Positive effect of bemiparin to blood flow

M. Mantskava\textsuperscript{a}, N. Momtselidze\textsuperscript{a}, L. Davlianidze\textsuperscript{a}, T. Urdulashvili\textsuperscript{b}

\textsuperscript{a}Beritashvili Center of Experimental Biomedicine, Tbilisi, Georgia, 0160, Gotua St. 14; biomedicine.net@gmail.com
\textsuperscript{b}Medical Centre “Medisoni”, Tbilisi, Georgia, 0182, Kaloubani St. 12; t.urdulashvili@yahoo.com

Abstract

Coagulation and hemorheology play a significant role in blood circulation and ensure its trophic function. According to a modern concept it is impossible to develop physiological process if coagulation and blood rheology systems are not within the normal range. In the development of all pat-physiological processes coagulation and hemorheology play compensatory role, which is directed to adequacy and improvement of the tropic function. To study bemiparin we made research in vivo and in vitro systems. And found that bemiparin has a positive effect not only on the coagulation, but also on the rheological properties of blood.

Keywords: Bemiparin, erythrocyte, rheology, microcirculation