

Treatment of atrial fibrillation mitral valve insufficiency in rheumatic patients

Mario Cesar Santos de Abreu ¹, Marcus Vinicius Przepiorka Vieira ², Joao Lucas Pedreira de Cerqueira Abreu ³, Yasmin de Souza Lima ⁴, Antonio Carlos Oliveira Tanner ⁵, Mario Castro Carreiro ⁶

1. Associate professor IV, Department of Surgery, Federal university of Bahia.
2. Resident of Cardiac Surgery at Federal University of Porto Alegre (RS), Brazil.
3. Medicine student at the University of Salvador (UNIFACS), Bahia, Brazil.
4. Medicine student at Federal University of Bahia.
5. Coordination of ICU at hospital Evangelico Da Bahia.
6. Chief of Department of Surgery at Federal University of Bahia.



Abstract

INTRODUCTION: The mitral insufficiency as a result of the rheumatic fever in young population has important complications augmenting the morbidity and mortality of the valvar disease. In our country, Brazil, it is observed a high incidence of rheumatic fever with secondary valvular lesions – MITRAL INSUFFICIENCY (MI) as well. **OBJECTIVE:** This study aims to demonstrate particular aspects of this surgical technique and effectiveness in a group of patients, without the need for modern radiofrequency and other methods of ablation; **METHODOLOGY:** Throughout the years 1997 and 1998, 17 patients underwent surgery for mitral valve and or aortic valve disease. All patients were diagnosed with chronic AF and increased left atrium (LA). **THE TECHNIQUE:** The technique consisted of performing a cross-section of the left atrium, with partially surrounded the pulmonary veins. **CONCLUSION:** The partial atrial pulmonary vein isolation proved to be effective in this group of patients, similar to what is observed in the percutaneous treatment of atrial fibrillation. This technique proved to be an alternative in the treatment of Atrial Fibrillation in patients with valvular disease. After one year, 76,4% of patients were in sinus rhythm.

Biography:

Dr. Mario Cesar Santos de Abreu is an Assistant professor, Department of Surgery, Federal University of Bahia. His interests is in atrial fibrillation, mitral insufficiency, atrial pulmonary vein, Cardiac Congenital, Critical Care, Thoracic, Vascular, Electrophysiology/arrhythmia, Basic science. He is a member of Brazilian Society of Cardiovascular Surgery, Cardiothoracic Surgery Network.

Speaker Publications:

1. "Anatomic Descriptive Technique Using the Posterior Leaflet of Mitral Valve to Tailor and Construction of a Posterior Bi-Leaflet for Correction of Mitral Valve Insufficiency."
2. "Retroca valvular."
3. "Auxiliar device for cardiovascular surgery."
4. "Replacement of heart valves prostheses."

[3rd World Heart Rhythm Conference](#); Webinar- November 09-10, 2020.

Abstract Citation:

Mario Cesar Santos de Abreu, Treatment of atrial fibrillation in mitral valve insufficiency in rheumatic patients, Heart Rhythm 2020, 3rd World Heart Rhythm Conference; Webinar- November 09-10,2020.

<https://heartrhythm.cardiologymeeting.com/>

