



# Endoscopic Vessel Harvesting

The Standard of Care

GETINGE ✱

# EVH and ERAH should be the standard of care for patients who require these conduits for coronary revascularization according to the 2017 ISMICS consensus statement.<sup>1</sup>

Based on evidence from 76 studies, including over 281,000 patients, the new ISMICS consensus statement for 2017<sup>1</sup> recommends:

For saphenous vein harvesting	Class <sup>*</sup>	Level <sup>**</sup>
1. EVH should be the standard of care for patients requiring saphenous vein for CABG	I	B
2. EVH reduces wound related complications	I	A
3. EVH reduces postoperative LOS and out-patient wound management resources	I	A
4. EVH is non inferior to open vein for the quality of the conduit	IIa	B

For radial artery harvesting	Class <sup>*</sup>	Level <sup>**</sup>
1. ERAH should be the standard of care for patients requiring radial artery for CABG	I	B
2. ERAH reduces wound related complications	I	A
3. ERAH reduces postoperative LOS and out-patient wound management resources	I	A
4. ERAH is non inferior to open artery for the quality of the conduit	IIa	B

**\* Class of recommendation:<sup>2</sup>**

Class I: Conditions for which there is evidence and/or general agreement that a given procedure or therapy is useful and effective;

Class IIa: Weight of evidence or opinion is in favor of usefulness or efficacy

**\*\* Level of evidence:<sup>2</sup>**

Level A: The data were derived from multiple randomized clinical trials;

Level B: The data were derived from a single randomized study or from nonrandomized studies

1. Ferdinand FD, MacDonald JK, Balkhy HH, et al. Endoscopic Conduit Harvesting in Coronary Artery Bypass Grafting Surgery: An ISMICS Systematic Review and Consensus Conference Statements. *Innovations*. 2017; 12(5): 301-319.

2. Halperin JL, Levine GN, Al-Khatib SM et al. Further Evolution of the ACC/AHA Clinical Practice Guideline Recommendation Classification System. *Journal of the American College of Cardiology*. 2016; 67: (13): 1572-1574.