

S4-1.2

Statistical Analysis of Polarization Images of Histological Cuts of Parenchymatic Tissues in Diagnostics of Volume of Blood Loss

N. Sivokorovskaya¹, V.T. Bachinskyi¹, O.Ya. Vanchulyak¹, O.G. Ushenko²,
A.V. Dubolazov², Yu.O. Ushenko², Yu.Ya. Tomka², and L.Ya. Kushnerik²

¹*Bukovinian State Medical University, Chernivtsi, Ukraine*

²*Chernivtsi National University, Chernivtsi, Ukraine*

The results of polarization mapping of the distribution of the parameters of the Stokes vector of microscopic images of histological sections of parenchymal tissues of human organs in the problem of determining the level of blood loss are presented.