

Title of the workshop:
LARYNGEAL EMG

Co-authors:
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Abstract:
Laryngeal electromyography (LEMG) evaluates the integrity of the neuromuscular system of the larynx. The LEMG can either performed by an endolaryngeal or transcutaneous approach in order to record action potentials generated by the laryngeal muscles during voluntary and involuntary activity. The LEMG signals are particularly useful for differentiation between neuromuscular disorders, paralysis, paresis or ankylosis as possible etiologies of vocal fold movement disorders. The authors will give an introduction into LEMG investigation (approaches, LEMG needle, techniques) and signal interpretation (qualitative and quantitative LEMG interpretation).