

Table of Contents

Efficiency of Structural Antigipoxants in Perioperative Period of Patients with Lower Limbs Fractures T.B. Minasov, A. Faizullin, R. Saubanov, R. Kostiv, G. Gainanova, I. Minasov and R. Vachitov	1
Diagnostic and Prophylactics of Early Instability's Development in Cementless Endoprosthetics of Hip Joint I. Kuznecov, Y. Dorofeev and K. Voronin	8
Important Aspects of Staging of Biofilm's Formation and Justification of Time Intervals of Conduction of Prophylactics of Infectious Complications T. Timokhina, N. Perunova, O. Malyugina, I. Khamitova and M. Maslova	17
Modern X-Ray Methods for Studying Bone Tissue O. Malyugina, E. Kalinin, E. Maslova, R. Alekberov, D. Murzaeva and T.B. Minasov	25
The Current State of the Problem of Treatment of Patients with Proximal Humeral Fractures against the Background of Osteoporosis Y. Dorofeev, D. Murzaeva, R. Alekberov and E. Ryabko	35
General Principles and Special Features of Histological and Immunohistochemical Methods of Bone Tissue Examination Y. Paromova, N. Timofeeva, E. Maslova, O. Obukhova, K. Voronin, O. Mustaev and T. Vlasenko	45
Results of the Experimental Research and Clinical Application of Cannulated Screw with Bioactive Coverage on the Basis of Natural Hydroxiapatite during Osteosynthesis of Medial Fractures of Femur's Neck A. Markov	52
Results of the Proliferative Activity's Analysis of Bifidobacterium Exometabolites in Regard to Hospital Isolates from Patients after Vascular Synthetic Prosthetics Implantation A. Yurinov, T. Timokhina, D. Nekrasov, A. Sokolyuk, S. Svetkin and A. Inozemtseva	60
Preservation of Bone Tissue Quality during the Usage of Synthetic Bioactive Calcium Phosphate Mineral Coating for Prevention of Metallic Construction Migration A. Markov, A. Ponomarev, M. Zavatskij, K. Stepanova, S. Krylov and M. Naumov	67
Analysis of Modern Treatment of Patients with Injuries of the Anterior Cruciate Ligament M. Shilyuk, E. Kalinin, T. Nasyrov, A. Samedli, A. Antonenko and O. Mustaev	75