

Accepted Manuscript

Efficiency and safety of ketamine for pain relief after laparoscopic cholecystectomy: A meta-analysis from randomized controlled trials

Jiang Zhu, Hong Xie, Lingwei Zhang, Liuhui Chang, Peimin Chen



PII: S1743-9191(17)31448-6

DOI: [10.1016/j.ijisu.2017.11.031](https://doi.org/10.1016/j.ijisu.2017.11.031)

Reference: IJSU 4314

To appear in: *International Journal of Surgery*

Received Date: 18 August 2017

Revised Date: 30 October 2017

Accepted Date: 15 November 2017

Please cite this article as: Zhu J, Xie H, Zhang L, Chang L, Chen P, Efficiency and safety of ketamine for pain relief after laparoscopic cholecystectomy: A meta-analysis from randomized controlled trials, *International Journal of Surgery* (2017), doi: 10.1016/j.ijisu.2017.11.031.

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.

Efficiency and safety of ketamine for pain relief after laparoscopic cholecystectomy: a meta-analysis from randomized controlled trials

Jiang Zhu M.D. Ph.D., first author, Department of Anesthesiology, The Second Affiliated Hospital of Soochow University, Suzhou 215004, Jiangsu, China

Hong Xie M.D. Ph.D. , Department of Anesthesiology, The Second Affiliated Hospital of Soochow University, Suzhou 215004, Jiangsu, China

Lingwei Zhang M.D., Department of Anesthesiology, The Second Affiliated Hospital of Soochow University, Suzhou 215004, Jiangsu, China

Liuhui Chang M.D. , Department of Anesthesiology, The Second Affiliated Hospital of Soochow University, Suzhou 215004, Jiangsu, China

Corresponding author: Peimin Chen M.D. Ph.D , Department of Anesthesiology, The Second Affiliated Hospital of Soochow University, Sanxiang Road #1055, Suzhou 215004, Jiangsu, China. Email: 3523144850@qq.com

Download English Version:

<https://daneshyari.com/en/article/8832028>

Download Persian Version:

<https://daneshyari.com/article/8832028>

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