

DIFFUSION LUNG CAPACITY IN PATIENTS WITH IDIOPATHIC INTERSTITIAL PNEUMONIA

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Summary

There were examined 62 patients with idiopathic interstitial pneumonia (idiopathic pulmonary fibrosis (IPF) – 29 patients, non-specific interstitial pneumonia (NSIP) – 26 patients, cryptogenic organizing pneumonia (COP) — 7) using the diffusion lung capacity (DLCO) module of «VIASIS Healthcare GmbH» spirometry testing system. There were 34 males and 28 females aged 30–78 years. It was established that in IPF patients there were significant disturbances of DLCO. In NSIP patients the DLCO was affected less meaningful. In COP patients DLCO was almost unchanged. In IPF patients the value of oxygen transport index was 2.1 times higher than DLCO. In NSIP and COP the decrease of oxygen transport index was insignificant — 1.7 and 1.5 accordingly, testifying for involvement of reduced alveolar ventilation in the mechanism of diffusion disturbances.