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**Assessment of risk factors at virus hepatitis in the conditions
of Yakutia**

In this scientific work there was firstly described evaluation of risk factors of viral hepatitis B (HBV) contamination in Far North area among indigenous rural population. There were studied transmission routs and multiple-factor risk of hepatitis B (HBV) contamination. There was found out under multiple-factor risk analysis associated connection with the following risk factors: chronic disease, family contact, alcohol abuse and male sex.

Keywords: hepatitis B, transmission rout, risk factor.

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**ROLE OF OXIDATIVE DAMAGE AT THE EXPERIMENTAL OXALATE
NEPHROLITHIASIS IN RATS**

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Summary. The results of kidney medulla morphological study from rats with ethylenglycol oxalate nephrolithiasis model are analyzed. Characteristics mitochondrial superoxide dismutase and malone dialdehyde expression during ethylenglycol oxalate nephrolithiasis modeling are evaluated. Registered morphological signs of oxidative damage activation and antioxidant enzyme attenuation in renal tissues.

Key words. Experimental nephrolithiasis, oxidative damage, morphology.

Literature:

1. Voshchula, VI Urolithiasis: etiotropic and pathogenetic treatment, prevention / VI Voshchula. - Mn.: VEVER, 2006. – pp.286.