

Author's Accepted Manuscript

Acute Severe Pulmonary Arterial Hypertension During Off-Pump Coronary Artery Surgery: Is New Myocardial Ischemia, Cardiac Repositioning, or External Mitral Valve Compression the Culprit?

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PII: S1053-0770(16)00138-5
DOI: <http://dx.doi.org/10.1053/j.jvca.2016.03.007>
Reference: YJCAN3595

To appear in: *Journal of Cardiothoracic and Vascular Anesthesia*

Received date: 1 March 2016

Cite this article as: Diana Khatib, Brent T. Boettcher, Julie K. Freed and Paul S. Pagel, Acute Severe Pulmonary Arterial Hypertension During Off-Pump Coronary Artery Surgery: Is New Myocardial Ischemia, Cardiac Repositioning, or External Mitral Valve Compression the Culprit?, *Journal of Cardiothoracic and Vascular Anesthesia*, <http://dx.doi.org/10.1053/j.jvca.2016.03.007>

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Acute severe pulmonary arterial hypertension during off-pump coronary artery surgery: is new myocardial ischemia, cardiac repositioning, or external mitral valve compression the culprit?

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Running Title: MR due to mitral valve deformation

Key Words: Severe mitral regurgitation; off-pump coronary artery surgery; cardiac repositioning; myocardial ischemia; coronary artery disease; epicardial stabilization device; Octopus[®]; mitral valve deformation

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