Accepted Manuscript

Effects of remote ischemic preconditioning in patients with concentric myocardial hypertrophy: A randomized, controlled trial with molecular insights

Young Song, Jong Wook Song, Sak Lee, Ji-Hae Jun, Young-Lan Kwak, Jae-Kwang Shim

PII: S0167-5273(17)31607-8
DOI: doi:10.1016/j.ijcard.2017.08.073
Reference: IJCA 25403

To appear in: International Journal of Cardiology

Received date: 12 March 2017
Revised date: 19 June 2017
Accepted date: 29 August 2017

Please cite this article as: Song Young, Song Jong Wook, Lee Sak, Jun Ji-Hae, Kwak Young-Lan, Shim Jae-Kwang, Effects of remote ischemic preconditioning in patients with concentric myocardial hypertrophy: A randomized, controlled trial with molecular insights, International Journal of Cardiology (2017), doi:10.1016/j.ijcard.2017.08.073

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 proof before it is published in its final 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.
Effects of remote ischemic preconditioning in patients with concentric myocardial hypertrophy: a randomized, controlled trial with molecular insights

Authors: Young Song, M.D. a, b, 1, Jong Wook Song, M.D., Ph.D. a, b, 1, Sak Lee, M.D., Ph.D. c, 1, Ji-Hae Jun, Ph.D. b, 1, Young-Lan Kwak, M.D., Ph.D. a, b, 1, Jae-Kwang Shim, M.D., Ph.D. a, b, 1*

Affiliations: a Department of Anesthesiology and Pain Medicine, Yonsei University College of Medicine, 50 Yonsei-ro, Seodaemun-gu, Seoul, Republic of Korea; b Anesthesia and Pain Research Institute, Yonsei University College of Medicine, 50 Yonsei-ro, Seodaemun-gu, Seoul, Republic of Korea; c Department of Thoracic and Cardiovascular Surgery, Yonsei University College of Medicine, Seoul, Republic of Korea

* Corresponding author at: Department of Anesthesiology and Pain Medicine, and Anesthesia and Pain Research Institute, Severance Cardiovascular Hospital, Yonsei University College of Medicine 50 Yonsei-ro, Seodaemun-gu, Seoul, Republic of Korea, P.O. Box 03722. E-mail: aneshim@yuhs.ac

1 All authors takes responsibility for all aspects of the reliability and freedom from bias of the data presented and their discussed interpretation.

Grant: A faculty research grant from Yonsei University College of Medicine, Seoul, Republic of Korea (6-2012-0112)

Conflicts of interest: None

Keywords: remote ischemic preconditioning, cardiac surgery, left ventricular hypertrophy, cardiac enzyme, intracellular signaling
دریافت فوری
متن کامل مقاله

امکان دانلود نسخه تمام متن مقالات انگلیسی
امکان دانلود نسخه ترجمه شده مقالات
پذیرش سفارش ترجمه تخصصی
امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
امکان دانلود رایگان ۲ صفحه اول هر مقاله
امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
دانلود فوری مقاله پس از پرداخت اینترنت به صورت کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات

ISIArticles
مرجع مقالات تخصصی ایران