

## Anomalous Origin of the Coronary Arteries: Single Trunk

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### Introduction

A 68-year-old asymptomatic male patient underwent cardiac CT-scan that showed a single coronary artery in the right coronary sinus bifurcating into right and left coronary arteries. After its path between the pulmonary artery and aorta, it gave origin to the anterior descending and circumflex arteries.

With the development of new imaging methods, the diagnosis of coronary anomalies has been more common. Most of the cases have no implications; however, some may lead to myocardial ischemia or sudden death. The course between the aorta and the pulmonary artery ("malignant") may lead to arterial compression. In the case described, the patient presented this course, albeit with no symptoms.

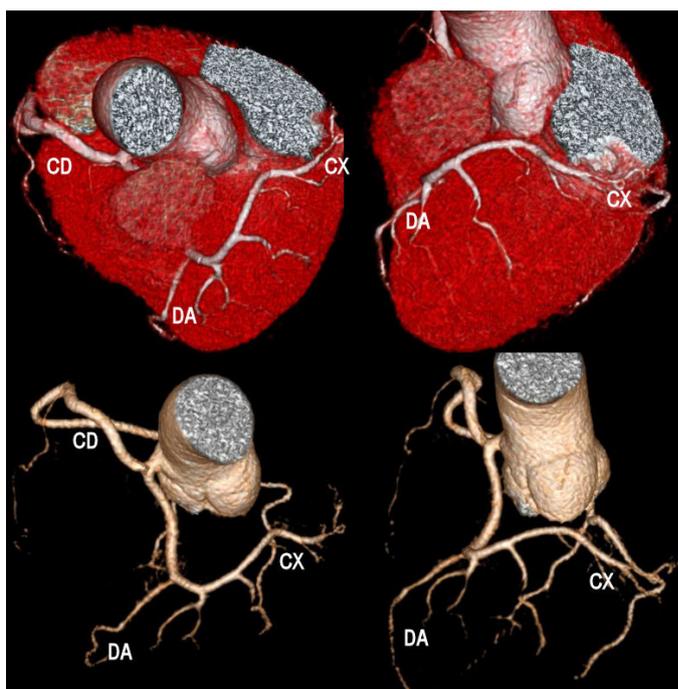


Fig 1 - Volume-rendered view of the coronary anatomy AD - anterior descending, CX - circumflex, RC - right coronary.

### Key words

Coronary sinus; coronary vessels/injuries; tomography, computed.

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