



Index of Contents

(CORRESPONDING TO ISSUES 1, 2, 3, 4, 5 AND 6)

EDITORIAL BOARD LETTER

- Acknowledgement to Hernán C. Doval, M.D. **1**

EDITORIALS

- “Having Mate” with the Normal Values of the Thoracic Aorta, **2**
- Cholesterol is inadequately treated in diabetic patients from Buenos Aires: Independently from the formula we use numbers do not match, **4**
- 2019 Dr. Pedro Cossio Foundation Award, **6**
- Transcatheter aortic valve implantation. The prodigious decade, **97**
- Science Under Stress. The Pandemic Effects on Research, **187**
- The Continuum of Stroke Prevention in Patients with Atrial Fibrillation in Clinical Practice: “Learning Curves”, New Challenges and Unmet Needs Across the Globe, **279**
- Worse Outcomes after Coronary Artery Bypass Graft Surgery in Females: Delayed Care, Misdiagnosis, or Just a Sex Issue?, **403**
- Social Isolation During COVID-19: Are We Facing the Development of a Magnifier for Cardiovascular Risk Factors?, **405**
- First Argentine Registry of Cardioverter-Defibrillator and Resynchronization Therapy: An Opportunity to Analyze the Present to Improve the Future, **407**
- Rapid diagnosis of acute myocardial infarction, **479**

ORIGINAL ARTICLES

- A Machine Learning Algorithm to Predict Risk for Acute Coronary Syndrome, **9**
- Normal Values of Thoracic Aorta Dimensions by Echocardiography. The MATEAR (Measurement of Thoracic Aorta by Echocardiography in Argentina) Registry, **14**
- Losartan and Metformin Prevent Abnormalities in Perivascular Adipose Tissue and in Mesenteric Vascular Bed Prostanoid Release Induced by High-fat High-fructose Diet in Rats, **25**
- Impact of an Evaluation System of Times to Reperfusion in ST-segment Elevation Acute Myocardial Infarction, **32**
- Lipid Goals in Diabetic Patients. Clinical Implications after Application of a New Formula for LDL-cholesterol Calculation, **39**
- Mistreatment In Medical Training: Situation In Cardiology Residences, **46**
- Preeclampsia is Preceded by Abnormalities in Cardiovascular Function, **52**
- Cardiopulmonary Exercise Testing: Reference Values in Adolescent and Adult Patients with Congenital Heart Diseases, **99**
- Multicenter Experience of Transcatheter Aortic Valve Implantation Stratified by Risk in Latin American Centers, **106**
- Single-arm Meta-analysis of Argentine Studies Reporting 30-Day Mortality After Transcatheter Aortic Valve Implantation in Intermediate-Risk Patients, **111**
- Argentine Registry of Acute Heart Failure (ARGEN-IC). Evaluation of a Partial Cohort at 30 Days, **118**
- Development of Subcutaneous Implants of Controlled Release Formulations of Carvedilol for Sustained Blood Pressure Reduction in Experimental Models of Hypertension, **125**
- Relationship Between Body Fat and Morbidity and Mortality in Cardiac Surgery, **130**
- Usefulness of Interleukin-6 and High-sensitivity C-reactive Protein as Prognostic Markers in Outpatients with Heart Failure and Reduced Ejection Fraction, **190**
- MAPEC-Salta Project: A New Care Model for Hypertensive Patients in Primary Health Care in the City of Salta, Argentina, **197**
- Psychosocial Aspects of the COVID-19 Pandemic in the Mendoza Population, **203**
- Usefulness of a Single-lead Electrocardiographic Recording System and Wireless Transmission During the COVID-19 Pandemic, **207**
- Risks of Cardiovascular Disease Patients in Times of COVID-19. A Survey of the Argentine Foundation of Cardiology, **212**
- Stroke Prevention in Atrial Fibrillation. Findings from the GLORIA-AF Registry, **272**
- Acute ST-segment Elevation Myocardial Infarction in Argentina. Data from the continuous ARGEN-IAM-ST registry, **289**
- A Prospective Multi-Center Registry of Patients Hospitalized for Non-ST Segment Elevation Acute Coronary Syndrome in High Complexity Centers. Inhospital and 6-month Outcomes (Buenos Aires I), **299**
- Cardiovascular Risk Distribution in Argentina in 2018, 308 Factors Associated with Non-calcified Plaques in Patients with Coronary Artery Calcium Score of Zero, **315**
- Association Between Plasma Aldosterone and Sleep Apnea in Arterial Hypertension, **322**
- Mid-term Outcome of Patients with Diagnosis of Transthyretin Cardiac Amyloidosis, **410**
- Results of the First SAC Implantable Cardioverter-Defibrillator and Cardiac Resynchronization Therapy Registry (RENCARE), **415**
- Endovascular Treatment of Aortic Aneurysms with Minimalist Approach, **420**
- Systematic Application of an Algorithm for Lipid Management in Cardiovascular High-Risk Patients. Impact on Lipid Goals, **425**
- Short-Term Outcomes of Isolated and Combined Coronary Artery Bypass Graft Surgery in Women, **432**
- Psychosocial Impact of the COVID-19 Pandemic on the Adult Population of Buenos Aires, **437**
- Performance of the European Society of Cardiology Algorithm for the Assessment of Chest Pain in Patients with Diabetes Mellitus, **482**
- Implication of Left Main Coronary Artery Disease on Coronary Artery Bypass Graft Surgery Results, **489**
- Clinical Characteristics and Cardiometabolic Control of Persons with Diabetes in the Cardiology Office in Argentina, **496**

- Mitral Valve Replacement in Patients with Mitral Annulus Calcification, **503**
- ST-Segment Elevation ACS: Impact of Time to Diagnosis on Door-To-Balloon Time in the Real World. Data from the ARGEN-IAM-ST Registry, **508**

BRIEF ARTICLE

- Long-Term Survival of Multivessel Coronary Surgery Bypass Grafting up to 20 Years of Follow-Up, **57**
- Survey on the Management of Myocardial Infarction with ST-Segment Elevation in Hospitals from Rural Areas in the Province of Rio Negro, Argentina, **136**
- Low T3 Would Indicate Adverse Outcomes for Inpatients with Decompensated Heart Failure, **140**
- Results of the COVID-19 Survey. Impact on Cardiovascular Care in the ARGEN-IAM-ST National Infarction Registry, **217**
- WhatsApp Consultations in the Department of Electrophysiology of a Public Hospital of the City of Buenos Aires in Times of COVID-19, **225**
- Contributions of Exercise Stress Testing in the Octogenarian Population, **229**
- Association Between Bicuspid Aortic Valve and Ascending Aorta Morphology, **329**
- Central Venous Complications Associated with Ruptured Abdominal Aortic Aneurysm, **443**
- Reality of Hypertensive Patients from the Uruguay River Coast Assisted by Specialists in Cardiology (Río Uruguay Registry I), **448**
- Usefulness of Spectral Cardiac Computed Tomography for the Evaluation of Thrombotic Complications in Patients with Ischemic Stroke, **516**

IMAGES IN CARDIOLOGY

- Usefulness of Ventricular Extrasystole to Infer Unidirectional Cavotricuspid Isthmus Block after Atrial Flutter Ablation, **63**
- Cavernous Hemangioma of the Left Atrium, **146**
- Electrocardiography in Times of COVID-19 (Prone Leads), **233**
- Coronary Artery Fistula in Elite Athlete, **333**

SCIENTIFIC LETTERS

- Cardiac auscultation in the pneumopericardium, **65**
- Survey of Pregnant Women with Serological Diagnosis of Chagas Disease and its Association with Neonates, **66**
- Percentage of Patients with Cardiac Electronic Devices Requiring Magnetic Resonance Imaging, **163**
- Transesophageal Echocardiography in the Era of COVID-19. Use of the Aerosol Box as an Additional Barrier, **164**
- Cardiac Reintervention and Hemi-Commando Procedure in Double-Valve Endocarditis, **166**
- Subcutaneous Implantable Cardioverter Defibrillator in a Patient with Pacemaker, **167**
- Patient Selection for Percutaneous Closure of Patent Foramen Ovale with Transthoracic Color-Doppler Echocardiography Only. A Different Strategy, **267**
- Routine Blood Salvage with Cell Saver During Elective Cardiac Surgery, **268**
- Effect of Antiplatelet Therapy on Suboptimal Reperfusion, **270**
- Circulatory Support and Extracorporeal Membrane Oxygenation in Transcatheter Aortic Valve Implantation, **271**
- Virtual Cardiology Outpatient Clinic in a Public Hospital During the COVID-19 Pandemic, **272**
- Hybrid Surgery for Extraction of Leads Entrapped in the Superior Vena Cava, **359**
- Complete Left Bundle Branch Block and Blunt Cardiac Injury: A Lesson Learned, **360**
- Chronic Dissection of the Abdominal Aorta. Endovascular

- Therapy with Novel Stent-Graft in-situ Fenestration, **362**
- Severe Pericardial Calcification: Does it Still Exist?, **365**
- Endovascular Repair of Aortic Recoarctation and Thoracic Aortic Pseudoaneurysm, **455**
- Aortic Recoarctation Associated with Type-B Aortic Dissection. Impossibility of Endovascular Treatment, **456**
- Postcardiac Injury Syndrome Secondary to Thoracic Trauma, **459**
- Abdominal Aortic Aneurysm in Marfan Syndrome, **461**
- Myocardial Infarction, Pulmonary Thromboembolism and Impending Paradoxical Embolism, **462**
- Attendees to the Argentine Society of Cardiology Webinars. Analysis of Variables Associated with Audience and Trend, **464**
- Is the Clinical Condition Sovereign in the Post-COVID High-Performance Athlete? Decisions Based Only on Imaging studies?, **467**
- A Possible Horizon in Heart Transplantation, **467**
- Stent Thrombosis and COVID-19, **555**
- Heart Failure Due to External Iliac Arteriovenous Fistula After Laser Ablation of the Saphenous Vein, **557**
- Persistent ST-Segment Elevation Due to Myocardial Infiltration, **558**
- Short QT Syndrome Associated with Noncompacted Myocardium, **560**
- Abdominal Aortic Coarctation in Noonan Syndrome, **561**
- Renal Artery Aneurysm with Bilateral Renal Artery Stenosis, **563**

LETTERS TO THE EDITOR

- Influences in obesity, **170**
- Maternal Hemodynamics to Predict Hypertensive Disorders of Pregnancy: Should this be the Outlook?, **170**
- Doctor's as a machine, not as balance, **171**
- Conversion of Cardiac Surgery, **274**
- Use of an Electrocardiographic Bipolar Single-Lead in the Precordial Region, **367**
- Coronavirus Pandemic Makes Us (Re)Learn Our Realities, **368**
- Vaccination in Patients with Heart Failure in Argentina: Results from the ARGEN-IC. Real Data, far from Clinical Practice Guidelines, **370**

OCASIONAL NOTE

- Hypothesis: Cough as a Complementary Maneuver to Avoid Vasovagal Syncope, **147**

REVIEW ARTICLE

- Antithrombotic Treatment in Acute Coronary Syndrome and Atrial Fibrillation, **68**
- Efficacy, Safety and Clinical Applicability of PCSK9 Inhibitors, **150**
- Extrathoracic Accesses in TAVI: New Standards?, **234**
- Sudden Death in the Out-of-hospital Setting in Times of COVID-19, **241**
- COVID-19. Review on Its Cardiovascular Impact, **247**
- Epicardial Fat and Hepatic Steatosis as Cardiovascular Risk Markers, **334**

EDITORS PAGE

- Cost-Effectiveness of the Implantation in Argentina, **72**
- In Search of the Significant p. Its Influence on the Credibility of Publications, **173**

IN MEMORIAM

- Dr. Mario Fortunato, **565**

OPINION ARTICLE

- Analysis of the National Board of Health Technology Assessment Report on Transcatheter Aortic Valve Implantation, **75**

- The Future of Cardiac Surgeons: Conversion of the Specialty, [161](#)
- The Challenge of Expanding the Boundaries of Heart Transplantation in Argentina, [345](#)

SPECIAL ARTICLE

- Cocaine and Cocaine Base Paste in Cardiology. A matter to Consider, [452](#)
- New Imaging Technologies for the Diagnosis and Treatment of Complex Aortic Aneurysms, [522](#)
- 2020/2021 ISHNE/ HRS/ EHRA/ APHRS Collaborative Statement on mHealth in Arrhythmia Management: Digital Medical Tools for Heart Rhythm Professionals [528](#)

CONTROVERSY

- Use of Thrombolytics in Pulmonary Thromboembolism with High-Risk Markers or High Thrombus Burden without Hemodynamic Compromise, [349](#)

OUTSTANDING PUBLICATIONS

- Clinical Cardiologist Viewpoint, [78](#), [179](#), [275](#), [390](#), [469](#), [566](#)

OUTSTANDING PUBLICATIONS IN BASIC SCIENCES

- Factor Xa inhibition prevents adverse myocardial remodeling by pressure overload. A new therapeutic strategy?, [86](#)
- Could the inhibition of microRNAs be a treatment option for heart failure in the future?, [184](#)
- Myocardial trabeculae: more than a remnant of myocardial embryological Development, [400](#)
- Cardiac effects of empagliflozin in heart failure with preserved ejection fraction, [477](#)
- PPAR Receptors and the Causal Relationship between Vascular Dysfunction and Salt-induced Hypertension, [576](#)

SAC PRESIDENT'S LETTER

- SAC President's 2020 Opening Speech, [87](#)
- The SAC in times of COVID, [185](#)
- Facing the Collateral Damage, [276](#)
- SAC Reloaded, [400](#)
- Reflections and Challenges, [478](#)
- Navigating in Bad Weather (Closing Speech of the 2020 SAC Academic Ceremony), [577](#)