

中华医学会系列杂志

ISSN 0253-2352
CN 12-1113/R

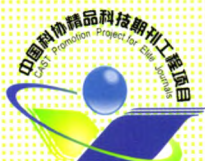
中华骨科杂志[®]

ZHONGHUA GUKE ZAZHI

2016年9月1日 第36卷 第17期

CHINESE JOURNAL OF ORTHOPAEDICS

Volume 36 Number 17
September 1, 2016



中华医学会

CHINESE
MEDICAL
ASSOCIATION

ISSN 0253-2352



9 770253 235160

17>

中华骨科杂志®

CHINESE JOURNAL OF ORTHOPAEDICS

半月刊 1981年2月创刊 第36卷 第17期 2016年9月1日出版

主管
中国科学技术协会

主办
中华医学会
100710,北京市东四西大街42号

编辑
中华骨科杂志编辑委员会
300211,天津市河西区解放南路406号
电话:(022)28334734
(022)28278929
(022)28314305
传真:(022)28241184
E-mail:gktougao@126.com
http://www.medline.org.cn
http://www.chinajorthop.com

总编辑
田伟

编辑部主任
胡永成

出版
《中华医学杂志》社有限责任公司
100710,北京市东四西大街42号
电话(传真):(010)85158180
E-mail:office@cma.org.cn

广告经营许可证
1201034000027号

印刷
天津市恒远印刷有限公司

发行
范围:公开
国内:天津市邮政局
国外:中国国际图书贸易集团
有限公司
(北京399信箱,100044)
代号M369

订购
全国各地邮政局
邮发代号6-17

邮购
中华骨科杂志编辑部
300211,天津市河西区解放南路406号
电话:(022)28334734
(022)28278929
传真:(022)28241184
E-mail:gktougao@126.com

定价
每期30.00元,全年720.00元

中国标准连续出版物号
ISSN 0253-2352
CN 12-1113/R

2016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

除非特别声明,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

本刊如有印装质量问题,请向本刊编辑部调换

目次

述评
勇于交流、善于总结
——提高脊柱外科手术并发症的防治水平 1073
范顺武 胡志军

脊柱手术并发症
颈椎前路手术后早发性硬膜外血肿的
早期诊断和治疗 1076
李野 陈晶 高忠文 孟春阳 顾锐
刘景臣 武云涛 徐勤利 王永琨
朱庆三

颈椎前路手术后并发咽后壁及食管痿的诊治 1085
买尔旦·买买提 阿里木·阿布都热西提
盛伟斌 艾力希尔·布然江 邓强

腰椎椎间融合术后融合器后移的原因
分析及再手术策略 1093
张凯 张锋 赵长清 田建平 孙晓江
李华 赵杰

CT评估腰骶段后路椎弓根置钉的
准确性研究 1099
虞天明 贺元松 米爽 张振武 戴文杰
田纪青 洪正华 范顺武 赵凤东

经皮椎体成形术穿刺失误致并发症的治疗 1107
林鹏 洪正华 陈海啸 王章富

椎间孔镜术后并发症状性椎间盘假性囊肿:
二例报告及相关文献复习 1114
邱小明 王亚朋 胡志军 安纪龙 孙亚澎
丁文元 申勇 张为 张建锋

后路椎体间融合术治疗复发性腰椎间盘突出症围手术期并发症及其危险因素	1121
赵新华 袁航 钱金黔 杨永宏	
脊柱结核术后并发症的危险因素分析	1126
陈雁华 李娟 陈子贤 周晓岗 董健	
综 述	
颈椎手术并发症的研究进展	1133
钱闯 陈雄生	
胸腰椎骨质疏松性骨折经皮椎体成形术后骨水泥渗漏的研究进展	1142
许正伟 贺宝荣 郝定均 郭华 刘团江	
消 息	
《中华骨科杂志》2015年审稿专家致谢名单	I
2016年全国手外科与显微外科培训班通知	I
第七届上海微创脊柱外科国际论坛通知	II
脊柱外科基础与临床研究新技术学习班暨第一届宁波六院脊柱内镜论坛通知	II
第六届穿支皮瓣高峰论坛通知	II
第二十三届全国中西医结合骨伤科学术年会征文通知	III
Orthopaedic Surgery 已被SCI和MEDLINE收录	III
《感染性骨不连》出版发行	IV
《骨科疾病的分类与分型标准》第2版出版发行	IV
Orthopaedic Surgery 2015年3期目录及部分文章摘要	英文目次2
广告目次	英文目次后
本刊稿约见本卷第1期及第13期第1页	

CHINESE JOURNAL OF ORTHOPAEDICS

Semimonthly Established in February 1981 Volume 36, Number 17 September 1, 2016

Responsible Institution

China Association for Science
and Technology

Sponsor

Chinese Medical Association
42 Dongsi Xidajie, Beijing 100710, China

Editing

Editorial Board of Chinese Journal
of Orthopaedics
406 Jiefangnan Road, Tianjin 300211, China
Tel: 0086-22-28334734
0086-22-28278929
0086-22-28314305
Fax: 0086-22-28241184
E-mail: gktougao@126.com
<http://www.medline.org.cn>
<http://www.chinjorthop.com>

Editor-in-chief

Tian Wei

Managing Director

Hu Yongcheng

Publishing

Chinese Medical Journals
Publishing House Co., Ltd.
42 Dongsi Xidajie, Beijing 100710, China
Tel(Fax): 0086-10-85158180
E-mail: office@cma.org.cn

Printing

Tianjin Hengyuan Printing
Co., Ltd

Overseas Distributor

China International Book
Trading Corporation
P.O. Box 399, Beijing 100044, China
Code No. M369

Mail-Order

Editorial Office of Chinese Journal
of Orthopaedics
406 Jiefangnan Road, Tianjin, 300211, China
Tel: 0086-22-28334734
0086-22-28278929
Fax: 0086-22-28241184
E-mail: gktougao@126.com

CSSN

ISSN 0253-2352
CN 12-1113/R

Copyright © 2016 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

Commentary

- Brave to communicate, adept at summarize
To improve the ability of preventing and
treating spinal surgical complications** 1073
Fan Shunwu, Hu Zhijun

Complications of Spine Surgery

- Early diagnosis and treatment of early postoperative
epidural hematoma after anterior
cervical spine surgery** 1076
*Li Ye, Chen Jing, Gao Zhongwen, Meng Qingchun,
Gu Rui, Liu Jingchen, Wu Yuntao, Xu Qinli,
Wang Yongkun, Zhu Qingsan*

- Diagnosis and treatment of pharyngostoma and
esophagostoma after anterior cervical
spine surgery** 1085
*Mardan·Mamat, Alim·Abdurexit, Sheng Weibin,
Ailixier·Buranjiang, Deng Qiang*

- Analysis of cage migration after lumbar interbody
fusion and Revision strategies** 1093
*Zhang Kai, Zhang Feng, Zhao Changqing,
Tian Jianping, Sun Xiaojiang,
Li Hua, Zhao Jie*

- Retrospective study on the CT evaluation of accuracy
of pedicle screw placement in posterior
lumbosacral instrumentation** 1099
*Yu Tianming, He Yuansong, Mi Shuang, Zhang Zhenwu,
Dai Wenjie, Tian Jiqing, Hong Zhenghua,
Fan Shunwu, Zhao Fengdong*

- Treatment of the complications of percutaneous
vertebroplasty caused by puncture lapsus** 1107
*Lin Peng, Hong Zhenghua, Chen Haixiao,
Wang Zhangfu*

- Post-discectomy pseudocyst after transforminal
percutaneous endoscopic discectomy:
two cases reports and related
literature review** 1114
*Qiu Xiaoming, Wang Yapeng, Hu Zhijun, An Jilong,
Sun Yapeng, Ding Wenyuan, Shen Yon,
Zhang Wei, Zhang Jianfeng*

- Retrospective analysis of perioperative complications
and risk factors of posterior lumbar interbody
fusion for recurrent lumbar disc herniation** 1121
*Zhao Xinhua, Yuan Hang, Qian Jinqian,
Yang Yonghong*

Risk factors analysis of the postoperative complications in spinal tuberculosis patients	1126
<i>Chen Yanhua, Li Juan, Chen Zixian, Zhou Xiaogang, Dong Jian</i>	

Review

Progress on complications of cervical spine surgery	1133
<i>Qian Chuang, Chen Xiongsheng</i>	
Research advanced on bone cement leakage after percutaneous vertebroplasty for thoracolumbar osteoporotic fractures	1142
<i>Xu Zhengwei, He Baorong, Hao Dingjun, Guo Hua, Liu Tuanjiang</i>	

Orthopaedic Surgery 2015 年 3 期目录及部分文章摘要

目录

1

Current Trends in Management of Atlantoaxial Dislocation
Qing-shui Yin and Jian-hua Wang.
Orthop Surg, 2015, 7(3): 189-199.

2

Guideline for Diagnostic and Treatment of Osteonecrosis of the Femoral Head
Joint Surgery Group of the Orthopaedic Branch of the Chinese Medical Association.
Orthop Surg, 2015, 7(3): 200-207.

3

Clinical Guideline for Treatment of Symptomatic Thoracic Spinal Stenosis
Zhong-qiang Chen, Chui-guo Sun and the Spine Surgery Group of Chinese Orthopedic Association.
Orthop Surg, 2015, 7(3): 208-212.

4

Cortical Bone Trajectory for Lumbar Pedicle Screw Placement: A Review of Published Reports
Kevin Phan, Jarred Hogan, Monish Maharaj and Ralph J Mobbs.
Orthop Surg, 2015, 7(3): 213-221.

5

Role of Curcumin in Common Musculoskeletal Disorders: a Review of Current Laboratory, Translational, and Clinical Data
Krishi V Peddada, Kranti Venkata Peddada, Surendra K Shukla, Anusha Mishra and Vivek Verma.
Orthop Surg, 2015, 7(3): 222-231.

6

Isthmus-guided Cortical Bone Trajectory Reduces Postoperative Increases in Serum Creatinine Phosphokinase Concentrations
Toshika Ohkawa, Koichi Iwatsuki, Yu-ichiro Ohnishi, Koshi Ninomiya and Toshiki Yoshimine.
Orthop Surg, 2015, 7(3): 232-238.

7

Role of Intraoperative Disc Contrast Injection in Determining the Segment Responsible for Cervical Spinal Cord Injury without Radiographic Abnormalities
Ji-dong Zhang and Qun Xia.
Orthop Surg, 2015, 7(3): 239-243.

8

Unilateral Hemilaminectomy for Intradural Lesions
Ralph J Mobbs, Monish M Maharaj, Kevin Phan and Prashanth J Rao.
Orthop Surg, 2015, 7(3): 244-249.

9

Intra-articular Adjuvant Analgesics following Knee Arthroscopy: Comparison between Single and Double Dose Dexmedetomidine and Ropivacaine. A Multicenter Prospective Double-blind Trial
Ranajit Panigrahi, Ritesh Roy, Amita Kumari Mahapatra, Anju Prasad, Ashok Priyadarshi and Nishit Palo.
Orthop Surg, 2015, 7(3): 250-255.

10

Fixation of Metacarpal Shaft Fractures: Biomechanical Comparison of Intramedullary Nail Crossed K-Wires and Plate-Screw Constructs
Benjamin D Curtis, Olukemi Fajolu, Michael E Ruff and Alan S Litsky.
Orthop Surg, 2015, 7(3): 256-260.

11

Effects of Cemented Hip Stem Pre-heating on Stem Push-out Strength
**Vajara Wilairatana, Chatchawan Piroit and Noppachart Limpaphayom.*
Orthop Surg, 2015, 7(3): 261-265.

爱湃斯专注于骨科领域，致力于创新研发与临床整合
将最先进的骨治疗与金属植入物生产经验，回归到符合亚洲曲率的概念
产品线包含骨科固定、骨科矫正、及骨与软组织再生所需要的器材
植入物和生物材料，在保证产品高质量的同时
将医疗从业者视为骨科领域创新发展的伙伴
共同透过研究开发、临床测试与调查、及相关手术医学教育
以确保患者的福祉，并携手前行

亚洲人



亚洲曲率

通过对大量病例的影像撷取、3D轮廓重建、参数数字化统计，得到第一家经由亚洲人体骨骼参数设计研发的创伤产品



3D冰雕

3D精密CNC五轴加工技术，由原材料以3D“冰雕”工艺加工而成的制造程序，从而真正实现一特制化



微创中心

与秀传微创手术中心通力合作，为骨科医师专业培训提供更加完善，教学一体的学习环境