



30th Congress of Union of the European Phoniatricians



April 27 - 30, 2023
Xanadu Convention Center
Antalya - TÜRKİYE

ABSTRACT BOOK



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ORAL PRESENTATIONS



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153- A MULTIDISCIPLINARY APPROACH TO INTRODUCING PATIENTS WITH PARKINSON'S DISEASE

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Objectives: The purpose of this study is to find a standard approach to speech rehabilitation in patients with Parkinson's disease (PD).

Methods: We observed 15 patients with PD aged 50 to 72 years. All patients underwent a comprehensive medical, speech therapy and neuropsychological examination. Patients were examined on the MRI machine, acoustic analysis of the voice, stroboscopy. All patients had a history of dysarthria, dysphagia, and dysphonia. Patients had articulation disorders of the lips, tongue and lower jaw, decreased clarity, tempo and intelligibility of speech. All patients underwent daily speech therapy sessions in a well-ventilated room in the morning for 45 minutes and neuromyoelectric stimulation of the muscles of the larynx. All patients were optimistically motivated and willingly followed all the doctors' instructions.

Results: The process of rehabilitation in PD should be multidisciplinary. It involves neurologists, otorhinolaryngologists, speech therapists, clinical psychologists, occupational therapists, psychotherapists and other specialists. To correct speech, swallowing and voice disorders, a personalized approach can be most successfully used, which combines both instrumental and actually pedagogical methods of rehabilitation, provided that a speech therapist is included early

Conclusions: Despite the high prevalence of speech disorders in PD and the significant negative impact of these symptoms on the quality of life of patients, the minimum number of patients receive adequate assistance. Obviously, there is both a lack of knowledge about the actual speech disorders in PD, the features of their pathogenesis, and a lack of therapeutic options. Treatment of hypokinetic dysarthria should be part of a multidisciplinary approach to managing patients with PD.

Keywords: Parkinson's disease, speech disorders, rehabilitation

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