

中华医学会系列杂志

ISSN 2095-9605
CN 11-9362/R

中华肥胖与代谢病电子杂志

ZHONGHUA FEIPANG YU DAIXIEBING DIANZI ZAZHI

2019年8月 第5卷 第3期

CHINESE JOURNAL OF OBESITY & METABOLIC DISEASES (Electronic Edition)

Volume 5 Number 3
August 2019



中华医学会

CHINESE
MEDICAL
ASSOCIATION

ISSN 2095-9605



9 772095 960194

中华肥胖与代谢病电子杂志

CHINESE JOURNAL OF OBESITY AND METABOLIC DISEASES (Electronic Edition)

季刊 2015 年 5 月创刊 第 5 卷 第 3 期 2019 年 8 月 30 日出版 光盘导读

主 管

中华人民共和国国家卫生健康委员会

主 办

中华医学学会
100710, 北京东四西大街 42 号

出 版

中华医学电子音像出版社有限责任公司
100710, 北京东四西大街 42 号
电话: 0086-10-85158320

承 办

暨南大学附属第一医院

编 辑

中华肥胖与代谢病电子杂志编辑委员会
510630, 广州天河区黄埔大道西 613 号
暨南大学附属第一医院
电话 (传真): 0086-20-85207287
Email: zhfpdyxbdzzz@163.com
<http://zhfpdyxbdzzz.paperopen.com>

总编辑

王存川

编辑部主任

杨景哥

广告经营许可证

京东工商广字第 0233 号

发 行

国内外公开发行

邮 购

中华肥胖与代谢病电子杂志编辑部
510630, 广州市天河区黄埔大道西 613 号
电话 (传真): 0086-20-85207287
Email: zhfpdyxbdzzz@163.com

光盘定价

每期 28.00 元, 全年 112.00 元

中国标准连续出版物号

ISSN 2095-9605
CN 11-9362/R

新出审字 [2014]1419 号

2019 年版权归中华医学会所有

未经授权, 不得转载、摘编本刊文章, 不得使用本刊的版式设计

除非特别说明, 本刊刊出的所有文章不代表中华医学会和本刊编委会的观点

光盘如有质量问题, 请向编辑部调换

目 次

中华肥胖与代谢病外科名家录

——朱晒红教授

论 著

过去 10 年我国减重代谢手术的研究进展

.....赵宁 王宇 王清波等 123

肥胖大鼠袖状胃切除术后肠源性脂多糖的变化及其

与体重变化的相关性研究.....黎熊 刘斌 李佳俊等 128

高强度聚焦超声治疗腹型肥胖子宫肌瘤患者的

临床效果及初步经验.....刘珊珊 张煦 谭晓端等 137

个旧新诊断 112 例 Graves' 病患者骨代谢指标分析

.....向茜 张弦 杨晓瑞等 142

2 型糖尿病并内脏型肥胖患者内脏脂肪面积的分析

.....王慧卿 王桂英 王迎宾等 148

综 述

迷走神经在肥胖发生和治疗中的作用研究进展

.....张隆江 申晓军 153

内镜下胃内球囊减肥术临床应用进展

.....于新颖 白日星 徐有青等 157

SGLT1 在肥胖及其代谢性疾病中的作用及机制

.....何丽萍 许桂文 唐德洲等 161

胰腺纤维钙化性糖尿病的诊治现状.....杨晓瑞 向茜 165

浅析袖状胃切除术后并发症.....石晓磊 孙振 宋京海 170

腹腔镜胃袖状切除术后胆囊结石发病及防治相关研究进展

.....迪力夏提·吐恩巴克 阿巴伯克力·乌斯曼 艾克拜尔·艾力 174

延续性护理模式对预防胃旁路术后营养代谢紊乱的研究进展

.....林睿 杨宁璐 梁辉等 177

CHINESE JOURNAL OF OBESITY AND METABOLIC DISEASES (Electronic Edition)

Quarterly Established in May 2015 Volume 5, Number 3 August 30, 2019

Responsible Institution

National Health Commission of the People's Republic of China

Sponsor

Chinese Medical Association
42 Dongsi Xidajie, Beijing 100710, China

Publishing

Chinese Medical Multimedia Press Co., Ltd.
42 Dongsi Xidajie, Beijing 100710, China
Tel:0086-10-85158320

Executed by

The First Affiliated Hospital of Jinan University

Editing

Editorial Board of Chinese Journal of Obesity and Metabolic Diseases(Electronic Edition)
613 Huangpu Road, Guangzhou 510630, China
Tel(Fax): 0086-20-85207287
Email: zhfpdyxbdzzz@163.com
http://zhfpdyxbdzzz.paperopen.com

Editor-in-Chief

Wang Cunchuan (王存川)

Managing Director

Yang Jingge (杨景哥)

Mail-Order

Editorial Department of Chinese Journal of Obesity and Metabolic Diseases(Electronic Edition)
613 Huangpu Road, Guangzhou 510630, China
Tel(Fax):0086-20-85207287
Email: zhfpdyxbdzzz@163.com

CSSN

ISSN 2095-9605
CN 11-9362/R

Copyright © 2019 by the Chinese Medical Association

No content published by the journals of Chinese Medical Association may be reproduced or abridged without authorization. Please do not use or copy the layout and design of the journals without permission.

All articles published represent the opinions of the authors, and do not reflect the official policy of the Chinese Medical Association or the Editorial Board, unless this is clearly specified.

CONTENTS IN BRIEF

Famous surgeon record for Chinese obesity and metabolic disease

—Professor Shaihong Zhu

Articles

Research progress of bariatric surgery over China in the past 10 years

Zhao Ning, Wang Yu, Wang Qingbo, et al. 123

Zhao Ning, Wang Yu, Wang Qingbo, et al.

Change of enterogenous lipopolysaccharide and its correlation analysis

with weight change after sleeve gastrectomy in obese rats 128

Li Xiong, Liu Bin, Li Jiajun, et al.

Clinical effects and preliminary experience of high intensity focused ultrasound in the treatment of uterine myoma with abdominal obesity.....

137

Liu Shanshan, Zhang Xu, Tan Xiaochang, et al.

Research on the bone metabolism indexes in 112 cases of first diagnosed patients with Graves' disease in Gejiu

142

Xiang Qian, Zhang Xian, Yang Xiaorui, et al.

Analysis of visceral fat area in type 2 diabetes mellitus patients with abdominal obesity

148

Wang Huiqing, Wang Guiying, Wang Yinbing, et al.

Reviews

Research advances about the role of the vagus nerve in the pathogenesis and treatment of obesity

153

Zhang Longjiang, Shen Xiaoju.

Clinical application progress of endoscopic gastric balloon surgery for weight loss

157

Yu Xinying, Bai Rixing, Xu Youqing, et al.

Role and mechanism of SGLT1 in obesity and its metabolic diseases

161

He Liping, Xu Guiwen, Tang Yizhou, et al.

Diagnosis and treatment status of pancreatic fiber-calcified diabetes mellitus

165

Yang Xiaorui, Xiang Qian.

Simple analysis of complications after sleeve gastrectomy	170
<i>Shi Xiaolei, Sun Zhen, Song Jinghai.</i>	
Research progress on the pathogenesis and prevention of cholecystolithiasis after laparoscopic gastric sleeve resection	174
<i>Dilixiati•Tuenbake, Ababokeli•Wusiman, Aikebaier•Aili.</i>	
Research progress on the prevention of nutritional and metabolic disorders after gastric bypass by continuous nursing mode	177
<i>Lin Rui, Yang Ningli, Liang Hui, et al.</i>	



Executive Editor in Chief of this Issue	<i>Wang Cunchuan</i>
Executive Editor of this Issue	<i>Yang Jingge, Yao Qiyuan, Bai Rixing</i>
Editor in Charge of this Issue	<i>Guo Feifei</i>
English Editor of this Issue	<i>Yang Wah, Guan Bingsheng</i>