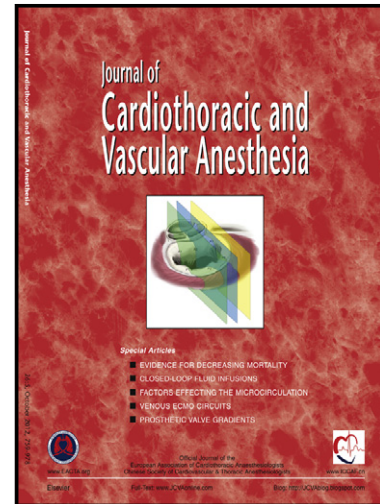


Author's Accepted Manuscript

Cardiac Resynchronization Therapy-Induced Cardiac Index Increase Measured by Three-Dimensional Echocardiography Can Predict Decreases in Brain Natriuretic Peptide

Takuma Maeda, Ryo Sakurai, Katsura Nakagawa, Kuniko Morishima, Masayuki Maekawa, Kyoko Furumoto, Toshihiko Kono, Atsushi Egawa, Yosuke Kubota, Shinya Kato, Hideo Okamura, Kenji Yoshitani, Yoshihiko Ohnishi



PII: S1053-0770(15)00856-3
DOI: <http://dx.doi.org/10.1053/j.jvca.2015.09.013>
Reference: YJCAN3433

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

Cite this article as: Takuma Maeda, Ryo Sakurai, Katsura Nakagawa, Kuniko Morishima, Masayuki Maekawa, Kyoko Furumoto, Toshihiko Kono, Atsushi Egawa, Yosuke Kubota, Shinya Kato, Hideo Okamura, Kenji Yoshitani, Yoshihiko Ohnishi, Cardiac Resynchronization Therapy-Induced Cardiac Index Increase Measured by Three-Dimensional Echocardiography Can Predict Decreases in Brain Natriuretic Peptide, *Journal of Cardiothoracic and Vascular Anesthesia*, <http://dx.doi.org/10.1053/j.jvca.2015.09.013>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Cardiac Resynchronization Therapy-Induced Cardiac Index Increase
Measured by Three-Dimensional Echocardiography Can Predict
Decreases in Brain Natriuretic Peptide**

Takuma Maeda^a, Ryo Sakurai^a, Katsura Nakagawa^a, Kuniko Morishima^a, Masayuki Maekawa^a,
Kyoko Furumoto^a, Toshihiko Kono^a, Atsushi Egawa^a, Yosuke Kubota^a, Shinya Kato^a, Hideo
Okamura^b, Kenji Yoshitani^a, Yoshihiko Ohnishi^a

^aDepartment of Anesthesiology, National Cerebral and Cardiovascular Center, 5-7-1
Fujishirodai, Suita, Osaka 565-8565, Japan

^bDepartment of Cardiovascular Medicine, Division of Arrhythmia, National Cerebral and
Cardiovascular Center, 5-7-1 Fujishirodai, Suita, Osaka 565-8565, Japan

Address correspondence to:

Takuma Maeda, MD

Department of Anesthesiology, National Cerebral and Cardiovascular Center,
5-7-1 Fujishirodai, Suita, Osaka 565-8565, Japan

Phone: +81-6-6833-5012 Ext. 8083, Fax: +81-6-6872-8175

E-mail: takuma@ncvc.go.jp

Acknowledgments: We thank Dr. Mitsuru Wada, cardiologist at the National Cerebral and
Cardiovascular Center, for his advice.

Conflicts of interest: none.

Funding: The authors declare that no financial support was received for this study.

Download English Version:

<https://daneshyari.com/en/article/5883613>

Download Persian Version:

<https://daneshyari.com/article/5883613>

[Daneshyari.com](https://daneshyari.com)