

The invention relates to medicine and relates to method for evaluation of reperfusion injury of ischemic lower extremity by means of stable mitochondrial factor (SMF) according to which one performs patient's blood sampling, obtains serum from blood under investigation, performs total sedimentation of albumen of serum, obtains over-sediment liquid (supernatant) with implementation of spectro-photometric study of over-sediment liquid obtained in ultraviolet spectrum, one plots graph of dependence of optical density of absorption of over-sediment liquid on wavelength from which one evaluates reperfusion injury of ischemic lower extremity.