



Editorial	
On impact of articles published in Heart, Vessels and Transplantation and on responding to reviewers' comments Gulmira Kudaiberdieva	131
Original Research	
Epidemiological and nosological structure of patients with chronic heart failure according to institutions of tertiary level of healthcare of the Kyrgyz Republic Taalaibek Z.Kudaiberdiev, Ainagul S. Dzhumagulova, Sofya M. Shakhnabieva, Irina A. Akhmedova, Kanzada A. Zhorupbekova, Ibragim S. Sabirov, Bakytbek Zh. Imanov, Bishkek, Kyrgyz Republic	134
Invited Review	
Looking beyond ejection fraction: what we have in echocardiography Oben Baysan, İlke Zehra Akyıldız, Ankara, Izmir, Turkey	143
Case report	
Pseudoaneurysm of interventricular membranous septum: a rare late complication after repeated valve replacements Ferhat C. Piskin, Rabia Akilli, Umur A. Pehlivan, Erol H. Aksungur, Kairgeldy Aikimbaev, Adana, Turkey	152
Brief report	
Analysis of early postoperative outcomes of combined simultaneous and multistage surgeries Alymkadir S.Beyshenaliev, Nurgazy M. Zhumagulov, Taalaibek K. Atabaev, Begmamat M. Nyshanov Bishkek, Osh, Kyrgyzstan	156
Quiz	
ICD Ayan Abdrakhmanov, Zhandos Esilbayev, Nur-Sultan, Kazakhstan	162
Quiz	
Electrocardiogram Mykhaylo Sorokivskyy, Ulyana Chernyaha-Royko, Lviv, Ukraine	163
News	
The second international scientific-practical conference "School of Arrhythmology" in Kyrgyzstan Abai Turdubaev, Bishkek, Kyrgyzstan	164
Answer to quiz and case discussion	
Answer to a Quiz on page 162: ICD Ayan Abdrakhmanov, Zhandos Esilbayev, Nur-Sultan, Kazakhstan	168
Answer to quiz and case discussion	
Answer to a Quiz on page 163: Electrocardiogram and case discussion Mykhaylo Sorokivskyy, Ulyana Chernyaha-Royko, Lviv, Ukraine	169
Correction	
Correction note	171
Papers of Annual International Inter-University Scientific and Practical Conference "Innovations in the Field of Medical Science and Education" October 17-19, 2019, Cholpon-Ata, International School of Medicine, Bishkek, Kyrgyzstan	
Morphology of intramural lymph vessels of the human heart Tamara S. Abaeva, Masalbek A. Satybalbiev, Argen T. Alymkulov, Aida M. Ergesheva, Bishkek, Osh, Kyrgyzstan	173
Aorto-right ventricular tunnel originating from left coronary sinus: a case report Bebezov I.H., Abdyl daev I.Z., Cholponbaev D. Ch., Chevgun S.D., Chukubaev M.A., Daniyarov B.S., Kaliev T.B., Nurbekov K.N., Bishkek, Kyrgyzstan	177

Concentration of anti-Mullerian hormone in the blood as a result of electrical stimulation of polycystic ovaries in women with infertility Arystanbek O. Atykanov, Nurgazy T. Dzhanzakov, Bishkek, Kyrgyz Republic	181
Dissection of ascending aorta and left main coronary artery after routine percutaneous coronary intervention: a case report Daniiyarov B.S., Abdylidaev I.Z., Chevgun S.D., Nurbekov K.N., Cholponbaev D.C., Kaliev T.B., Borubaev EE, Chukubaev M.A., Bishkek, Kyrgyz Republic	184
Endovascular treatment of chronic lower limb ischemia - the first experience of consecutive patients in the Kyrgyz Republic Chevgun S.D., Abdylidaev I.Z., Imankulova A. S., Bebezov I.H., Cholponbaev D. Ch., Nurbekov K.N., Daniiyarov B.S., Raimkulov A.E., Alekseev D.N., Eginaliyev A. Osmonov T.A., Bishkek, Kyrgyzstan	188
Immediate clinical and angiographic outcomes after delayed percutaneous coronary interventions in patients with acute coronary syndrome Chevgun S.D., Abdylidaev I.Z., Daniiyarov B.S., Bebezov I.H., Badrakly E.F., Osmonov T.A., Bishkek, Kyrgyzstan	193
Individual-typological features of regulation of cardiorhythm in foreign students during education process Ainura M. Satarkulova, Shadiya Yu. Aisaeva, Almaz S. Shanazarov, Bishkek, Kyrgyzstan	199
Results of controlled clinical examination of intraoperative reinfusion of blood, taken from pleural cavity in the slow and fast conditions Jamilya A. Chyngysheva, Djuraboy M. Sabirov, Bishkek, Kyrgyzstan, Tashkent, Uzbekistan	203
Stent grafts implantation in patients with life-threatening aortic conditions – first experience in Kyrgyz Republic Abdylidaev I.Z., Chevgun S.D., Aripov M.A., Bebezov I.H., Chukubaev M.A., Cholponbaev D. Ch., Nurbekov K.N., Daniiyarov B.S., Toktosunova D.B., Bishkek, Kyrgyzstan	208
Circadian biorhythms of indicators of the cardio-respiratory system in children with bronchial asthma Orozali Uzakov, Vladimir Alekseyev, Bishkek, Kyrgyzstan	214
Possibilities of endobiliary stenting with complex choledocholithiasis V.V. Yurchenko, O.J. Uzakov, Kaliningrad, Russian Federation, Bishkek, Kyrgyz Republic	217
Intrauterine balloon tamponade in the management of postpartum hemorrhage Saikal Osmonova, Saltanat Nazaralieva, Bishkek, Kyrgyzstan	226
Papers of International Scientific-Practical Conference Dedicated to the 55th Anniversary of the First Heart Surgery with Cardiopulmonary Bypass; Osh city, Kyrgyzstan	229
The proportion of coronary heart disease in development of chronic heart failure by retrospective analysis of three-year registry of hospitalization cases in tertiary healthcare institutions* of Kyrgyz Republic Taalaipek Z. Kudaiberdiev, Irina A. Akhmedova, Ainagul S. Dzhumagulova, Kanzada Sh. Zhorupbekova, Damirbek A. Abibillaev, Bishkek, Kyrgyzstan	230
The structure of cardiac surgery and interventions in heart failure management in the Kyrgyz Republic: A retrospective analysis Taalaipek Z. Kudaiberdiev, Kanat Ashirov, Irina Akhmedova, Bakytbek Imanov, Akylbek Zhooshev, Damirbek A. Abibillaev, Bishkek, Osh, Kyrgyzstan	235
Survival analysis of renal patients underwent transplantation in Kyrgyz Republic and various countries by 10 years follow-up Zhanybek Gaybuldaev, Zhamalbek Ashimov, Damirbek Abibillaev, Fuat Kocyigit, Bishkek, Kyrgyzstan, Turkey	243
The TACE's role in the management of primary liver cancer Andrei A. Seregin, Egor M. Zagainov, Pavel I. Ryhtik, Angelina S. Chichkanova, Lubov V. Shkalova, Vladimir E. Zagainov, Nizhny Novgorod, Russia	250
Indexes	
Author index 2019	256
Reviewer index 2019	258
Content index 2019	259