Short Commentary

Voice Analysis for Decisions in Clinical Practice

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Verbal and nonverbal communication generates various debates and feelings between individuals, finally improving knowledge and experiences and, last but not least, influencing people's health. Mental activity is mainly influenced by visual, sound, and smells perception. A person's appearance, colour use, scent, and movement in a specific environment create diverse motion pictures going along with excitement, indifference, or discomfort, according to data processing. The music expresses various themes; miscellaneous musical compositions decoded by matching corresponding musical instruments or human voices determine emotions, relaxation, and even attentiveness. Verbal communication skills are necessary to improve an individual's professional, cultural and social life. The words' meaning and energy influence people's well-being. The effects of the usage of the words in the written format are different from the spoken words since the speech energy, controlled by the nervous system, adds value to the words' significance. Communication skills by terms make a difference between individuals and initiate numerous actions according to their relevance, physical characteristics of words' transmission, intended recipient's sensitivity, and context.

In this digital era, an individual can put an idea in a writing format or convert it into a say that instantly goes up to the intended recipients using IT devices.

Speech or the words' ordering analysis offers information about the individual:

- Level of Expertise
- Skills for knowledge translation in practice
- Emotions
- Possible medical conditions
- Well-being

Speech depicts its coordination in appearance; deficiencies at various levels for command and execution pathways indicate the voice's signs of interest in clinical practice. Voice characteristics combined with the breathing data reflect blood flowing in the human body. Heart activity, the respiratory system's function, and gravitational waves influence human body fluids movement; the digestive, endocrine, skeletal, respiratory system, kidney, and liver functions influence blood composition. The mind activity affects all these variables interplay, conveying the words and voice expression. Even so, the heart function and respiratory system, both under nervous system coordination, are seen as significant contributors to the voice function. Heart failure modifies the body's fluid distribution and, subsequently, voice characteristics that change from one stage to another in its evolution.

Each person's voice is distinctive and adaptable to various internal and external stimuli. AI supply leads to fast voice analysis and prediction of disorders in appearance or evolution. In this digital era, a video visit or only a phone call visit can offer sufficient details about individuals, including data health. For the medical team, an e-visit may be considered appropriate when necessary. For the patient, an in-person or e-visit represents a convenient option to get care in need. The patient experience can be appreciated /measured by his words' composition to express gratitude, voice attributes, and sentiment analysis, preferably using AI supply. Subjective voice analysis and artificial intelligence utilization offer another perspective in clinical practice. Recent medical literature highlights ambitious AI projects for using the voice function in diagnosis. Therefore, according to individual financial status, there will be a wide range of options for the disease's management in clinical practice. But only by using a mobile phone can the patient and the physician be connected to successfully control the patient's disorders. The art of using the voice for analysis and decisions in clinical practice defines us as professionals in the community we serve.

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