



## **Cervical Auscultation in Dysphagia Management: A practical workshop for speech pathologists working with adult dysphagia**

**A 3 credits (högskolepoäng) course at the Unit of Speech and Language Pathology,  
University of Gothenburg, autumn 2019.**

This course includes a two day workshop which introduces clinicians to dysphagia management using cervical auscultation (CA). The CA technique is used to enhance the clinical swallow examination (CSE) and improve dysphagia intervention/management. A strong dysphagia management includes, not only assessment, but the appropriate, ongoing clinical review of dysphagia progression and response to intervention/rehabilitation. Dysphagia management using CA should contribute to a timely, efficient and cost effective service for our patients – this which is being demanded from clinicians more and more within our current economic constraints and today's cost-benefit health service focus.

A literature analysis and evidence for/against using cervical auscultation will be addressed and considered in the context of (1) current CSE methods and (2) recently developed techniques. This includes case history, cranial nerve assessment, palpation, oral trials, CA and other clinical signs during the initial +/- ongoing dysphagia assessment and continual management.

This workshop has a practical focus so that the skills needed to use this technique will be acquired. The workshop will cover the theory behind CA and each skill component taught. This includes the following:

- The anatomy and physiology of swallowing, including normal and abnormal physiological swallowing and related swallowing-respiration coordination. (This will have a practical acoustic training focus [listening, analyzing and interpreting] using the stethoscopes provided.)
- Correct use of the stethoscope, cervical placement and care of the stethoscope.
- Practical listening tasks – detecting swallowing sounds and applying the skill.
- Multimodal assessment of dysphagia and including using CA within the CSE.
- Reporting and documenting a CSE using CA.
- Critique of the evidence considering the CSE and instrumental assessments such as Flexible Endoscopic Evaluation of Swallowing (FEES) and Modified Barium Swallows (MBS).

The presenter/s will be there to provide hands-on assistance and share experiences of using the technique.

Please see Course Plan for further details.

### **Participants and requirements**

This is a 3 hp (credit point) course provided by the University of Gothenburg. A pre-reading package will be provided and a pre- and post-workshop assignment will be given and assessed.

This course is recommended for speech pathologists who are or will be providing clinical dysphagia management for adult patients. It is also suitable for clinicians who want to be 'updated' about the clinical swallow examination, ongoing dysphagia management and the evidence shaping this field. Degree as speech-language pathologist (legitimerad logoped) is required. This course is limited to a maximum of 34 participants.

## **Instructor's biographical data**

**Liza Bergström** is a Certified Practising Speech Pathologist, Australia & legitimerad logoped, Sweden. After graduating with a Bachelor of Speech Pathology in 1998, Liza embarked on a clinical journey which involved utilising evidence-based speech pathology assessment and management within various international healthcare services. Liza has worked across a range of speech pathology areas with both the adult and paediatric populations. Since graduating, Liza has been working with dysphagia and has been regarded as a specialist in the area since 2005. In 2009-2011, Liza contributed as a senior speech pathologist to several Queensland (Australia) Government health care evidence-based developments and projects. These included; (1) speech pathology adult tracheostomy management guidelines, (2) modified barium swallow standardisation and training resource development and (3) being a nominated clinician for the statewide FEES implementation and training project. In 2011, Liza moved from Australia to her family homeland of Sweden, completed her cross-country (Sweden-Australia) PhD in 2017 and is now continuing to follow her passion of working in and growing the field of dysphagia management.

Fill out the application form (in Swedish or in English) and send it electronically, together with a witnessed/certified copy of your degree (examensbevis) and form of identification (personbevis or copy of passport) to

[jennie.toppari@neuro.gu.se](mailto:jennie.toppari@neuro.gu.se)

**The total cost is 3000 SEK (excl VAT) and the deadline for sign-up is 18<sup>th</sup> October 2019 (or when all places are filled) – welcome!**