

# **Traction of Ascending Aorta with Starfish Heart Positioner During Proximal Saphenous Vein Graft Anastomosis Using the PAS-Port System in Off-Pump Coronary Artery Bypass Grafting**

**Satoru Nishida, MD,<sup>1</sup> Yujiro Kikuchi, MD,<sup>1</sup> Go Watanabe, MD,<sup>1,2</sup> Yoshiko Shintani, MD,<sup>1</sup> Shigeki Ito, MD,<sup>1</sup> Shigeki Tabata, MD,<sup>1</sup> Kenji Kawachi, MD<sup>1</sup>** <sup>1</sup>Division of Cardiac Surgery, Tokyo Medical University, Tokyo, Japan; <sup>2</sup>Department of General and Cardiothoracic Surgery, Kanazawa University Graduate School of Medical Science, Ishikawa, Japan

## **Abstract**

The PAS-Port system allows for the rapid deployment of a clampless proximal anastomosis between a saphenous vein graft and the aorta. We have developed a simple technique of establishing traction of the ascending aorta with the Starfish heart positioner during proximal saphenous vein anastomosis using the PAS-Port system in off-pump coronary artery bypass grafting.