

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)

2023 年 6 月 第 16 卷 第 6 期 Volume 16 Number 6 June 2023

中华骨与关节外科杂志

ZHONGHUA GU YU GUANJIE WAIKE ZAZHI

Chinese
Journal of
Bone and
Joint
Surgery

6

2023 Vol.16

ISSN 2095-9958



9 772095 995233

06

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16卷 第6期 2023年6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

翁习生

执行主编

郭晓东

编辑出版

中国协和医科大学出版社有限公司

《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:guguanjie@126.com

投稿网址:www.cjbjs.com

印 刷

北京建宏印刷有限公司

中国标准连续出版物号

ISSN 2095-9958

CN 10-1316/R

广告发布登记号

京东市监广登字20170143号

广 告

《中华骨与关节外科杂志》市场部

发 行

范围:公开

国内:中国邮政集团有限公司北京市报刊发行局

国外:中国国际图书贸易集团有限公司

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

编 辑

孙维 李丹阳 曹静

本期责任编辑

孙维

本期英文编辑

刘亦男

本刊版权归《中华骨与关节外科杂志》编辑部所有

目 次

临床指南

髌臼四边体骨折临床诊疗指南(2023).....(481)

中华医学会骨科学分会,中国医师协会骨科分会骨盆髌臼学组,

中国医疗保健国际交流促进会骨科分会骨盆髌臼损伤学部,

湖北省中医药学会骨伤专业委员会骨盆髌臼学组

述评

加强有组织科研,以研究型医院建设思维促进骨盆髌臼专科发展 ... (493)

陈嘉楠,陈开放,郭晓东,吴新宝

临床论著

新月形骨折病理解剖学分型的建立及应用.....(501)

岳俊伊,姚升,万意州,陈旭,姜传强,郭晓东

高位髂腹股沟入路治疗髌臼前方伴后半横行骨折的短期临床疗效 ... (508)

尹振春,万意州,黄桂雄,宋庆华,郭晓东,陈开放,魏鹏

髌臼骨折后方内固定术后创伤性关节炎患者的内植物分析.....(513)

李明,冯乐玲,肖靖炜,廖奇,郭晓东,侯志勇,陈华,凌晶,吕刚,

方跃,庄岩,樊仕才,陆志凯,徐丁

改良髓芯减压技术治疗股骨头缺血性坏死的疗效及其影响因素

分析.....(523)

郭邵逸,邓旺,邵宏翔,陈曦,晏征,杨德金,周一新

直接上方入路与直接前方入路全髋关节置换术的短期疗效比较.....(531)

单记春,胡炜,李浩,邵银初,双峰,杨迪,彭祥,万得恩

非药物性保守治疗在膝骨关节炎中应用的网状meta分析(536)

周新,喻雅婷,张孝华,熊成敏,张中卒,金显蓉,邓佳林

显微镜辅助下前路颈椎间盘切除融合内固定术与后路经皮颈椎内镜下椎间盘摘除术治疗单节段神经根型颈椎病2年疗效分析	(547)
廖从刚,杜宇,任强,陈飏,朱军,陈亮	

截骨复位治疗踝关节骨折畸形愈合的疗效分析	(554)
赖良鹏,李莹,孙宁,王岩,李恒,李文菁,龚晓峰,杜辉,武勇	

基础研究

基于Nrf2/Keap1通路研究富血小板凝胶复合 β -磷酸三钙对小鼠成骨细胞增殖与分化的影响	(561)
段钢,朱自强,王建强,王然,杨硕,陈宏亮,郭开今	

病例报道

3D打印假体重建修复髌臼后壁损毁性骨折1例报道	(567)
万意州,陈开放,黄桂雄,於可达,宋庆华,郭晓东	

综述

机器学习在脊柱畸形诊疗中的应用与展望	(571)
杨程显,舒建川,于峥嵘,李淳德	



欢迎关注《中华骨与关节外科杂志》微信公众号

Chinese Journal of Bone and Joint Surgery

Monthly Established in April 2008 Volume 16 Number 6 June 2023

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

WENG Xisheng (翁习生)

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 Jianhong Printing Co., Ltd.

CSSN

ISSN 2095-9958
CN 10-1316/R

Copyright©2023 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 Guideline

Clinical guideline for the diagnosis and treatment of quadrilateral plate fractures of acetabulum (2023) (481)

Chinese Orthopaedic Association; The Group of Pelvic & Acetabular, Chinese Association of Orthopaedic; The Group of Pelvic & Acetabular Injury, Orthopaedic Branch, China International Exchange and Promotive Association for Medical and Health Care; The Pelvis & Acetabular Group of the Orthopaedics & Traumatology Professional Committee of Hubei Association of Chinese Medicine

Promoting the development of pelvic and acetabular specialty with the construction strategy of research-oriented hospital and reinforcement of the organized scientific research (493)

CHEN Jia'nan, CHEN Kaifang, GUO Xiaodong, WU Xinbao

Clinical Research

Establishment and application of pathoanatomic classification of sacroiliac crescent fractures (501)

YUE Junyi, YAO Sheng, WAN Yizhou, CHEN Xu, JIANG Chuanqiang, GUO Xiaodong

Short-term effect of superior ilioinguinal approach in treatment of anterior column posterior hemitransverse acetabular fractures (508)

YIN Zhenchun, WAN Yizhou, HUANG Guixiong, SONG Qinghua, GUO Xiaodong, CHEN Kaifang, WEI Peng

Implant analysis of patients with traumatic arthritis after posterior internal fixation of acetabular fractures (513)

LI Ming, FENG Leling, XIAO Jingwei, LIAO Qi, GUO Xiaodong, HOU Zhiyong, CHEN Hua, LING Jing, LYU Gang, FANG Yue, ZHUANG Yan, FAN Shicai, LU Zhikai, XU Ding

Effect of advanced core decompression on avascular necrosis of the femoral head and its influencing factors (523)

GUO Shaoyi, DENG Wang, SHAO Hongyi, CHEN Xi, YAN Zheng, YANG Dejin, ZHOU Yixin

Comparison of short-term outcomes between directive superior approach and directive anterior approach in total hip arthroplasty	(531)
<i>SHAN Jichun, HU Wei, LI Hao, SHAO Yinchu, SHUANG Feng, YANG Di, PENG Xiang, WAN Deen</i>	
Meta-analysis on effects of non-pharmacological conservative treatment on knee osteoarthritis	(536)
<i>ZHOU Xin, YU Yating, ZHANG Xiaohua, XIONG Chengmin, ZHANG Zhongzu, JIN Xianrong, DENG Jialin</i>	
Two-year efficacy of microscope-assisted anterior cervical decompression and fusion and posterior percutaneous endoscopic cervical discectomy in the treatment of single level cervical spondylotic radiculopathy	(547)
<i>LIAO Conggang, DU Yu, REN Qiang, CHEN Biao, ZHU Jun, CHEN Liang</i>	
Clinical outcomes of osteotomy reduction for malunited ankle fractures	(554)
<i>LAI Liangpeng, LI Ying, SUN Ning, WANG Yan, LI Heng, LI Wenjing, GONG Xiaofeng, DU Hui, WU Yong</i>	

Basic Research

Effect of autologous platelet rich gel combined with β -tricalcium phosphate on proliferation and differentiation of mouse osteoblasts based on Nrf2/Keap1 pathway	(561)
<i>DUAN Gang, ZHU Ziqiang, WANG Jianqiang, WANG Ran, YANG Shuo, CHEN Hongliang, GUO Kaijin</i>	

Case Report

Reconstructing and repairing the acetabular posterior wall destroyed fractures with 3D-printed prosthesis: a case report	(567)
<i>WAN Yizhou, CHEN Kaifang, HUANG Guixiong, YU Keda, SONG Qinghua, GUO Xiaodong</i>	

Review

Application and prospect of machine learning in diagnosis and treatment of spinal deformity	(571)
<i>YANG Chengxian, SHU Jianchuan, YU Zhengrong, LI Chunde</i>	



Chinese Journal of Bone and Joint Surgery

负压封闭引流技术 (Vaccum Sealing Drainage)

武汉维斯第专注VSD技术



VSD® 维斯第® SD型
一次性使用负压引流护创材料
(引流管套装)

武汉维斯第医用科技股份有限公司

WUHAN VSD MEDICAL SCIENCE&TECHNOLOGY CO., LTD.

服务热线: 4008-820-210

公司官网: www.vsd-vac.com

公司地址: 湖北省武汉市东西湖区田园街211号

禁忌内容或注意事项详见说明书

请仔细阅读产品说明书或在医疗人员指导下购买和使用

器械广审(文)第250217-08587号

M 让生命赞美医学
Medicine praised by life



维斯第公众号



维斯第视频号