

BIOPHYSICAL PROPERTIES OF EXHALED AIR CONDENSATE IN MINERS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE

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Summary

The biophysical properties of respiratory moisture in miners and men of other specialties, suffering from chronic obstructive pulmonary disease (COPD), have no significant differences. The parameters of surface tensiometry of the expired air in miners depend mainly on peculiarities of pathological process and geological conditions of mines, than on kind of professional activity. The method of absorption tensiometry of a condensate of exhaled air allows to predict the course of disease in miners and to control the effectiveness of treatment.