

## Clinical Image

# Aberrant Left Atrial Branch from the Left Main Trunk

Soumik Ghosh\*

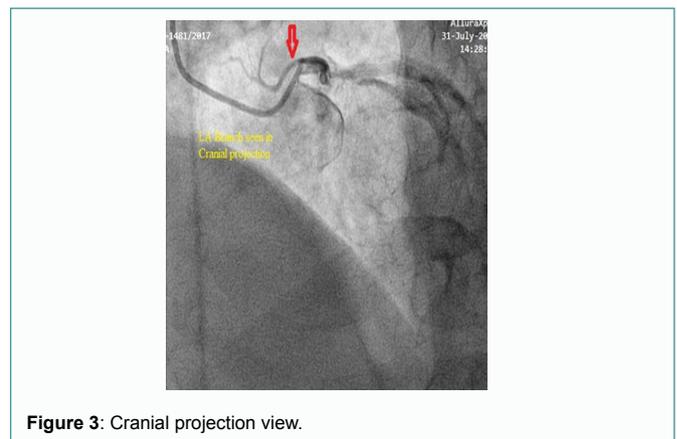
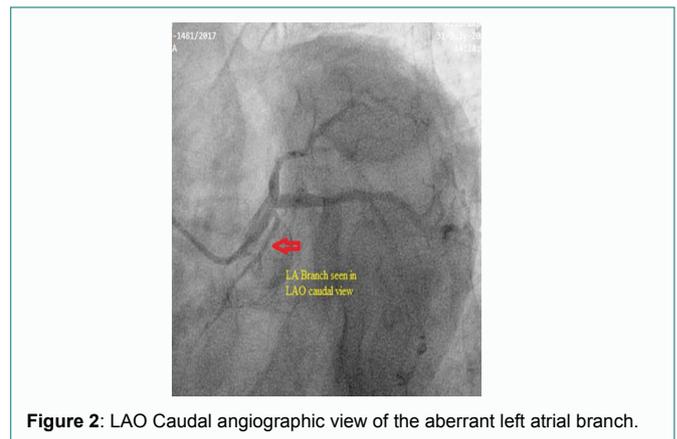
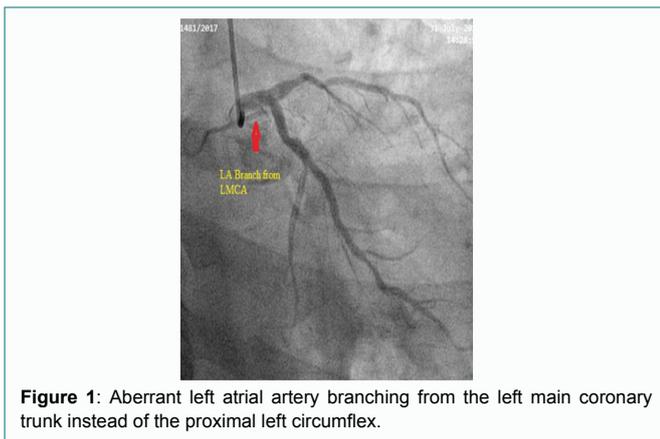
Department of Cardiology, Institute of Medical Sciences, Banaras Hindu University, India

## Clinical Image

A 58 year old gentleman with the diagnosis of chronic stable angina CCS III was referred to our centre for coronary angiography. It revealed diffuse disease in Left Anterior Descending (LAD) artery and its branches and discrete plaques in Left Circumflex (LCx) (Figure 1). The Left Main Coronary Artery (LMCA) was devoid of any significant lesion, but to the distal half of its shaft an anomalous twig was seen arising and traversing posterior and cephalad, consistent with the course of left atrial branch. The LMCA is the major arterial trunk supplying blood to majority of myocardial tissue (Figure 2). It arises from left aortic cusp and within few millimetres of length bifurcates into LAD and LCx branch. Occasionally a third branch, the ramus intermedius, arises from the point of confluence. The left atrial branch which is supposedly the part of the circumflex system, has anomalously originated from the distal left main trunk in our patient's angiographic study (Figure 3). This a rare angiographic observation only being demonstrated previously in a single report in medical literature till date [1]. The clinical significance of this angiographic variant is yet to be determined.

## Reference

1. Gholoobi A. Anomalous Origin of the Left Atrial Branch from the Left Main Trunk. J Teh Univ Heart Ctr. 2015;10(2):113-4.



**Citation:** Soumik Ghosh. Aberrant Left Atrial Branch from the Left Main Trunk. Ann Short Rep Clin Image. 2021; 3(1): 1018.

**Copyright:** © 2021 Soumik Ghosh

**Publisher Name:** Medtext Publications LLC

**Manuscript compiled:** Jan 27<sup>th</sup>, 2021

**\*Corresponding author:** Soumik Ghosh, Department of Cardiology, IMS BHU, Varanasi, India, E-mail: soumik13joy@gmail.com