

Multidimensional Voice Assessment

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Voice disorders result from structural or physical alterations (diseases and their treatment), certain physiological and environmental factors that may contribute to impairing the vibrator as well as inappropriate voicing mechanism and behavior. Voice disorders are characterized by a change in voice quality and timber as well as pitch or loudness and more generally, prosodic features.

The minimum clinical voice and speech assessment relies on organ, function and communication evaluation to meet the objectives of improving or restoring quality, intelligibility and efficacy of speech production. Interdisciplinary research should aim to find relevant and reliable tools and descriptors that would help to describe, understand and quantify voice based on a general consensus and methodological recommendations and help to produce models to improve re-habilitation.