

Accepted Manuscript

Reconstruction of long LAD successive lesions with LIMA and SVG angioplasty: Early encouraging results

Alaa Omar, MD, Kareem Mahmoud, MD

PII: S1110-578X(16)30139-0

DOI: [10.1016/j.jescts.2016.12.002](https://doi.org/10.1016/j.jescts.2016.12.002)

Reference: JESCTS 48

To appear in: *Journal of the Egyptian Society of Cardio-Thoracic Surgery*

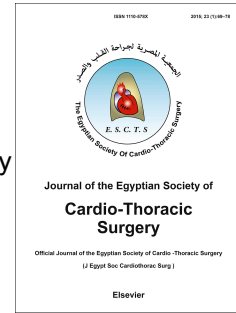
Received Date: 18 November 2016

Revised Date: 5 December 2016

Accepted Date: 11 December 2016

Please cite this article as: Omar A, Mahmoud K, Reconstruction of long LAD successive lesions with LIMA and SVG angioplasty: Early encouraging results, *Journal of the Egyptian Society of Cardio-Thoracic Surgery* (2017), doi: 10.1016/j.jescts.2016.12.002.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Reconstruction of long LAD successive lesions with LIMA and SVG angioplasty: Early encouraging results

Alaa Omar, MD*, Kareem Mahmoud, MD**

*Lecturer of cardiothoracic surgery, Faculty of Medicine, Cairo University.

** Lecturer of cardiology, Faculty of Medicine, Cairo University.

Corresponding author:

Kareem mahmoud , Giza, kareem215@yahoo.com, 010056110851

The abstract was accepted and presented at first international coronary congress , 21,22 and 23 august 2015, Marriot Marquis Times Square, New York, NY as one of AATS meetings

<http://aats.org/CoronaryCongress/program/2015/P45.cgi>

Abstract

Background: Diffusely diseased LAD with long stenotic segment or multiple successive lesions in patients indicated for CABG are commonly encountered in our practice nowadays. This is a surgically challenging situation which needs extra-ordinary anastomotic surgical strategies.

Methods: Between May 2011 and April 2014, 37 CABG patients received long anastomotic patch on LAD. In 28 patients a long LIMA layout patch was used, while in 9 patients a long piece of reversed SVG was used to reconstruct LAD with LIMA finally anastomosed to SVG used for reconstruction. 30-day post-operative mortality, post-operative myocardial infarction, post-operative need for re-opening, post-operative need for IABC and 1 year post-operative freedom from MACCE were assessed.

Results: LIMA long layout patch was the standard level of care in these cases. We used SVG patch only when LIMA had short length, a very long anastomosis up to distal quarter of the LAD is needed, or small caliber delicate LIMA. In those cases we used SVG to reconstruct LAD then LIMA was anastomosed to the SVG patch.

Download English Version:

<https://daneshyari.com/en/article/8668669>

Download Persian Version:

<https://daneshyari.com/article/8668669>

[Daneshyari.com](https://daneshyari.com)