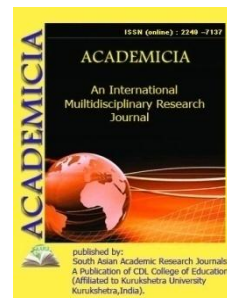




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SEASONAL PREVENTION OF METEOPATHIC REACTIONS IN PATIENTS WITH COPD

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ABSTRACT

The seasonality of exacerbation of the course of chronic obstructive pulmonary diseases in residents of the cities of Bishkek and Osh was studied. It was revealed that the highest frequency of exacerbations occurs in the month of March, when frequent weather changes occur in the Chui and Fergana valleys. With the invasion of fronts of cold air from the west, a hypoxic type of meteopathic reaction with impaired air pressure is observed. A balm composition based on local medicinal plants has been developed. In the experimental group of patients with COPD, the consumption of balm with tea for 20 days during the period of unstable weather reduced their meteorological dependence.

KEYWORDS: COPD, *Meteopathic Reaction, Balm, Meteorological Prophylaxis.*

BIBLIOGRAPHY:

1. Airapetova NS, Badalov NG, Uyanaeva AI, Rassulova MA Influence of climatic and weather factors on the formation of meteopathic reactions in patients with broncho-obstructive diseases // Bulletin of restorative medicine. 2010. No. 5 (39). S. 26-28.
2. Belov G.V., Makhmadiev A.K. Seitov T.S., Firsov S.A. On the prospects of using the international classification of functioning, disability and health in the medical science of Kyrgyzstan // Bulletin of Osh State University. 2017. No. 4. S. S. 293-296.
3. Belov G.V., Umurzakova G.I. The influence of current weather on the appealability of residents of Bishkek and Osh for emergency care for cardiovascular diseases // Questions of balneology, physiotherapy and exercise therapy. 2021. No. 1. S.15-21.
4. Povazhnaya E.L. The influence of climatic and weather factors of low mountains on the course of broncho-obstructive diseases: meteopathic reactions and their prevention: Author's abstract. dis. ... doctors of medical sciences. - M., 2004.-- 42 p.
5. Povazhnaya EL Influence of weather types on the course of chronic obstructive pulmonary disease in the temperate continental climate of Northern Kyrgyzstan // Problems of balneology, physiotherapy and medical physical culture. 2004. No. 5.P. 10.
6. Povazhnaya E.L., Belov G.V. Changes in the surface-active properties of pulmonary surfactant in patients with chronic obstructive pulmonary disease and bronchial asthma on the impact of weather factors in low mountains // Medicine of Kyrgyzstan. 2010. –№6. – S.22-2.
7. Ponomarenko G.N. International classification of functioning, disabilities and health - a tool for scientific assessment of the effectiveness of medical rehabilitation / Ponomarenko G.N. // Questions of balneology, physiotherapy and remedial physical culture. 2013. T. 90. No. 2. S. 57-62.
8. Kovats S., Ebi K L, Menne B. Methods for assessing human health sensitivity and public health adaptation to climate change. WHO Regional Office for Europe 2005. <http://www.euro.who.int/pubrequest>.