

# Author's Accepted Manuscript

Intravenous Acetaminophen Does Not Decrease Persistent Surgical Pain after Cardiac Surgery

Alparslan Turan, Nika Karimi, Nicole Zimmerman, Stephanie L. Mick, Daniel I. Sessler, Negmeldeen Mamoun



PII: S1053-0770(17)30507-4  
DOI: <http://dx.doi.org/10.1053/j.jvca.2017.05.029>  
Reference: YJCAN4165

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

Cite this article as: Alparslan Turan, Nika Karimi, Nicole Zimmerman, Stephanie L. Mick, Daniel I. Sessler and Negmeldeen Mamoun, Intravenous Acetaminophen Does Not Decrease Persistent Surgical Pain after Cardiac Surgery, *Journal of Cardiothoracic and Vascular Anesthesia*, <http://dx.doi.org/10.1053/j.jvca.2017.05.029>

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.

# Intravenous Acetaminophen Does Not Decrease Persistent Surgical Pain after Cardiac Surgery

Alparslan Turan M.D.<sup>1</sup>, Nika Karimi, M.D.<sup>1</sup>, Nicole Zimmerman, M.S.<sup>1</sup>, Stephanie L. Mick, M.D.<sup>2</sup>, Daniel I. Sessler, M.D.<sup>1</sup>, Negmeldeen Mamoun, M.D.<sup>3</sup>

<sup>1</sup> Department of OUTCOMES RESEARCH, Anaesthesiology Institute, Cleveland Clinic, Cleveland, Ohio, 44195

<sup>2</sup> Department of Cardiothoracic Surgery, Cleveland Clinic, Cleveland, Ohio, 44195

<sup>3</sup> Departments of Cardiothoracic Anaesthesiology and OUTCOMES RESEARCH, Anaesthesiology Institute, Cleveland Clinic, Cleveland, Ohio, 44195

Short running title: Acetaminophen and Surgical Pain after Cardiac Surgery

Corresponding Author:

Alparslan Turan, MD,

Department of **OUTCOMES RESEARCH**, Anaesthesiology Institute, Cleveland Clinic

9500 Euclid Avenue, P-77, Cleveland, Ohio, 44195.

Telephone: (216)-445-9857

Fax (216) 444-6135

E-mail: turana@ccf.org

Download English Version:

<https://daneshyari.com/en/article/8618998>

Download Persian Version:

<https://daneshyari.com/article/8618998>

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