

Method for visualizing results of studies of abnormal neurological movements of the upper limbs of patients for comprehensive analysis of the disease – tremor, involves the use of a computer graphics tablet with a digital pen to continuously track the trajectory of the patient's hand movement when reproducing a specific graphic template. The parameters of spatial oscillatory movements are obtained by processing signals from the digital pen, which is equipped with a 3D microaccelerometer. The amplitude of deviation of the patient's drawing from the template image is obtained within the original software environment, the obtained data are interpreted in a Cartesian coordinate system, and the values are averaged to produce the patient's test curve. The normal distribution is approximated using normal Gaussian smoothing, implemented via a Gaussian kernel convolution, and the parallax effect is eliminated.