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Case Report

"Vieussens ring" from isolated conus artery



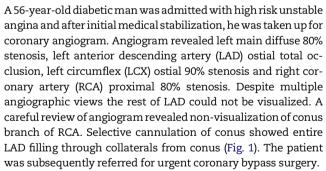
Randeep Singla a,*, Bijulal Sasidharan b

- ^a Consultant Cardiologist, Sree Chitra Tirunal Institute for Medical Sciences & Technology (SCTIMST), Thiruvananthapuram, Kerala 695011, India
- ^b Assistant Professor, Department of Cardiology, Sree Chitra Tirunal Institute for Medical Sciences & Technology (SCTIMST), Thiruvananthapuram, Kerala 695011, India

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In patients with stenosis or total occlusion of the LAD or RCA, the conus artery often serves as a principal source of collateral circulation. This collateral channels form the circle of Vieussens (or 'Vieussens ring'). In about 40% of population, conus branch can arise separately from right sinus and is called an isolated conus artery (ICA). ICA may be the exclusive source of collaterals to occluded LAD in about 6% of cases.² Under such circumstances, failure to recognize this normal variant early

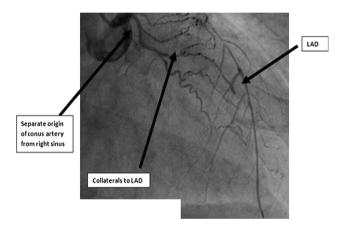


Fig. 1 – ICA collaterals to LAD.

during angiogram may result in unnecessary prolongation of procedure and additional diagnostic modalities such as CT coronary angiogram in search of non-visualized LAD.

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None.

Conflicts of interest

All authors have none to declare.

^{*} Corresponding author.

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