

## Intensity of oxidative stress in the osteoarthritis of the knee joint of the synovia

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**Keywords:** *osteoarthritis, synovia, prooxidativ system, anti-oxidative system, oxidative modification of proteins, freeradical oxidation of lipides, superoxide dismutase, catalase, myeloperoxidase, paraoksanase.*

### Abstract

The metabolic disorders in the osteoarthritis of the knee joint in the form of the activation of the prooxidativ system and the inhibition of enzymatic part of the anti-oxidative system were detected. The correlation between the degree of oxidative stress and severity of clinical manifestations of osteoarthritis was established. The clinically most relevant indicators of synovia for laboratory diagnosis of the osteoarthritis such as the aliphatic aldehyde groups of the oxidated proteins and the activity of the mieloperorksidazy were identified.