

RETRACTED ARTICLE: Anticoagulant agents for the prevention of hemodialysis catheter-related complications: systematic review and meta-analysis of prospective randomized controlled trials

Jinrui Liu¹ · Chang'an Wang¹ · Hongfei Zhao² · Jinghua Zhang¹ · Jie Ma⁴ · Yuanyuan Hou³ · Hongbin Zou⁴

Received: 18 May 2015 / Accepted: 19 October 2015 / Published online: 27 November 2015
© Springer Science+Business Media Dordrecht 2015

This article was retracted by the first author due to duplicate publication. The Editor-in-Chief and Springer were informed by the author that a similar version of the article was previously published in the *International Journal of Clinical and Experimental Medicine*.

The online version of this article contains the full text of the retracted article as electronic supplementary material.

Electronic supplementary material The online version of this article (doi:[10.1007/s11255-015-1143-5](https://doi.org/10.1007/s11255-015-1143-5)) contains supplementary material, which is available to authorized users.

✉ Hongbin Zou
zhu4663615@163.com

¹ Department of Renal Transplantation and Nephropathy, The Seventh People's Hospital of Zhengzhou City, Zhengzhou 45000, Henan, China

² Department of Blood Transfusion, The Seventh People's Hospital of Zhengzhou City, Zhengzhou 45000, Henan, China

³ Department of Pediatrics, The Second Part of the First Hospital, Jilin University, Changchun 130041, Jilin, China

⁴ Department of Nephropathy, The Second Hospital of Jilin University, Street No. 218, Changchun 130041, Jilin, China