



Editorial	
From Editor-in-Chief: On issue, our performance in 2024, appreciating the best, new trials and guidelines, re-infection Gulmira Kudaiberdieva	1
Editorial	
New European guidelines on pneumothorax: Copernican revolution or just reinvention of the wheel? Federico Tacconi, Rome, Italy	8
Original Research	
Conflict resolution style in professional activities of nurses Aigul S. Abdyzhaliева, Victor E. Savin, Tologon Ch. Chubakov, Kalima T. Mamatova, Raikhan S. Rozyeva, Bishkek, Kyrgyzstan	11
Original Research	
Histophysiology of the lungs and oxygen transport function of the blood with an exclusively fatty diet Aycholpon T. Israilova, Elmira M. Mamytova, Yusuf Kh-M. Shidakov, Ayna Dj. Mamytova, Daniil A.O, Bolotbek Alymjan ulu, Aigul T. Altynbekova, Rustam R. Tuhvatshin, Bishkek, Kyrgyzstan, Astana, Kazakhstan	22
Original Research	
Immunological and autonomic profile of ischemic stroke in lowlands Nargiza T. Chekeeva, Svetlana G. Shleifer, Bolot B. Kulov, Begimai B. Kadyrova, Asel T. Jusupova, Elena V. Andrianova, Bishkek, Kyrgyzstan	32
Original Research	
A potential innovative surrogate marker for hypoxic injury: Shehata marker of angiogenesis Mohamed S.A. Mohamed, Brandenburg, Germany	42
Editorial	
Angiogenesis monitoring after organ transplantation – Should we address it? Vitaliy Petrov, Lviv, Ukraine	51
Original Research	
Analysis of taurolidine as a preventive solution for CIED infection: Preliminary results from a single centre Elkin Gonzalez Villegas1, Alvaro Gilsanz, José Romero Carmona, Madrid, Spain	53
Original Research	
Cardiac remodeling and global longitudinal strain in young male competitive athletes: A comparative study across different training modes Damirbek A. Abibillaev, Fuat Kocyigit, Aida K. Baatyrbekova, Aisanam K. Abdurasulova, Kudaibergen R. Osmonaliev,, Samatbek A. Satybaldyev, Zhenishbek K. Ismailov, Ryskul B. Kydryralieva, Oskon A. Salibaev, Taalaibek Z. Kudaiberdiev, Bishkek, Kyrgyzstan	64
Original Research	
Pattern of coronary artery disease and its correlation with risk factors and severity of disease in patients with established peripheral artery disease: Doppler and angiographic study Ajinkya Borhade, Tarunkumar Madan, Dinesh Joshi, Riyaz Charaniya, Krutika Patel, Anand Dhakne, Himani Upadhyaya, Parth Thakkar, Ahmedabad, India	75
Original Research	
Evaluation of vascular invasion in hepatic alveolar echinococcosis using computed tomography: an observational study Ilyar A. Baudinov, Aliya I. Kadyrova, Kanat Omorov, Bakhadyr K. Bebezov, Kubat Ibraimov, Aleksei Oginskiy, Roshan Kumar Shah, Shabdan N. Isamadyrov, Bishkek, Kyrgyzstan	81

Review	
Mechanistic relationship between obesity-induced inflammation triggering endothelial dysfunction and the initiation of atherosclerosis development	90
Richard L. Jayaraj, Elhadi H. Aburawi, Al-Ain, United Arab Emirates, Guangzhou, China	
Case report	
Annular constrictive pericarditis causing hour-glass contracture of the right ventricle	106
Bhargav Patel, Jenil Bhatt, Utkarsh Sanghavi, Ahmedabad, Gujarat, India	
Case Report	
Atypical acute myocardial infarction presenting as papillary muscle rupture and pulmonary edema: A case report	111
Irina A. Akhmedova, Azat K. Turgunov, Inamullah, Areeba Sarfraz, Rakhat S. Kalieva, Sultanmurat A. Jumabaev, Daniyar Ch. Cholponbaev, Bishkek, Kyrgyzstan	
Case Report	
Successful treatment of heparin-induced thrombocytopenia after tricuspid valve replacement: A case report	117
Zhamalbek I. Ashimov, Zhanybek Zh. Gaibyldaev, Aiperi K. Kurmanbekova, Bishkek, Kyrgyzstan	
Correction note	
Correction note	123