



Editorial	
From Editor-in-Chief: One more firm step forward, our June issue, meetings and evidence updates, COVID aftermath and welcome to new Editors Gulmira Kudaiberdieva	165
Editorial	
Lipid management: Insights from NICE clinical guidelines 2023 Khalil Akhrari	169
Editorial	
New atrial fibrillation guidelines: a cool breeze has arrived Luis Antonio Arabia, Cordoba, Argentina	173
Editorial	
The 24th organ: the aorta. The main concept of new EACTS/STS Guidelines Fabio Massimo Oddi, Grazia Granata, Leonardo Oddi L, Giorgio Fedeli, Vincenzo Brizzi, Rome, Italy, Bordeaux, France	175
Original Research	
Remodeling of the microcirculation of the small intestine with a fatty diet in rats: an experimental randomized study Bolotbek Alymzhan uulu, Elmira M. Mamytova, Yusuf X-M. Shidakov, Aicholpon T. Israilova, Aina J. Mamytova, Rustam R. Tukhvatshin, Tamara S. Abaeva, Nurbek K. Monolov, Amanbek M. Mamytov, Bishkek, Kyrgyz Republic	178
Original Research	
Ejection fraction improvement in left ventricular-only pacing vs. BiVentricular pacing in patients with heart failure Randa Tabbah, Jamil Francis, Hadi Skouri, Maurice Khoury, Bernard Abi-Saleh, Beirut, Lebanon, Cleveland, OH, USA	191
Original Research	
Ablation outcomes and quality of life in patients with atrial flutter and concomitant paroxysmal atrial fibrillation Anastasia Aker, Ulyana Chernyaha-Royko, Mykhaylo Sorokivskyy, Borys Kravchuk, Igor Tumak, Yuriy Ivaniv, Oleg Zharinov, Lviv, Kyiv, Ukraine	200
Original Research	
Comparison of the clinical profile and outcomes of Covid-19 infection in vaccinated and unvaccinated people Sridevi Ganesan, V. Surya Kumari, Ramya Gadam, Kakinada, India	208
Original Research	
Analysis of food poisoning for the period from 2013 to 2023 in Bishkek, Kyrgyz Republic Dilbar J. Bekieva, Marina K. Esenamanova, Feruza A. Kochkorova, Tatyana A. Tsivinskaya, Raisa M. Atambaeva, Rakhimakan G. Gainazarova, Aliman M. Umuralieva, Gulnar K. Sibagatova, Svetlana K. Kenzhegaliev, Aizhanat Daniyarova, Bishkek, Osh, Kyrgyz Republic, Aktobe, Kazakhstan	213
Original Research	
Influence of time in therapeutic range on postoperative complications in mechanical heart valve replacement patients operated with the indigenous TTK Chitra heart valve Tarun Shetty, Hemachandren M, Ram Sankar P, Durga Prasad R., Pondicherry, India	221
Original Research	
Early and mid-term outcome of inhaled versus intravenous milrinone in patients with rheumatic mitral stenosis and pulmonary hypertension undergoing mitral valve surgery Jigar Patel, Ketav Lakhia, Ashish Madkaiker, Kartik Patel, Pankaj Garg, Ahmedabad, India, Jacksonville, FL, USA	231

Original Research	
COVID-19 sequelae on transthoracic echocardiography findings in pediatric patients with septal congenital heart disease: A retrospective comparative analysis Damirbek Abibillaev, Elmira Tucusheva, Akmaral Kurmanbekova, Begaiym Ulugbekova, Raushan Barakanova, Taalaibek Kudaiberdiev, Zhumagul Tashbolot kyzy, Kubra Abdalbakioglu, Azizakan Rakhmanova, Aidina Kazymbek, Kudaibergen Osmonaliev, Bishkek, Kyrgyzstan	244
Original Research	
Effects of the cardiac rehabilitation program on the quality of life in patients after open-heart surgery Moldir Baibolova, Berik A. Bolatbekov, Kymbat S. Trusheva, Kuramys S. Kuramysuly, Zarina S. Bolatbekova, Berikbay Yesenbekov, Turkestan, Almaty, Shymkent, Kazakhstan	252
Original Research	
Clinical and neuroimaging predictors of early hospital mortality in patients with hemorrhagic stroke Darikha I. Bakaeva, Elmira M.Mamytova, Mitalip M.Mamytov, Khalida Sh. Musaeva, Damirbek A. Abibillaev, Nurbek K. Monolov, Bishkek, Kyrgyzstan	263
Brief report	
Are we the “Catalyst” to accomplish pragmatic solutions against challenges in Pakistani Healthcare? Fouad A. Khokhar, Farah T Tabassam, Irfan A Ahmad, Maqsood M Elahi, Lahore, Pakistan	277
Systematic review	
Hospital predictors of deep vein thrombosis after ischemic stroke: A systematic review Karlygach T. Torokulova, Gulmira S. Biyalieva, Elena N. Akulich, Elmira A. Mamytova, Aina J. Mamytova, Leila R. Akhmadeeva, Bishkek, Kyrgyzstan, Ufa, Russian Federation	284
Systematic review	
Etiopathogenesis, diagnosis and treatment strategies for stroke-associated pneumonia Turat S. Kadyrov, Elmira M.Mamytova, Aina Dj. Mamytova, Anara U. Toktomametova, Maksatbek A. Batyrov, Nurzhan T. Dzhaparaliev, Bishkek, Kyrgyz Republic	293
Systematic review	
Cardiotoxicity of checkpoint inhibitors: focus on immune side effects Yuri I. Buziashvili, Elmira U. Asymbekova, Elvina F. Tugeeva, Elena V. Artamonova, Firdavsjon R. Akiljonov, Moscow, Russia	302
Case Report	
Ischemic stroke from non-bacterial thrombotic endocarditis embolization in Li-Fraumeni syndrome: A case report Silvia Andalaro, Stefano Cacciatore, Maria Anna Nicolazzi, Federico Biscetti, Clarissa Modafferi, Emanuela Lucci-Cordisco, Antonio Gasbarrini, Andrea Flex, Rome, Italy	313