



# Index of Contents

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

## EDITORIALS

- EPICOR Study: What Does It Tell Us About Acute Coronary Syndrome in Argentina?, **1**
- Heart Failure. Different Aspects of the Same Problem, **4**
- 2018 Dr. Pedro Cossio Foundation Award, **91**
- When a Measure is Consequential, **94**
- Right Ventricular Outflow Tract Stenting as an Option to Blalock-Taussig Shunt for Tetralogy of Fallot, **96**
- Aiming at Excellence in the Management of Pulmonary Thromboembolism, **98**
- Iron deficiency and pulmonary hypertension, **177**
- Respect or Resect or Resect with Respect, **179**
- The implementation of primary Percutaneous Coronary Intervention services in Argentina: a real Challenge, **181**
- State-of-the-art TAVI - How Much Minimalism is Enough?, **251**
- Searching for the Best Strategy for Patients with Severe Aortic Stenosis, **253**
- Validation and Updating of Clinical Prediction Models: Why and How?, **256**
- Repair, Repair then Replace, **333**
- Cardiac Fatigue in Athletes: A Reality We Must Think About, **403**
- Stress Echocardiography: Back to the Future **406**
- patients with Decompensated Heart Failure, **131**
- Acute Pulmonary Embolism in Argentina. XX Conarec Registry, **136**
- Iron Deficiency is Highly Prevalent in Patients with Pulmonary Arterial Hypertension, **182**
- Leaflet Resection versus Chordal Replacement for Degenerative Mitral Regurgitation: Long-term Outcomes According to the Technique Used, **187**
- Results of the First Patients with Suspected Acute Coronary Syndrome Evaluated with the 1-hour Algorithm Proposed by the European Society of Cardiology, 193 Cardiovascular Risk Factors in University Students, **199**
- Stent-Save a Life! Argentina Initiative, **205**
- Percutaneous Mitral Valve Repair: Initial Experience with MitraClip™, **212**
- Association between Mean Platelet Volume and Resistance to Aspirin and P2Y12 Receptor Inhibitors in Elderly Patients with Acute Coronary Syndrome, **258**
- Minimalist Approach for Percutaneous Aortic Valve Implantation, **265**
- Single-Arm Meta-Analysis of Argentine Studies Reporting In-Hospital Mortality After Aortic Valve Replacement in Low and Intermediate Risk Patients, **271**
- Development and External Validation of a Predictive Score of Postoperative Mediastinitis in Cardiovascular Surgery Derived from the XVI CONAREC Multicenter Registry, **281**
- 2010-2017 Evaluation and Accreditation of Cardiology Residencies, **287**
- Validation of the GRACE Score (Global Registry of Acute Coronary Events) as Predictor of In-hospital Mortality in Acute Coronary Syndromes in Buenos Aires, **291**
- Risk Factors of Unfavorable Outcome in Children with Mitral Valve Repair, **334**
- Aortic Diameters in Elite Athletes, **339**
- Diabetes Mellitus Impact in Patients Undergoing Percutaneous Coronary Intervention, **343**
- Predictors for the Use of New Direct Anticoagulants in Atrial Fibrillation and Their One-Year Adherence, **351**
- Pacing Swan-Ganz Catheter in Minimally Invasive Mitral Valve Surgery, **356**
- First Argentine Experience with Del Nido Cardioplegia in Adults. Comparison with Buckberg Cardioplegia, **362**
- Prognostic Value of Longitudinal Strain Measured by Velocity Vector Imaging, in Asymptomatic Severe Aortic Stenosis with Preserved Ejection, **408**
- Long-term Non-invasive Hemodynamic Evaluation of Left Endocardial Cardiac Resynchronization Therapy, **414**
- Bicuspid Aortic Valve: Prolapse and Aortic Valve Calcification are Markers of Significant Valve Dysfunction and Major Cardiovascular Events at 5 Years, **421**
- Two-dimensional Strain Echocardiography in the Evaluation of Ventricular Function in Patients with Newly Diagnosed Hereditary Hemochromatosis, **429**
- Cardiac Fatigue in Ultra-Marathon Runners Measured with Novel Techniques in Echocardiography , **436**

## EDITOR'S LETTER

Mythology and Cardiovascular Images, **401**

## ORIGINAL ARTICLES

- Prospective Registry of Antithrombotic Therapy in Acute Coronary Syndromes (EPICOR), **6**
- Oral Anticoagulation in Endovascular Aortic Reinterventions, **15**
- Comparison of Two Argentine Registries on Myocardial Infarction: the 2011 SCAR Registry and the 2015 ARGENTIAM-ST Registry, **19**
- Efficiency and Safety of Radial Access versus Femoral Access in Percutaneous Coronary Intervention, **26**
- Prognostic Value of Clinical Presentation in Acute Heart Failure Syndromes, **33**
- Impact of Allostatic Load on Cognitive Level, Memory and Left Ventricular Mass, **40**
- Relationship of Interleukin-6 G-174C and G-572C and Interleukin-1 C-511T and C+3953T Polymorphisms with Ischemic Heart Disease in Quito, Ecuador, **100**
- Cardiotoxicity Alerts during Treatment with Trastuzumab in Breast Cancer at Four-year Follow-up, **105**
- Mechanisms of Dysfunction and Prognostic Markers in Bicuspid Aortic Valve, **111**
- Validation and Comparison of Two Risk Stratification Models in ST Segment Elevation Myocardial Infarction, **119**
- Right Ventricular Outflow Tract Stenting in Severe Tetralogy of Fallot: an Option to the Blalock-Taussig Shunt, **125**
- Estimation of Kinetic Glomerular Filtration Rate in Pa-

- The Behavior of Regional Longitudinal Strain Depends on Coronary Flow Reserve in a Simultaneous Analysis during Dipyridamole Stress Echocardiography, **442**

#### BRIEF REPORT

- Characteristics of Adults Older Than 75 Years in the ARGEN-IAM-ST Registry, **47**
- Abnormal ECG Findings in Amateur Athletes: Comparison of the 2013 and 2017 Seattle Criteria, **145**
- Initial Single-center Experience with Premeasured Chordal Loops for Mitral Valve Repair, **219**
- Formula to Correct Left Ventricular Ejection Fraction in Patients with Mitral Valve Regurgitation, **223**
- Cardiac Arrest within the First 24 Hours after Hospital Admission in ST-segment Elevation Acute Coronary Syndromes. The ARGEN-IAM-ST Registry, **227**
- Heart Transplantation in Adult Patients with Congenital Heart Disease, **300**
- Evaluation of Strategies to Reduce Reperfusion Times in ST-Segment Elevation Acute Myocardial Infarction. Mobile Health Experience (mHealth), **305**
- Anticoagulant Treatment of Atrial Fibrillation: Uses and Habits of Cardiologists, **366**
- Usefulness of the Echocardiographic Calcium Score as Predictive Tool for Obstructive Coronary Artery Disease, **449**
- Left Atrial Function by Speckle Tracking in Liver Cirrhosis. A Crosssectional Study, **453**

#### IMAGES IN CARDIOLOGY

- Pulmonary Artery Aneurysm in an Adult Patient, **58**
- Acute Myocardial Infarction in an Adolescent with Kawasaki Disease, **149**
- Traumatic Rupture of the Tricuspid Valve, **230**
- Percutaneous Removal of Knotted Swan-Ganz Catheter, **309**
- Apico-Aortic Conduit as an Option in Severe Aortic Stenosis, **377**
- Constrictive Pericarditis with Apical Aneurysmal Dilatation of the Right Ventricle, **477**

#### OPINION ARTICLE

- The Value of Consciousness in Health-Disease, **55**
- Driving Vehicles in Patients with Implanted Cardioverter Defibrillator. Is It All the Same?, **150**
- A Breakthrough in the Pathogenesis of Ischemic Heart Disease: the MINOCA and INOCA Challenge, **374**
- Artificial Intelligence in Cardiac Imaging: the Future is Here, **469**
- Narrative in the Doctor-Patient Relationship, **474**

#### SPECIAL ARTICLE

- Sudden Death is Uncommon in Chronic Chagas Disease without Evident Heart Disease, **52**
- Aviation and Cardiac Surgery: What Can Be Transferred from One to the Other To Improve Safety?, **371**
- Stress Echo Comprehensive Software (SECS) for state-of-art ABCDE protocol, **457**

#### REVIEW ARTICLE

- Lung Ultrasound in Cardiology: A Window to Pulmonary Edema, **463**

#### SCIENTIFIC LETTERS

- Serum Lactate as Prognostic Predictor in ST-Segment Elevation Acute Myocardial Infarction, **59**
- Mechanical Thrombectomy in Moderate-Risk Pulmonary Thromboembolism Therapy, **60**
- Brugada Phenocopy, **62**
- Superior Thyroid Artery Pseudoaneurysm Secondary to Jugular Vein Catheter Cannulation, **63**

- In-Hospital and 30-Day Mortality After Percutaneous Aortic Valve Implantation. Usefulness of Different Surgical Risk, **152**
- Surgical Treatment of Chagasic Cardiomyopathy, **154**
- Takotsubo Syndrome in Postoperative Mitral Valve Repair, **155**
- Correlation of Cardiac Output Measured by Thermodilution and Non-Invasive Continuous Monitoring, **231**
- Polymorphic Ventricular Tachycardia and Long QT Syndrome Associated with Clarithromycin Therapy, **232**
- Atrial Myxoma as a Cause of Acute Myocardial Infarction, **234**
- Experience with Percutaneous Aortic Valve Implantation in Patients with Severe Aortic Stenosis at High Surgical Risk in a Rural Community, **310**
- Intoxication with Psychotropic Drugs and Indication for ECMO, **312**
- Neonatal Aortic Coarctation: A Case Report, **313**
- Gonococcal Endocarditis: A Rare Complication of an Emerging Disease, **315**
- Late Survival of Aortic Valve Replacement in a Community Hospital, **378**
- Cardiovascular Health Status in 3,168 Outpatients Attended for the First Time in a Cardiovascular Center of Guayaquil - Ecuador from 2012 to 2018, **379**
- Percutaneous Management of Prosthetic Valve Dysfunction in Mitral Position: Transapical Mitral Valve-In-Valve Implantation, **380**
- Refractory Neonatal Atrial Flutter, **382**
- Transcaval Transcatheter Aortic Valve Replacement, **383**
- Takotsubo Syndrome in an Infant with Severe Hyponatremia, **480**
- Bilateral Partial Anomalous Venous Drainage in an Adult Patient: a Rare Entity, **482**
- Simultaneous Multi-Vessel Coronary Thrombosis, Resolved with Rescue Angioplasty, **484**

#### BOOK REVIEW

- Neurocardiology. Physiopathological aspects and clinical implications, **66**
- The Explorer of the Heart. Francisco Torrent Guasp Biography, **158**
- Myocardial Torsion. Anatomic-functional Research, **478**

#### LETTERS TO THE EDITOR

- Ventricular Aneurysms in Chagas Heart Disease, **318**
- Weakening of the Cardiology Residencies, **486**

#### IN MEMORIAM

- Dr. Jorge Omar Vilariño, **160**
- Ricardo Liendo (1955-2019), **386**

#### SAC PRESIDENT'S LETTER

- SAC President's 2019 Opening Speech, **68**
- The Female Doctor and the Female Patient, **161**
- Medical Education in the Digital Era, **236**
- What does the SAC do for us?, **320**
- Research in Medicine: An Essential Tool, **387**
- 2019 Academic Ceremony Speech, **487**

#### RAC DIRECTOR'S LETTER

- Social Determinants of Health. Should Doctors Get Involved?, **71**
- Continuity of Care. Still Crucial or a Useless Nostalgia?, **163**
- Healthy Diets and Sustainable Food Production for the Health of Our Population and Planet, **237**
- Trust Is Needed to Interact with Patients and with Other Physicians, **321**
- Poverty Makes People Sick and Also Kills Them: It is Time

- to Take it Into Consideration, 388
- Is Preventing Heart Failure a Real Option? Is Preventing Heart Failure a Real Option?, 489

**OUTSTANDING PUBLICATIONS.** Clinical Cardiologist Viewpoint, 74, 168, 241, 324, 392, 494

**OUTSTANDING PUBLICATIONS IN BASIC SCIENCES**

- Combined Use of Sacubitril and Valsartan in Acute Myocardial Infarction, 84
- Renal Denervation and Heart Failure, 176
- Remote Perconditioning. New Benefits in Ischemic Heart Disease with Potential Clinical Extrapolation, 250
- Microvascular Injury by High Sodium Intake in Normotensive Patients. Role of Nitric Oxide and Oxidative Stress, 332
- Autonomic Reflexes in Ventricular Extrasystoles as Possible Cause of Cardiomyopathy, 400
- Treatment of Atrial Fibrillation with Calcium Channels Blockers, 498