

ISSN 2095-9958
CN 10-1316/R

中国科技核心期刊(中国科技论文统计源期刊)

2020年10月 第13卷第10期 Volume 13 Number 10 October 2020

中华骨与关节外科杂志

ZHONGHUA GU YU GUANJIE WAIKE ZAZHI

Chinese
Journal of
Bone and
Joint
Surgery

ISSN 2095-9958



9 772095 995189

万方数据

主管：国家卫生健康委员会

主办：中国医学科学院



中华骨与关节外科杂志

ZHONGHUA GU YU GUANJIE WAIKE ZAZHI

月刊 2008年4月创刊 第13卷 第10期 2020年10月

主 管

国家卫生健康委员会

主 办

中国医学科学院

主 编 邱贵兴

编辑部主任 高 鹏(代)

编辑出版

中国协和医科大学出版社

《中华骨与关节外科杂志》编辑部

北京东单三条9号(100730)

电话:010-65281306

E-mail: guguangjie@126.com

投稿网址: www.cjbjs.com

印 刷

北京联合互通彩色印刷有限公司

中国标准连续出版物号

ISSN 2095-9958

CN 10-1316/R

广告许可证

京东工商广字第0342号

广 告

《中华骨与关节外科杂志》市场部

发 行

中国协和医科大学出版社期刊中心

地址: 北京东单三条9号

邮 发

全国各地邮电局

邮发代号: 82-735

国内定价

每期15.00元, 全年180.00元

本期责任编辑 李丹阳

本期英文编辑 李丹阳

本刊版权归《中华骨与关节外科杂志》编辑部所有

目 次

临床论著

腰椎退行性疾病术后近端交界性后凸的危险因素及治疗

.....于峥嵘, 赵耀, 许洋洋, 等 (793)

Dynesys 非融合技术治疗腰椎间盘突出症8年临床随访

.....李宗阳, 罗建平, 张新胜, 等 (799)

肌间隙入路通道下腰椎固定融合术中终板损伤原因分析及预后

.....曾忠友, 俞伟, 张建乔, 等 (806)

脊髓型颈椎病颈椎曲度与矢状面参数间相关性分析

.....周乾坤, 牛国旗, 赵保印, 等 (813)

脊柱真菌感染的诊断: 11例病例分析

.....杜春艳, 李其一, 王志超, 等 (819)

髌臼骨折合并股骨近端骨折初期治疗失败后的全髋关节置换术中期

随访结果穆国斌, 张亮, 陈明学, 等 (825)

全膝关节置换术与单髁置换术治疗内侧间室膝关节炎疗效对比的

meta 分析张江涛, 尚延春, 李启义, 等 (830)

臀肌挛缩症双侧一期关节镜下松解与开放松解的临床疗效分析

.....鲁昕, 钱军, 杨波, 等 (836)

虚拟现实技术在膝关节镜手术教学中的应用探索

.....翟吉良, 金迪, 杨波 (840)

经踝管入路切开复位内固定治疗后 pilon 骨折的疗效分析

.....黄燕峰, 罗轶, 宋飒 (844)

基础研究

骨质疏松椎体中二次置钉条件下骨水泥剂量与椎弓根螺钉稳定性的生物力学研究李浩,蔡东岭,欧志聪,等 (848)

骨质疏松患者外周血差异表达 miR-19b 调控骨髓间充质干细胞成骨分化的作用机制研究彭松林,王尚,陈高扬 (853)

病例报道

ERAS理念下全修复策略治疗 Lange-Hansen 旋前-外旋Ⅳ°踝关节骨折1例报道侯国进,周方,田耘,等 (859)

综述

前交叉韧带重建术后腱骨愈合的生物学干预研究进展孙畅,郭亭,李林涛,等 (863)

初次关节置换术中引流管应用的研究进展文鹏飞,郝林杰,马涛,等 (870)

非创伤性股骨头坏死中纤溶酶原激活物抑制剂-1作用机制的研究进展王奕凯,李璐,于炜婷,等 (874)



欢迎关注《中华骨与关节外科杂志》微信公众号

本刊郑重声明

本刊唯一官方网站:www.cjbjs.com

本刊编辑部工作人员:

编辑部主任:高鹏

编辑:孙维 李丹阳 刘亦男 曹静

编辑部地址:北京市东城区东单三条9号 中国协和医科大学出版社303室

邮编:100730

电话:010-65281306

E-mail:guguanjie@126.com

《中华骨与关节外科杂志》编辑部

Chinese Journal of Bone and Joint Surgery

Monthly Established in April 2008 Volume 13 Number 10 October 2020

Responsible Institution

National Health Commission of
the People's Republic of China

Sponsor

Chinese Academy of Medical Sciences

Editor-in-Chief

QIU Guixing (邱贵兴)

Acting Director

GAO Peng (高鹏)

Editing & Publishing

Editorial Office of
Chinese Journal of Bone and Joint Surgery,
No.9, Dong Dan San Tiao, Beijing 100730, China
Tel: 0086-10-65281306
E-mail: guguanjie@126.com
http: //www.cjbjs.com

Printing

Beijing Lianhehutong Color Printing Co., Ltd.

CSSN

ISSN 2095-9958
CN 10-1316/R

Copyright©2020 by the Editorial Office of
Chinese Journal of Bone and Joint Surgery

No content published by the Chinese Journal of
Bone and Joint Surgery may be reproduced or
abridged without authorization. Please do not
use or copy the layout and design of the Journal
without permission.

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

Contents

Clinical Research

- Risk factors and treatment of proximal junctional kyphosis after lumbar
degenerative diseaseYU Zhengrong, ZHAO Yao, XU Yangyang, et al (793)
- Minimum eight-year follow-up of lumbar disc herniation treated with
Dynesys nonfusion dynamic stabilization system
.....LI Zongyang, LUO Jianping, ZHANG Xinsheng, et al (799)
- Causes and prognosis of endplate injury in lumbar fixation and interbody
fusion under muscle-splitting approach
.....ZENG Zhongyou, YU Wei, ZHANG Jianqiao, et al (806)
- Correlation analysis between cervical curvature and sagittal plane parameters
in cervical spondylotic myelopathy
.....ZHOU Qiankun, NIU Guoqi, ZHAO Baoyin, et al (813)
- Diagnosis of spinal fungal infection: a case analysis of 11 patients
.....DU Chunyan, LI Qiyi, WANG Zhichao, et al (819)
- Midterm results of total hip arthroplasty for failed treatment of acetabular
fracture combined with fracture of proximal femur
.....MU Guobin, ZHANG Liang, CHEN Mingxue, et al (825)
- Comparison of the efficacy of total and unicompartmental knee arthroplasty in
the treatment of unicompartmental osteoarthritis of the knee: a meta-analysis
.....ZHANG Jiangtao, SHANG Yanchun, LI Qiyi, et al (830)
- Comparative analysis of clinical efficacy of one-stage bilateral arthroscopic
surgery and open release for gluteal muscle contracture
.....LU Xin, QIAN Jun, YANG Bo, et al (836)
- Application of virtual reality technology in the teaching of arthroscopic
knee surgery.....ZHAI Jiliang, JIN Di, YANG Bo (840)
- Clinical outcome of open reduction and internal fixation through tarsal tunnel
approach for posterior pilon fracture
.....HUANG Yanfeng, LUO Yi, SONG Sa (844)

Basic Research

- Biomechanical study between volume of polymethylmethacrylate and pedicle screw stability in osteoporotic vertebral body in secondary screw implanting*LI Hao, CAI Dongling, OU Zhicong, et al* (848)
- Mechanism of circulating miR-19b from osteoporosis patients in regulating osteogenesis of bone marrow mesenchymal stem cells*PENG Songlin, WANG Shang, CHEN Gaoyang* (853)

Case Report

- All-repair treatment strategy based on ERAS concept for Lange-Hansen pronation-extorsion IV° ankle fracture: a case report*HOU Guojin, ZHOU Fang, TIAN Yun, et al* (859)

Review

- Research progress of biological intervention on tendon-bone healing after anterior cruciate ligament reconstruction*SUN Chang, GUO Ting, LI Lintao, et al* (863)
- Research progress on the application of drainage tube in primary total joint arthroplasty*WEN Pengfei, HAO Linjie, MA Tao, et al* (870)
- Mechanism advance of plasminogen activator inhibitor-1 in nontraumatic osteonecrosis of the femoral head*WANG Yikai, LI Lu, YU Weiting, et al* (874)