

# Chinese Journal of Multiple Organ Diseases in the Elderly

Monthly

Established in June 2002

Volume 13 Number 10 Oct 2014

## Superintended by

Chinese PLA General Hospital  
No.28, Fuxing Road, Beijing 100853

## Sponsored by

Institute of Geriatric Cardiology, Chinese PLA General Hospital  
China Science Publishing & Media Ltd.

## Founding Editor

WANG Shi-Wen, MD, PhD, MCAE

## Editor-in-Chief

FAN Li

## Associate Editor-in-Chief

CHEN Yun-Dai

## Executive Editor

YE Da-Xun

## Managing Editor

WANG Xue-Ping

## Edited by

Editorial Office of Chinese Journal of Multiple Organ Diseases in the Elderly  
No. 28, Fuxing Road, Beijing 100853  
Tel: 010-66936756  
Fax: 010-66936756  
E-mail: zhlnqg@mode301.cn  
<http://www.mode301.cn>

## Publication and Distribution

Editorial Office of Chinese Journal of Multiple Organ Diseases in the Elderly,  
No. 28, Fuxing Road, Beijing 100853  
Fax: 010-66936756  
E-mail: zhlnqg@mode301.cn

## Printed by

Beijing Kexin Printing Co., Ltd.

## Post Subscription

Domestic Post Office  
Post code: 82-408

## CSSN

ISSN 1671-5403  
CN 11-4786/R

## Advertisement License

Jinghai Gongshang Guang No.0087

The copyright in 2014 is reserved by  
the Institute of Geriatric Cardiology  
of Chinese PLA General Hospital  
and China Science Publishing &  
Media Ltd.

## Contents

### Clinical Research

**Pharmacogenomic analysis of CYP2C19 loss-of-function allele with clopidogrel antiplatelet reactivity and efficacy in elderly patients with coronary heart disease after percutaneous coronary intervention**

..... PENG Li, ZHANG Lan-Ning, CHEN Xi, et al (721)

**Efficiency of primary percutaneous coronary intervention vs the procedure after thrombolysis in elderly patients with ST-elevation myocardial infarction**

..... GUAN Ming-Zi, HAN Ya-Ling, WANG Xiao-Zeng, et al (727)

**Safety of tirofiban in elderly patients with acute coronary syndromes in perioperative period of percutaneous coronary intervention**

..... FAN Yong-Yan, LI Yang, PENG Li, et al (732)

**Performance of National Early Warning Score in assessment of acute critical illness in the elderly**

..... WANG Li-Li, ZHU Hai-Yan, CHEN Wei, et al (738)

**Effect of hyperglycemia on infarct volume and in-hospital outcome in elderly patients with acute ischemic stroke after thrombolysis**

..... LIU Li-Li, XU Qiang, QIU Feng (742)

**Clinical significance of serum D-dimer level in elderly essential hypertensive patients with coexisting benign prostatic hyperplasia**

..... CAO Ping, SHEN Dan, ZHONG Ya, et al (746)

**Peri-operative anti-thrombotic efficiency of tirofiban for patients undergoing noncardiac surgery within 1 year after implantation of drug-eluting stent**

..... WU Long-Mei, TIAN Xin-Li, GUO Jie, et al (751)

**Multivariate analysis for differentiation syndrome in acute promyelocytic leukemia patients during induction therapy**

..... MA Yuan-Yuan, SHEN Jian-Liang (755)

**Clinical efficiency of acupuncture treatment for elderly type 2 diabetes mellitus patients with herpes zoster**

..... LI Zhu, WANG Yu-Ping (759)

**Spectra of critical illness in the elderly and corresponding countermeasures: analysis of 423 cases**

..... LIN Zi-Wei, SONG Ying-Ying, JIANG Peng-Cheng, et al (763)

**Senile degenerative heart valvular disease and multiple organ diseases: a clinical study**

..... CAO Yong-Sheng, TANG Nian-Zhong, DAI Huang, et al (768)

**Basic Research**

**Effects of adiponectin on myocardial remodeling induced by chronic intermittent hypoxia in Wistar rats**

..... ZHU Xuan-Feng, SU Mei, DING Wen-Xiao, et al (771)

**Case Report**

**A case of Kartagener syndrome**

..... LIU Wei, DENG Yong-Hong, GUO Wei (776)

**General bleeding induced by antibiotics: one case report and literature review**

..... XIAO Fei, PENG Yan, SUN Jie (778)

**Review**

**Association of mitochondrial DNA mutations with essential hypertension: a research progress**

..... ZHANG Yu-Son, CHEN Xi, LI Yang, et al (781)

**Interaction of cardiac sodium current with other ion channel currents and its clinical significance**

..... WU Zhi-Juan, Li Yang (788)

**Research progress in papillary thyroid microcarcinoma**

..... YAO Qing-Chun, JIANG Tao, DOU Jing-Tao (792)

**Relationship of obstructive sleep apnea syndrome with nervous system diseases**

..... WAN Jing (796)