

21st International Conference on

Clinical and Experimental Cardiology

November 06-07, 2017 | Las Vegas, USA

Case report: Case of coronary revascularization in a patient with *Situs inversus totalis* in a Brazilian hospital

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Statement of the problem: Situs Inversus with dextrocardia is a very uncommon situation that affects 1/10000 habitant. The incidence of cardiovascular coronary disease in this population is the same as in the general population, but because of the low frequency of people with Situs Inversus, the combination of these two diseases became a very rare situation. According to PubMed there were just 33 case reports of cardiovascular coronary disease in person with *Situs Inversus Totalis*, and just 20 reported cases of coronary bypass surgery. The propose of this case report is to relate a 55 years old female with *Situs Inversus Totalis* and a history of two previous percutaneous coronary intervention (PCI), that became more symptomatic, presenting stable angina, a catheterization evidencing severer triarterial disease and serious left stem atherosclerosis.

Methodology & Theoretical Orientation: Case report in a Brazilian hospital, reported after the patient signs the informed consent and with approval of Hospital São José ethics committee.

Findings: Was performed a coronary bypass surgery, with four bypasses, one using as arterial conduit the left internal thoracic artery and three using saphenous vein in the following distribution: anterior descending artery, diagonal artery, ramus diagonalis and posterior descending artery. This operation was performed with 55 minutes of extra corporeal circulation. The patient was discharged from hospital five days after the surgery, without complications and returned to the outpatient appointment after four months asymptomatic from the cardiovascular point of view.

Biography

Matheus Heluany has his expertise in General Surgery, and is Residente of Cardiovascular Surgery at Hospital São José in Criciúma, a city in the South of Brazil. He is graduated in Medicine by UNESC (Universidade do Extremo Sul Catarinense) and have his General Surgery Residence at Hospital São José in Criciúma. He has experience in Emergency Medicine and has worked as Attending at the biggest Emergency room at the South of Santa Catarina.

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