

On the relationship of cardiovascular disease exacerbation to helio-geophysical disturbances

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In this work the relationship of applying of patients having the cardiovascular pathology for the medical aid to geophysical disturbances is studied. The search of relationship has been carried out by statistical ambulance data for Yakutsk and geophysical observation complex for 1992 and 1998 and also by separate individual events for March-April 2001 and October-November 2003.

It has been found that the quantity of applying of patients having hypertensive diseases, hypertensive crises and also sick people registered in a dispensary, is significantly increased 2-4 days before a geophysical disturbance. Besides the reaction of sick people during the period preceding geophysical disturbances the second peak of the number of sick people applied to the ambulance in 2-4 days after a disturbance is observed. But the value of the second peak in amplitude is less than the previous peak. The possible reasons of advanced applying for the medical aid of sick people having cardiovascular pathology with respect to a geophysical disturbance is discussed.