



| | |
|--|-----|
| Editorial | |
| From Editor-in-chief: Concluding Year 2023, our gains, gratitude to our reviewers, news from AHA 2023 scientific sessions, long COVID and protecting your patients Gulmira Kudaiberdieva | 255 |
| Editorial | |
| Changing the diagnostic paradigm of the ECG diagnosis of left ventricular hypertrophy Ljuba Bacharova, Bratislava, Slovak Republic | 260 |
| Editorial | |
| The changing paradigm of diagnostic testing for chronic coronary artery disease: An overview of the 2023 AHA/ACC/ACCP/ASPC/NLA/PCNA guideline for the management of patients with chronic coronary disease Andrea De Lorenzo, Rio de Janeiro, RJ, Brazil | 262 |
| Editorial | |
| Overview of the 2023 ESC guidelines for the management of cardiomyopathies Yuriy Ivaniv, Nelya Oryshchyn, Anastasiya Aker, Lviv, Ukraine | 264 |
| Editorial | |
| Coronary artery disease and transcatheter aortic valve implantation: diagnostic evaluation, management and indication for percutaneous revascularization Dario Mafrica, Matteo Betti, Gaetano Tanzilli, Lorenzo Lo Sasso, Luigi Spadafora, Giuseppe Biondi-Zoccai, Marco Bernardi, Rome, Milan, Latina, Italy | 269 |
| Editorial | |
| Key messages to comprehend: 2023 Focused Update of the 2021 European Society of Cardiology Guidelines for the diagnosis and treatment of acute and chronic heart failure Zehra Ilke Akyildiz, Oben Baysan, İzmir, Ankara, Turkey | 273 |
| Original Research | |
| A rare case series of mechanical prosthetic heart valve structural deterioration presented as severe mitral regurgitation Jignesh Kothari, Sundip Lukhni, Utkarsh Sanghavi, Devrat Desai, Ishan Gohil, Gujarat, India | 278 |
| Original Research | |
| Study of usefulness of speckle-tracking echocardiography in detecting left ventricular dysfunction among adult cancer patients undergoing chemotherapy Chandrakant Usendia, Anand Shukla, Mithilesh Kulkarni, Vishal Sharma, Karthik Natrajan, Kewal Kanabar, Dinesh Joshi, Riyaz Charaniya, Pratik Raval, Krutika Patel, Gujarat, India | 282 |
| Original Research | |
| Moving from a training project to a real international project: an experience with an on-line mentorship model Anna Mierzynska, Natalia Sabolova, Katarzyna Piotrowicz, Eric Eisenstein, Monika Hricova, Ljuba Bacharova, Otwock, Warsaw, Poland, Kosice, Bratislava, Slovakia, Durham, NC, USA | 290 |
| Original Research | |
| Effect of isolated protein diet on remodeling of the bronchial-alveolar-vascular microaxis of the lungs Aycholpon T. Israilova, Elmira M. Mamytova, Yusuf Kh-M. Shidakov, Ayna Dj. Mamytova, Bishkek, Kyrgyzstan | 296 |
| Original Research | |
| Complications of endoscopic ligation of varicose veins in patients with portal hypertension Bahadyr H. Bebezov, Talgat A. Abdykadyrov, Bishkek, Kyrgyzstan | 306 |
| Original Research | |

| | |
|---|-----|
| Superiority of 3D transesophageal echocardiography in assessment of mechanical prosthetic valve dysfunction as compared to 2D transesophageal echocardiography Nilesh Chandak, Hasit Joshi, Pooja Vyas, Kamal Sharma, Gajendra Dubey, Iva Patel, Kewal Kanabar, Maharashtra, Gujarat, India | 312 |
| Original Research | |
| The angiographic and clinical profile of patients with Takayasu aortoarteritis Jitendra Sharma, Tarun Madan, Dinesh Joshi, Riyaz Charaniya, Pratik Raval, Vishal Sharma, Himani Upadhyaya, Krutika Patel, Gujarat, India | 321 |
| Original Research | |
| Evaluation of the possibility of using spectral analysis of a single-channel ECG for the diagnosis of diastolic dysfunction of the left ventricle of the heart Ishenbay K. Moldotashev, Yuriy A. Bogdanov, Alexander A. Sorokin, Bishkek, Kyrgyzstan, China, Kharkiv, Ukraine | 329 |
| Original Research | |
| Left atrial appendage thrombus formation despite oral anticoagulation: what can we do when there is nothing to offer? Luis Antonio Arabia, Juan Jose Luciano, Cordoba, Argentina | 338 |
| Original Research | |
| Single-center adult cardiac surgery practice during the COVID-19 era Elmira Tukusheva, Taalaibek Kudaiberdiev, Damirbek Abibillaev, Irina Achmedova, Akmaral Kurmanbekova, Aizhamal Islamova, Bishkek, Kyrgyz Republic | 347 |
| Review | |
| Comparative analysis of the effectiveness of carotid endarterectomy operations with stenting of the carotid arteries: a systematic review Abdusalom A. Abdurakhmanov, Farhad A. Mamataliev, Shuxrat N. Salakhitdinov, Oybek A. Mashrapov, Saidjalol A. Tursunov, Odilbek S. Sultanov, Tashkent, Fergana, Uzbekistan | 355 |
| Review | |
| Influence of mountain climate on multiple sclerosis Begimai B. Kadyrova, Asel T. Jusupova, Nurzhan T. Dzhaparalieva, Bolot B. Kulov, Bishkek, Kyrgyz Republic | 359 |
| Review | |
| Anatomy across centuries: From ancient Greeks to modern innovations. The merit and significance of autopsies today Iryna Tehlivets, Lviv, Ukraine | 364 |
| Case Report | |
| Surgical repair of ruptured infrarenal abdominal aortic mycotic aneurysm using superficial femoral vein graft: A case report Tarun Shetty, Hemachandren Munuswamy, Aravind Kalyanasundaram. Pondicherry, India | 377 |
| Case Report | |
| Giant myxoma of the right sections of the heart obstructing the inferior vena cava: A case report Khamidulla A. Abdumajidov, Khairulla Zh. Buranov, Tashkent, Bukhara, Uzbekistan | 382 |
| Case Report | |
| A rare case of free floating thrombus in the aorta and left ventricle – a case report Nihaz Yusuf Nazer, Shilpa Suresh, Jyothirmayi Bommali, Ashita Barthur, Ravi Kishore, Rajesh K. Rao, Bangalore, Karnataka, India | 387 |
| Quiz– Electrocardiography | |
| ECG Quiz Sok-Sithikun Bun, Didier Scarlatti, Fabien Squara, Nice, France | 393 |

| | |
|---|-----|
| Case Report | |
| Rare presentation of bicuspid aortic valve with severe stenosis complicated by mitral valve chordal rupture in peripartum period Alay Parikh, Ishan Gohil, Utkarsh Sanghvi, Jignesh Kothari, Gujarat, India | 395 |
| Answer quiz - Electrocardiography | |
| Answer to ECG quiz on page 393 Sok-Sithikun Bun, Didier Scarlatti, Fabien Squara, Nice, France | 398 |
| Content index | |
| Content Index 2023 | 400 |
| Author index | |
| Author Index 2023 | 405 |
| Reviewer index | |
| Reviewer Index 2023 | 408 |