Off-pump CABG and Zamvar pericardial fold

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Abstract

This is a free conversation with the originator of the 'Zamvar pericardial fold' on the status of Off Pump Coronary Artery Bypass Surgery. An attached video describes the technique of taking the Lima stitch through the Zamvar's pericardial fold.

Keywords Off-pump CABG · Zamvar pericardial fold · Lima stitch

Dr. Zamvar feels that both pump and off-pump techniques of coronary artery bypass surgery (CABG) are equally good for routine surgeries. However, for high-risk cases, off-pump scores over on-pump surgery. He describes the Zamvar pericardial fold for taking the deep pericardial stitch (Lima stitch—Video 1). This fold runs from the superior aspect of left superior pulmonary vein to the lower end of the left inferior pulmonary vein and is formed due to the visceral pericardium taking a double U-turn over the left-sided pulmonary veins before becoming the parietal pericardium [1]. Dr. Zamvar feels that it is not necessary for trainees to do on-

pump surgery before doing off-pump CABG. However, it does help to visit various mentors, after a certain degree of proficiency has been achieved to learn the intricate nuances of the procedure.

Reference

1. Zamvar V. The Zamvar pericardial fold. *J Cardiothorac Surg.* 2017;12:84.

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