degree was passed in June 2016 with the mark 10.

9.2016: Supervisor for the bachelor project: ""Before, my voice was 'just' a little hoarse – now I notice everything" - Psychosocial distress during voice therapy in teachers with vocal nodules". SLP students Malene Mamsen og Jana Asmussen, Logopedics, University of Southern Denmark. The degree was passed in June 2016 with the mark 7.

10.2013: Supervisor, Vocational Training. Pilot study concerning the Phonetogram conducted at Department of ENT Head & Neck Surgery, Odense University Hospital. SLP student Halldis Olafsdottir, University of Southern Denmark. The degree was passed with the mark 10.

#### **4 Metoder, materialer og redskaber**

Min undervisning er baseret på forelæsninger, øvelsesseancer og praktiske opgaver og hands-on. Jeg lægger stor vægt på aktiv inddragelse af de studerende samt på at skabe et åbent og imødekomende læringsmiljø. Dette gøres blandt andet ved inddragelse af mange forskellige aktiviteter og modaliteter for læring, fx at de studerende aktivt skal lytte, skrive, diskutere og læse så vidt muligt i alle undervisningsgange. Jeg anvender Power Points, lyd- og videoeksempler, cases fra den kliniske hverdag samt opgaver af varierende art. For at teste, om de studerende får det rette læringsudbytte, samt at pensum opfyldes, anvendes referencer til relevant og gerne nyeste litteratur på området, herunder lærebøger og forskningsartikler. De studerende opfordres i øvrigt til at være nysgerrige og søge supplerende litteratur på egen hånd.

#### **5 Uddannelsesudvikling og universitetspædagogisk (følge)forskning, herunder pædagogiske priser**

Universitetspædagogikum 2020