In this issue

Research Article

**Ventricular Septal Rupture Complicating Acute Myocardial Infarction in a Tertiary Care Hospital of Nepal**

Published On: March 30, 2017 | Pages: 013 - 016

Author(s): Laxman Dubey*, Ridhi Adhikari, Sogunuru Guruprasad and Gangapatnam Subramanyam

Background: Ventricular septal rupture is a rare but fatal mechanical complication of acute myocardial infarction. Although the incidence has decreased, the mortality rate from ventricular septal rupture has remained extremely high. ...

**The Use of New Technologies in the Study of Pregnancy Disorders: The OMICS Approach**

Published On: February 08, 2017 | Pages: 001 - 004

Author(s): Silvia Visentin*, Maria Caterina Bongiorno, Maria Calanducci, Loris Marin and Erich Cosmi

The “omics” technologies represent a new model of approach in the study of human disease. Metabolomics is defined as the quantitative measurement of the dynamic metabolic response of living systems to genetic, physical, pathological or developmental factors. ...

**Sinoatrial Blocks in Hyperthyroidism Treated with Beta-Blockers: A Case of**
**Paradoxical Treatment**

Published On: March 16, 2017 | Pages: 010 - 011

Author(s): Caterina Chiara De Carlini*, Ester Meles, Roberto Galbiati, Marco Di Sabato, Gaetano Gentile, Andrea Farina and Stefano Maggiolini

We describe an interesting case of a 52 year-old patient affected by thyrotoxicosis crisis, in whom sinoatrial blocks were associated with syncope and treated efficiently with beta-blockers. ... 

**Extraction of an Infected Active Fixation Coronary Sinus Lead with the Aid of a Tissue Stabilizer**

Published On: February 09, 2017 | Pages: 005 - 007

Author(s): Stefania Blasi, Maurizio Levantino, Luca Paperini, Maria Grazia Bongiorni and Uberto Bortolotti*

We present a 49-year-old man who required extraction of a cardiac resynchronization device due to lead infection. While 2 leads were successfully retrieved by a transvenous approach the third one with active fixation and entrapped into a coronary sinus side-branch ...

**Carditis in Zika Virus Infection**

Published On: March 30, 2017 | Pages: 012 - 012

Author(s): Somsri Wiwanitkit* and Viroj Wiwanitkit

Dear Editor, the Zika virus infection becomes a big global problem at present. The clinical manifestation of this infection can be from asymptomatic to severe acute febrile illness with hemorrhagic complication. ...
Can Strict Control of Renalase Present a New Treatment Alternative in Regulating Blood Pressure?

Published On: March 14, 2017 | Pages: 008 - 009

Author(s): Suleyman Aydin* and Suna Aydin

Blood pressure is the pressure the blood in arteries applies on vessels. Abnormal blood pressure is a major public health problem commonly encountered in the population with normal blood pressure and intensive care patients. ...