

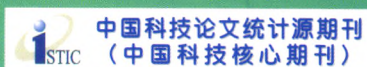
生物骨科材料 与 临床研究

CN 42-1715/R
ISSN 1672-5972



VOL.11 NO.5 OCTOBER 2014

ORTHOPAEDIC BIOMECHANICS MATERIALS AND CLINICAL STUDY



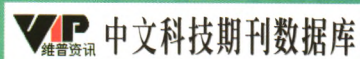
中国科技论文统计源期刊
(中国科技核心期刊)



中文生物医学期刊文献数据库



万方数据 资源系统
数字化期刊



中文科技期刊数据库



中国期刊全文数据库期刊



A Division of the American Chemical Society
CAS化学文摘

ISSN 1672-5972



2014年10月第5期(总第66期)

第十一卷

生物骨科材料 与 临床研究

VOL.11 NO.5 OCTOBER 2014

双月刊
第11卷 第5期(总第66期)
2014年10月15日出版

CN 42-1715/R
ISSN 1672-5972

ORTHOPAEDIC BIOMECHANICS MATERIALS AND CLINICAL STUDY

主管单位

湖北省食品药品监督管理局

主办单位

湖北省医疗器械协会

顾问

卢世璧 **王澍寰** 邱贵兴 侯树勋

王岩

主编

陈安民

副主编

李锋 罗卓荆 勘武生 朱振安

郑启新 蔡林 陈庄洪 高忠礼

出版单位

本刊编辑部

印刷单位

武汉贝思印务设计有限公司

国内总发行

武汉市邮政局

国内邮发代号

38-114

订 阅

全国各地邮局

国外总发行

中国出版对外贸易总公司

国内统一刊号

CN42-1715/R

国际标准刊号

ISSN1672-5972

广告经营许可证

武汉工商广字4201114002716

国内定价

每册12.8元

编辑部地址:武汉市洪山区书城路

28号北港工业园(430070)

电话:027-88138800 13871155570

027-88309090转8290/8291

传真:027-88309082

邮箱:swgkcl@163.com

magazine@dragonbio.com

主任

张晶

责任编辑

王龙 许海平 金阳 陈珪

目 次

论著·实验研究

- 载银水凝胶或载抗生素壳聚糖水凝胶在抑菌性能和细胞毒性方面的研究·····伍芳 何静 吴亮等 1
抗菌型纳米纤维膜的释药及生物相容性研究·····石锐 薛佳佳 曹晶晶等 5
新型介孔二氧化硅纳米微球/羟基磷灰石/生物玻璃
复合生物涂层的体外理化特性·····邓元 郭翔 11
磁性纳米多孔复合支架材料的细胞相容性研究·····黄江鸿 段莉 陈洁琳等 16

论著·临床研究

- 创伤严重度改良评分法在应急突发事件中的应用及分析·····王华松 刘晓明 汪国栋等 20
单开门联合Neulen钛板治疗多节段脊髓型颈椎病53例·····曾义高 余勤武 陈先洲等 23
经皮锁定加压钢板治疗肱骨中下段骨折·····张富军 侯军 董秀珍等 26
重庆地区副舟骨和副舟骨源性疼痛与平足症患病率及多因素相关分析·····曹洪辉 张传志 卢卫忠 29
关节囊及外旋肌群修补在后外侧入路初次全膝关节置换术的应用·····袁锋 蔡俊丰 周伟等 34

经验交流

- 解剖型胫骨髓内钉与普通交锁髓内钉治疗胫骨不连的疗效比较·····郭伟 杜静德 38
经皮微创植入锁定钢板治疗胫骨远端骨折·····陈军 乔绍文 曹念蒙等 41
LCP联合VSD急诊修复胫骨粉碎骨折伴皮肤缺损的临床研究·····陈军 王治 余贵华等 44
角度钢板与解剖钢板治疗股骨髁部C型骨折的疗效对比·····杜发会 朱亚峰 毕明昊 46
前外侧微创全膝关节置换术的应用评价(附52例)·····胡伟国 易汉文 49
PFNA与PFN内固定治疗老年股骨粗隆间骨折的临床疗效评价·····张长青 张春涛 张文治等 51
颈椎后路单开门椎管扩大成形术治疗效果的临床观察·····彭昊 李志权 康凯等 55
三种手术方式对腰椎间盘突出症临床疗效的影响·····李士荣 于勇 58
PFNA治疗股骨粗隆间A型骨折40例疗效观察·····柴利军 63
骨水泥强化椎弓根螺钉固定治疗老年退行性腰椎疾病的疗效观察·····严小康 甘学文 聂宇等 66
关节镜下踝部骨折治疗的疗效分析·····蔡国锋 张云峰 周立新等 70
关节镜下双排锚钉治疗肱骨大结节撕脱性骨折·····陈孙裕 李坚 肖展豪等 72

医疗器械研发

- 抗剪切力镍钛记忆合金髌骨爪的设计与临床应用·····杜东鹏 邢娟 姜文雄等 74

短篇报道

- 42例髌骨下极骨折治疗体会·····田子军 77
QWIX空心加压螺钉治疗距骨骨折20例·····刘鹏 郑强 滕寿发等 78
手术治疗Lisfranc关节骨折脱位·····司春明 王磊 郑鹏等 79

消息·会讯

- 上海长征医院第七届骨盆、四肢骨折治疗进展与解剖操作高级学习班·····43
热烈祝贺《实用骨科杂志》创刊20周年·····80
编委风采——涂意辉·····封三

本刊第三届编委会名单、征订启事、彩图、请见插页

ORTHOPAEDIC BIOMECHANICS MATERIALS AND CLINICAL STUDY

Bimonthly Vol.11 No.3 (Total No.64) Jun.15, 2014

CN 42-1715/R ISSN 1672-5972

Contents in Brief

Responsible Institution:

Hubei Food and Drug Administration

Sponsor:

Hubei Medical Device Industry Association

Adviser:

Lu Shibi Wang Shuhuan Qiu Guixing

Hou Shuxun Wang Yan

Editor-in-chief:

Chen Anmin

Executive Editor:

Li Feng Luo Zhuojing Kan Wusheng

Zhu Zhen-an Zheng Qixin Cai Lin

Chen Zhuanghong Gao Zhongli

Editing and Publishing:

Editorial Department of Orthopaedic

Biomechanics Materials and Clinical Study

Printing:

Wuhan Beth Printing Design Co.Ltd.

Domestic distributor:

Wuhan Post Office

Code No.:

38-114

Subscribe:

China local post office

Overseas distributor:

China National Publishing

Industry Trading Corporation

CSRN: CN42-1715/R ISSN 1672-5972

Adv.License: No.4201114002716

Adv. Industrial and Commercial, Wuhan, Hubei

Price:

¥ 12.8 for each issue

Address:

28 Shucheng Road, Wuhan, Hubei, 430070, China

Telephone:

+86 027-88138800 +86 027-88138800Ext8290/8291

13871155570

Fax:

027-87385949/87393955

E-mail:

swgkcl@163.com magazine@dragonbio.com

Editorial Manager:

Zhang Jing

Editor:

Wang Long Xu Haiping Jin Yang Chen Yao

Experimental Research

The research of Ag⁺ or antibiotic loaded chitosan hydrogels on antibacterial efficacy and cytocompatibility

..... Wu Fang, He Jing, Wu Yao, et al 1

Drug release behavior and biocompatibility study of antimicrobial polycaprolactone

..... Shi Rui, Xue Jiajia, Cao Jingjing, et al 5

In vitro characterizations of novel mesoporous silica nanoparticles/hydroxyapatite /bioactive glass composite coat

..... Deng Yuan, Guo Xiang 11

Cytocompatibility research in magnetic nano-porous composite scaffold

..... Huang Jianghong, Duan Li, Chen Jielin, et al 16

Clinical Research

Application and analysis of revised injury severity score on emergencies

..... Wang Huasong, Liu Ximing, Wang Guodong, et al 20

Unilateral open-door cervical expansive laminoplasty plus neulen titanium fixation for multilevel cervical spondylotic myelopathy in 53 patients

..... Zeng Yigao, Yu Qinwu, Chen Xianzhou, et al 23

Percutaneous locking compression plate for the treatment of distal humeral fracture

..... Zhang Fujun, Hou Jun, Dong Xiuzhen, et al 26

A study on the prevalence and multifactor correlation analysis of accessory navicular and symptomatic or the flatfoot related with accessory navicular in Chongqing

..... Cao Honghui, Zhang Chuanzhi, Lu Weizhong, et al 29

Posterior capsular and the external rotation muscles repair in primary total hip arthroplasty with posterior approach

..... Yuan Feng, Cai Junfeng, Zhou Wei, et al 34

Experience Exchange

Comparative expert tibial nail and interlocking intramedullary nail treatment of tibial nonunion efficacy

..... Guo Wei, Du Jingde 38

Treatment of distal tibial fracture with minimally invasive percutaneous plate osteosynthesis

..... Chen Jun, Qiao Shaowen, Cao Nianmeng, et al 41

The clinical study of one-stage operation for the open tibial comminuted fractures with skin defects by LCP internal fixation and VSD coverage

..... Chen Jun, Wang Ye, Yu Guihua, et al 44

A comparative analysis of anatomical plate and blade-plate in treatment of type C fracture of supracondylar and intercondylar femur

..... Du Fahui, Zhu Yafeng, Bi Minghao 46

Clinical application of minimally invasive anterolateral muscles sparing approach total hip arthroplasty: A report of 52 cases

..... Huweigu, Yi Hanwen 49

Comparison of the clinical efficacy in treating the elder femoral intertrochanteric fracture with PFNA and PFN

..... Zhang Changqing, Zhang Chunxiao, Zhang Wenzhi, et al 51

Clinical observation of treatment effect of open-door laminoplasty on cervical spondylosis

..... Peng Hao, Li Zhiquan, Lian Kai, et al 55

Influence of three surgical methods on clinical outcome for lumbar disc herniation

..... Li Shirong, Yu Xiuchun 58

Clinical research on closed reduction of proximal femoral intramedullary nail (PFNA) internal fixation (AO parting) treating intertrochanteric fracture

..... Chai Lijun 63

Outcome of bone cement augmented pedicle screw instrumentation for degenerative lumbar disease

..... Yan Xiaokang, Gan Xuewen, Nie Yu, et al 66

The curative effect of the ankle fracture under the arthroscopy

..... Cai Guofeng, Zhang Yunfeng, Zhou Lixin, et al 70

Arthroscopic assisted treatment of the avulsed fracture of humerus greater tuberosity using the double-row suture-bridge fixation technique

..... Chen Sunyu, Li Jian, Xiao Zhanhao, et al 72

Research and Development Medical Devices

Design and the treatment for patella fracture of anti-shearing force, Ni-Ti memory alloy patella claw

..... Du Dongpeng, Xing Juan, Jiang Wenxiong, et al 74

Short and Case Reports

Treatment of fractures of inferior patella: 42 cases report

..... Tian Zijun 77

Treatment of 20 cases with fracture of talus by QWIX hollow compression screw

..... Liu Peng, Zheng Qiang, Teng Shoufa, et al 78

The operative treatment of Lisfranc fracture-dislocation

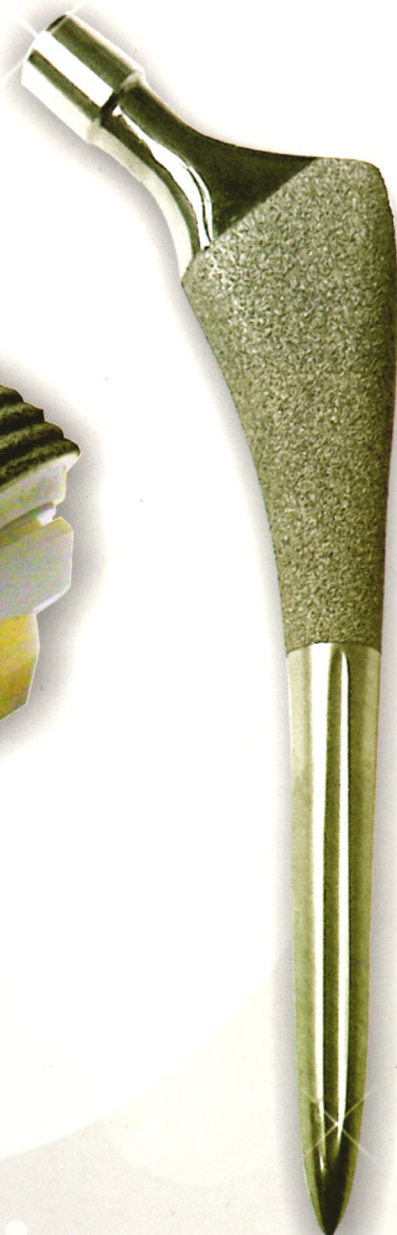
..... Si Chunming, Wang Lei, Zheng Peng, et al 79

髋关节系列

Hip Joint Series

陶瓷髋关节三大优点

- 耐磨性强
- 生物相容性强
- 表面处理光滑



产品名称：钛合金股骨柄、全髋髋臼、陶瓷球头
产品注册证号：国食药监械（准）字2014第3460954号
 国食药监械（准）字2014第3460953号
 国食药监械（准）字2014第3460952号
生产企业：武汉德骼拜尔外科植入物有限公司
地 址：武汉市洪山区书城路28号
电 话：027-88309090
邮 编：430065

鄂医械广审（文）第2014070029号

禁忌内容或注意事项详见说明书

Dragonbio

德骼拜尔 迈瑞医疗集团成员

刊号：ISSN1672-5972 CN42-1715/R 国内邮发代号：38-114 国内定价：每册12.8元

万方数据