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Research Article

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[An Updated Systematic Review and Meta-analysis of the Short- and Long-term Outcomes of Percutaneous Coronary Intervention for Patients with Severe Left Ventricular Systolic Dysfunction](#)

Published On: November 06, 2018 | Pages: 073 - 080

Author(s): Nuremanguli Abudukeremuş, Zi- Xiang Yu1§, Yi-Ning Yang, Siew- Pang Chan, Xiao-Mei Li, Fen Liu, Yi-Tong Ma*

Background: Coronary artery disease (CAD) is the most common cause of left ventricular dysfunction (LVD). Conflicting evidence exists with regards to available treatments and patient prognosis. Revascularization may improve ventricular function while coronary artery bypass surgery (CABG) has significantly improved survival. The effectiveness of percutaneous coron ...

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[The prevalence, clinical profile and surgical outcomes of children presenting with vascular ring and pulmonary sling](#)

Published On: November 05, 2018 | Pages: 067 - 072

Author(s): Chinawa JM*, Agarwal V, Garekar S, Gaikwad S and Trivedi B

Background: Vascular anomalies are rare abnormalities which present with inspiratory stridor and recurrent respiratory tract infection. They are the commonest causes of mortality and morbidity in children due to misdiagnosis. They comprise about less than 4% of congenital heart diseases. The commonest of these anomalies were vascular ring and pulmonary sling. ...

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[Interdisciplinary stepwise approach for an effective and safe Mechanical](#)

[Transvenous Lead Extraction](#)

Published On: October 30, 2018 | Pages: 059 - 063

Author(s): Valentino Borghetti*, Giovanni Carreras, Chiara Marini, Stefano Donzelli, Giancarlo D'Addario, Enrico Boschetti and Alessandro Pardini

Aims: Mechanical force applied during leads removal is the main cause for major complications and cardiovascular injuries. Aim of this study was to retrospectively analyse safety and effectiveness of a stepwise interdisciplinary approach for mechanical transvenous lead extraction. ...

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[Troponin Levels in Patients in Acute Phase of Stroke](#)

Published On: October 26, 2018 | Pages: 053 - 058

Author(s): Edyta Dziadkowiak*, Justyna Chojdak, Maciej Guziski, Katarzyna Lewczuk, Leszek Noga, Alicja Kostecka and Bogusaw Paradowski

Background and Purpose: The purpose of this study was to assess the correlation of cTn levels in the acute phase of ischemic stroke with the extent of stroke, the degree of disability assessed on the modified Rankin Scale, and their prognostic significance. ...

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[Valsalva Maneuver in diastolic heart failure, diastolic dysfunction and systolic heart failure clinically BNP and echocardiography](#)

Published On: October 18, 2018 | Pages: 048 - 052

Author(s): Hosam I kandil, Mohamed M Abd el ghany, Hussein Risk, Reham M darwish, Dina Osama and Manal A Ibrahim*

Background: Valsalva maneuver one of the oldest method to diagnose heart failure, it's cheap ,non-invasive ,bedside tool .Its well-studied in systolic heart failure patients which showed abnormal response either square wave or absent phase IV ,however in diastolic heart failure and diastolic dysfunction were not investigated

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[Sacubitril/Valsartan versus enalapril in nonischemic heart failure in Paradigm-Hf trial](#)

Published On: October 18, 2018 | Pages: 046 - 047

Author(s): Mohammed Habib*

Background: We compared the angiotensin receptor–neprilysin inhibitor LCZ696 (sacubitril/valsartan) with enalapril in patients who had nonischemic heart failure with a reduced ejection fraction ...

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[Disparity between estimates and measures of maximum heart rate in pilots with coronary artery disease](#)

Published On: October 18, 2018 | Pages: 039 - 045

Author(s): Jeffrey Dwyer*

Background : Several studies indicate that HRmax estimates using the traditional equation, $HR_{max} = 220 - \text{Age}$, may represent a regression slope and intercept that does not reflect the true relationship between age and maximal cardiac frequency. Meta-analysis of several pertinent studies indicates that $220 - \text{Age}$ significantly under-estimates the true HRmax, particularly in ol ...

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[Frequency of Ventricular Arrhythmias in Acute Myocardial Infarction and its relationship with Hypokalemia](#)

Published On: October 05, 2018 | Pages: 036 - 038

Author(s): Muzaffar Ali*, Muhammad Umer, Usman Mahmood Butt, Shahzad Tawwab, Mamoon Akbar Qureshi and Zubair Akram

Introduction: Arrhythmic complications of acute myocardial infarction like ventricular arrhythmias are common and determine the clinical outcome. The associated risk factors like potassium level may help triage the patients to reduce mortality. ...

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Review Article

[The Ventricular Function of the “Athlete’S Heart”. Part I: Systolic Function](#)

Published On: December 15, 2018 | Pages: 088 - 093

Author(s): Francisco Javier Calderón Montero*

The knowledge of the so-called “athlete’s heart” has been linked to the application of diagnostic techniques in cardiology. Perhaps, it is necessary to keep in mind that the “athlete’s heart” is a physiologically “healthy” heart. The figure 1 shows the parameters that determine the mean arterial pressure. Physical exercise is the only physiological circumstance that pr
...

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[Cardio-diabetology: New subspecialty and collaborative work to defeat the burden of deadly duo](#)

Published On: November 24, 2018 | Pages: 081 - 084

Author(s): Han Naung Tun*

Cardiovascular disease (CVD) is one of the most global threatened diseases; particularly coronary artery disease (CAD) is a major deadly attack around the world. Diabetes mellitus (DM) is associated with a 2 to 4-fold increased mortality risk

from heart disease. Diabetes related microvascular complication is seemed to be a hazardous factor for cardiovascular system an ...

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[Nature of Human Gut Microbiome: How do they play in Cardiovascular Disease?](#)

Published On: November 05, 2018 | Pages: 064 - 066

Author(s): Han Naung Tun*

Cardiovascular disease is the number one killer of death around the world. Most of the cardiovascular diseases are caused by sedentary life style, bad eating habit, tobacco smoking, high alcohol intake, dyslipidemia and genetic factors .Recently the idea of human microbiome science has emerged in diseases pathogenesis ...

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Case Report

[Open Access](#) | [Case Report](#) | PTZAID:JCMC-5-178

[The Buddy Ballooning Technique- A simple debulking technique](#)

Published On: December 08, 2018 | Pages: 085 - 087

Author(s): Vincent Dangoisse

The author describes a simple and inexpensive way to deliver high pressures within an atherosclerotic coronary artery and reports two cases. The technique used two non-compliant (NC) balloons placed in parallel and inflated together within the same coronary segment. The cases illustrate two possible indications for the technique: lesion resistant to one adequately siz ...

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