

## VOICE IMPAIRMENT IN PEOPLE OF VOICE PROFESSIONS AFTER COVID-19

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Post-COVID-19 syndrome (PCS) is considered a multisystem disease that sometimes occurs after a relatively mild course. The most common manifestation of PCS is fatigue, followed by respiratory disorders.

**Materials and methods.** 30 patients of 18–60 years old – people of voice professions, in the period from 01–09.2021 were examined. All patients complained about changes in the quality and endurance of the voice, which was reflected in their professional activities. The complex examination of patients included: detailed anamnesis, 70<sup>0</sup> rigid endoscope examination, videolaryngostroboscopy.

**Results and discussion.** Women predominated (63 %). Patients associated voice disorders with COVID-19. 87 % of patients had a mild course, 13 % – moderate. "Weakness" or hoarseness of the voice appeared during the illness in 30 % patients, after the illness – 70 % of patients, when they started work and increased the voice load. The inflammatory changes of a mucous membrane were not observed. The vocal folds in all cases were mobile, but there was a decrease of their tone, and incomplete closure during phonation. Asymmetry of movements of the right and left vocal folds during videolaryngostroboscopy was noted. 23 % of patients were diagnosed with hemorrhage in one of the vocal folds.

**Conclusions.** The voice professionals who complained of changes in voice quality and endurance after acute infectious disease COVID-19 were diagnosed with hypotonic dysphonia, and 23 % of them were diagnosed with hemorrhage in one of the vocal folds, which can be regarded as one of the manifestations of PCS.