

News

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Full Professor Pablo Pomerantzeff and colleagues publish in the INNOVATIONS Journal

The journal Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery published in the March/April 2010 issue the article “Tangential Triangular Resection: An Option to Treat the Giant Left Atrium”, authored by Dr. Pablo Pomerantzeff, Carlos Manuel Brandão, Marco Guedes and Noedir Stolf. The study shows the technique of tangential triangular resection developed by cardiovascular surgeons of Incor for the correction of giant left atrium. It is noteworthy that the illustration of the Case Report has been chosen by the editors of Innovations to compose the cover of the Journal (Figure 1).

The Brazilian Journal of Cardiovascular Surgery congratulates the colleagues who have shown once again through this achievement, the strength of cardiac surgery in Brazil.

The abstract can be accessed by the link http://journals.lww.com/innovjournal/Abstract/2010/03000/Tangential_Triangular_Resection_An_Option_to.11.aspx

March/April 2010

Tangential Triangular Resection: An Option to Treat the Giant Left Atrium

Pomerantzeff, Pablo M. A. MD, PhD; Brandão, Carlos M. A. MD; Guedes, Marco A. V. MD; Stolf, Noedir A. G. MD, PhD

Abstract

A 21-year-old woman presented with congestive heart failure caused by congenital mitral and tricuspid insufficiency, associated with great left atrium enlargement. Transthoracic echocardiogram revealed heart dextroversion associated with mitral and tricuspid severe insufficiency and left atrium enlargement (14 cm), confirmed by magnetic resonance study. The left atrium was reduced by a tangential triangular resection of the posterior wall, between the

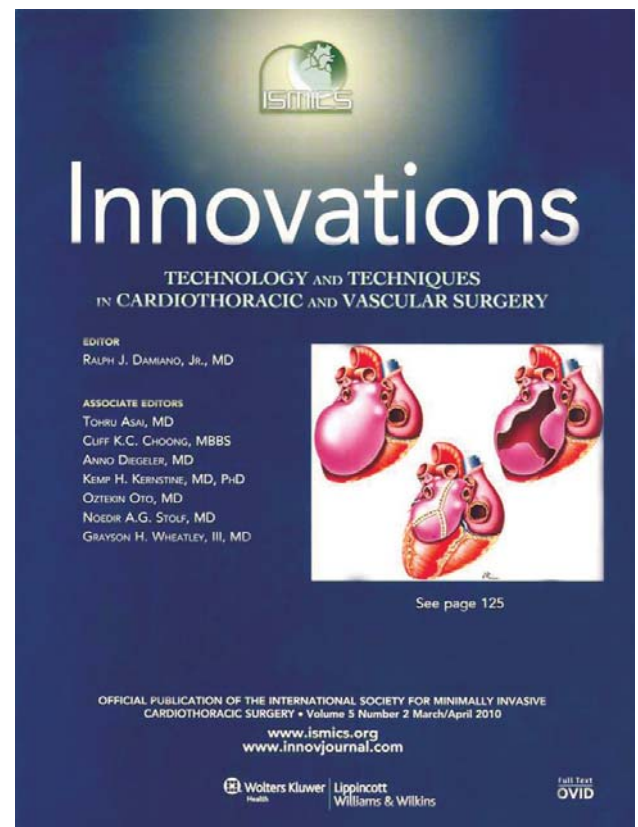


Fig.1 - Front cover of the issue 5 (2) of the Innovations journal with the illustration of the technique developed at Incor

pulmonary veins, suturing the edges of the left atrium with bovine pericardium strip reinforcement. Mitral and tricuspid valves were repaired. The postoperative course was uneventful, and the patient was discharged in the 15th postoperative day. A control magnetic resonance study revealed a 50% reduction in left atrium size. Evolution of left atrium resection is excellent, with low recurrence of arrhythmias, embolism, or heart failure.

Study by Dr. Paulo Pêgo Fernandes and colleagues receives award in Congress of Socesp

In the last Congress of the Cardiology Society of the State of São Paulo (SOCESP), held in São Paulo, SP, from April 29 to May 1, the study “Left cervical-thoracic sympathetic block by clamping: a new surgical treatment for systolic heart failure?”, written by Germano Emílio Conceição Souza, Paulo M. Pêgo-Fernandes, Luiz Felipe Pinho Moreira and colleagues, received the “Best Applied Research Award Luiz Veneré Decourt”.

The study that had already been highlighted at the last congress of the STS, in January of this year, aims to evaluate the feasibility and safety of the left cervical-thoracic sympathetic block by clipping via thoracoscopy in patients with systolic heart failure, in addition to explore its effect on the cardiovascular system. The study is ongoing and, up to now, 12 patients have been included. Partial results suggest that the procedure is feasible and safe, and could

become a surgical alternative in systolic heart failure, requiring larger samples for evidence.

The award honors Professor Luiz Décourt, a pioneer of cardiology in Brazil, who was Professor of Clinical Medicine at Faculty of Medicine, University of São Paulo. He has published over 300 papers in national and international scientific journals and, within 40 years of academic career, he has trained thousands of cardiologists and researchers. In the 50s, he idealized the INCOR together with Professor Euryclides de Jesus Zerbini, a hospital that began operating in 1978. His work was marked by humanism, showing commitment and passion for medicine throughout his career. Professor Décourt died aged 95 in May 2007, leaving as his legacy a lesson in professionalism, dedication, uprightness of character and humanism.

Study by Dr. João Breda receives award at the V Integrated Cardiovascular Repair Workshop 2010

The study of the Brazilian cardiovascular surgeon João Roberto Breda, Professor of Cardiovascular Surgery at Faculty of Medicine of ABC, and colleagues, entitled “Comparison of uniatrial and biatrial surgical ablation in the treatment of atrial fibrillation: Initial Results”, received the award for best “paper” at V Integrated Cardiovascular Repair Workshop 2010. The study was performed at Hospital Mario Covas, Santo André, SP.

The event took place between March 27 and 25, in Maryland, USA, and brought together experts from 20 countries. The aim was to discuss the techniques of minimally invasive cardiac surgery and its integration with other procedures, particularly those involving technical hemodynamics. In addition to lectures and interactive

presentation of clinical cases, the programming involved the presentation of 39 studies previously approved by the Scientific Committee of the Congress, as oral mini-conference and poster presentations.

Ablation of atrial fibrillation was the subject of two publications in the Brazilian Journal of Cardiovascular Surgery (BJCVS): Breda JR, Ragoonette RG, Breda ASCR, Gurian DB, Horiuti L, Machado LN, et al. An initial assessment of surgical biatrial radiofrequency ablation of atrial fibrillation. *Rev Bras Cir Cardiovasc.* 2010;25(1):45-50 and Breda JR, Breda ASCR, Meneguini A, Freitas ACO, Pires AC. Surgical ablation of atrial fibrillation by radiofrequency. *Rev Bras Cir Cardiovasc.* 2008;23(1):118-22 and represents a subject of great interest in our institution.