

“IT REALLY **CHANGES THE DECISION-MAKING**
IN FAVOR OF ENDOSCOPIC VEIN HARVESTING FOR
PATIENTS AND SURGEONS”

★ ★ ★ ★ —TheHeart.org

“THE RULING? THE ENDOSCOPIC APPROACH WAS
EQUALLY SAFE BUT HAD LOWER RATES OF
WOUND COMPLICATIONS”

— Cardiovascular Business

“PATIENTS WHO HAVE HAD BOTH ... **MARVEL** AT
THE DIFFERENCE IN REDUCED PAIN AND TIME
OF HEALING WITH EVH”

—Medpage Today

“THE USE OF EVH COMPARED WITH OVH WAS **NOT**
ASSOCIATED WITH INCREASED MORTALITY”

—Dacey L.J. *JAMA*. 2012 Aug 1;308(5):512-3.

“ENDOSCOPIC VEIN-GRAFT HARVEST
IS **SAFE** FOR CABG SURGERY”

—Williams JB et al. *JAMA*. 2012 Aug 1;308(5):475-84.



THE DEBATE IS OVER. EVH IS SAFE, EFFECTIVE AND PROVEN

Since 2009, five independent studies have reaffirmed that endoscopic vessel harvesting (EVH) is the proven and effective therapy for the 21st century.¹⁻⁵

- EVH does not compromise long-term revascularization outcomes.¹⁻⁵
- Equivalent survival and cardiac outcomes for EVH compared to open vein harvesting.¹⁻⁵
- Post-saphenectomy wound complications show significant superiority for EVH.^{1-3,5}

Debate closed: EVH is the standard of care for coronary artery bypass graft surgery.

MAQUET
GETINGE GROUP

Study Group Publication Year	# Patients	Average Follow Up	Findings
Queen Elizabeth II Health Sciences Center, Halifax, Nova Scotia February 2010	5,825	2.6 years	No ↑ Mortality Wound Infection ↓ 50%
INOVA Heart & Vascular Inst, Falls Church, VA June 2010	1,988	1.8 years	No ↑ Mortality Wound Infection ↓ 38%
Northern New England Cardiovascular Disease Group January 2011	8,542	4 years	No ↑ Mortality Wound Infection ↓ 82%
Blackpool Victoria Hospital, Plymouth Derriford Hospital & University Hospital of South Manchester, United Kingdom January 2012	4,709	1.8 years	No ↑ Mortality Wound Infection Not Assessed
Duke Cardiovascular Research Institute July 2012	235,394	3 years	No ↑ Mortality Wound Complications ↓ 17%

References

1. Ouzounian M, Hassan A, Buth KJ, et al. Impact of endoscopic versus open saphenous vein harvest techniques on outcomes after coronary artery bypass grafting. *Ann Thorac Surg*. 2010 Feb;89(2):403-8.
2. Ad N, Henry L, Hunt S, et al. Endoscopic versus direct vision for saphenous vein graft harvesting in coronary artery bypass surgery. *J Cardiovasc Surg (Torino)*. 2011 Oct;52(5):739-48.
3. Dacey LJ, Braxton JH Jr, Kramer RS, et al. Long-term outcomes of endoscopic vein harvesting after coronary artery bypass grafting. *Circulation*. 2011 Jan 18;123(2):147-53.
4. Grant SW, Grayson AD, Zacharias J, et al. What is the impact of endoscopic vein harvesting on clinical outcomes following coronary artery bypass graft surgery? *Heart*. 2012 Jan;98(1):60-4.
5. Williams JB, Peterson ED, Brennan JM, et al. Association between endoscopic vs open vein-graft harvesting and mortality, wound complications, and cardiovascular events in patients undergoing CABG surgery. *JAMA*. 2012 Aug 1;308(5):475-84.