

# **Ocena głosu u chorych z obrzękami Reinkego leczonych operacyjnie z użyciem lasera CO2**

Assessment of voice in patients with Reinke's oedemas after laser microsurgery

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## **Summary**

This investigation was undertaken for perceptual and acoustic analysis of voice in patients with Reinke's oedemas treated with laser microsurgery. Material of the study included 45 patients in the age of 23 to 65 presenting to Foniatric Clinic with dysphonia in Reinke's oedemas. Patients were divided into 3 groups according to Yonakawa's classification of Reinke's oedemas. All patients were treated with CO2 laser microsurgery. Voice assessment was made subjectively with GRBAS scale and objectively using multidimensional voice parameters analysis (MDVP). The examination was undertaken preoperatively and 4 weeks after operation. The results of our study show relationship between quality of voice after surgery and the stage of evolution of Reinke's oedemas according to the applied classification.