

ISSN 1003-0034
CN 11-2483/R



2007年9月 第20卷 第9期

中国骨伤[®]

ZHONGGUO GUSHANG

Volume 20 Number 9 September 2007

**CHINA JOURNAL OF
ORTHOPAEDICS AND
TRAUMATOLOGY**

- ★ 首届国家期刊奖获奖期刊
- ★ 中国医学专业核心期刊
- ★ 中国科技论文统计源期刊
- ★ 美国《化学文摘》(CA)收录期刊
- ★ 俄罗斯《文摘杂志》(AJ)收录期刊
- ★ 波兰《哥白尼索引》(IC)收录期刊

ISSN 1003-0034



中国中西医结合学会 中国中医科学院 主办

SPONSOR: Chinese Association of the Integration of Traditional and Western Medicine; China Academy of Chinese Medical Sciences

中国骨伤[®]

CHINA JOURNAL OF ORTHOPAEDICS AND TRAUMATOLOGY

月刊 1987 年创刊 第 20 卷 第 9 期 2007 年 9 月 25 日出版

主管

国家中医药管理局

主办

中国中西医结合学会
中国中医科学院

100700, 北京市东直门内南小街 16 号

编辑

中国骨伤杂志编辑委员会
100700, 北京市东直门内南小街甲 16 号
电话: (010) 84020925
传真: (010) 84036581
<http://www.zggszz.com>
E-mail: zggszz@sina.com

主编

董福慧

编辑部主任

李为农

出版

《中国骨伤》杂志社
100700, 北京市东直门内南小街甲 16 号
电话: (010) 64014411 - 2693
传真: (010) 84036581
E-mail: zggszz@sina.com

广告经营许可证

京东工商广字 0130 号

印刷

北京乾沣印刷有限公司

发行

国内: 北京报刊发行局
国外: 中国国际图书贸易总公司
(北京 399 信箱, 100044 代号 M587)

订购

全国各地邮局
邮发代号 82 - 393

邮购

《中国骨伤》杂志社
100700, 北京市东直门内南小街甲 16 号
电话: (010) 64014411 - 2693
传真: (010) 84036581
E-mail: zggszz@sina.com

定价

每期 9.80 元, 全年 117.60 元

中国标准连续出版物号

ISSN 1003 - 0034
CN 11 - 2483/R

版权归《中国骨伤》杂志社所有

本刊刊出的所有文章不代表本刊编委会的观点, 除非特别声明

目 次

重要新闻

- 推进继承创新, 发挥特色优势, 坚定不移地发展中医药事业
——吴仪副总理在全国中医药工作会议上的讲话节选 (585)

临床研究

- 人工寰齿关节设计依据及可行性分析 胡勇, 杨述华, 谢辉, 等 (587)
踝关节骨折手术治疗的综合分析 陈金栋, 侯树勋, 李文锋 (592)
后路小切口人工全髋关节置换治疗老年人股骨颈骨折 祝海炳, 蒋垚, 龙亨国, 等 (594)
刮除植骨治疗骨巨细胞瘤的临床研究 薛青贵, 林国兵, 郭文荣 (597)
儿童手部爆炸伤的分类与治疗策略 王兵, 康庆林 (599)

基础研究

- 活血化瘀中药对激素性股骨头缺血坏死血管内皮生长因子表达的影响 齐振熙, 陈磊 (601)
微动对骨折端骨密度的影响 乔林, 侯树勋, 张树明, 等 (603)

- 股骨干骨折髓内钉远端徒手锁钉技术及应用解剖学研究 盛韶山, 邢光霞, 潘志军 (605)

骨伤论坛

- 非骨水泥型全髋关节假体治疗强直性脊柱炎 冯建翔, 何志勇, 狄正林, 等 (608)
人工全髋关节置换术后下肢深静脉血栓形成的多因素分析 顾海伦, 王欢, 段景柱 (611)

经验交流

- 带血管蒂皮瓣在指腹缺损中的应用 王相, 邢志利, 林涧, 等 (614)
不稳定型骨盆骨折的内固定治疗 肖玉周, 周建生, 张长春, 等 (616)
克氏针内固定并人工骨填塞治疗跟骨骨折 刘志安, 邓斌, 康书鹏, 等 (619)

后路经椎弓根固定合前路病灶清除植骨融合治疗腰骶部脊柱结核	陈建良,张龙君,郑晓东,等(622)
摩托车致重度胫骨平台骨折手术治疗分析	黄肖华,朱少廷,廖小波,等(625)
保留脊柱后韧带复合体腰椎管扩大术的临床应用	周福财,姜长明,马凯(626)
经皮内固定治疗髌骨骨折	陈红卫,潘俊,赵钢生,等(628)
创伤性浮膝合并血管损伤的诊断及治疗	李贵林,王立胜,徐东明,等(629)
小切口膝后内侧入路手术治疗后交叉韧带胫骨止点撕脱骨折	俞汝霞,李光辉,张旭(631)
改良克氏针内固定治疗锁骨骨折	周金贤,梁冰(632)
前踝骨折诊治分析 5 例	向君华,曾荻洵(633)
关节镜辅助下小切口松解术治疗膝关节僵直	石仕元,顾军,余涌杰(634)
跖骨骨折 43 例手术治疗体会	钮文格,顾晓东,徐俊刚,等(636)
牵引式夹板治疗桡骨远端粉碎性骨折	钱文亮,潘月勤,梁爱军,等(637)
关节镜下微创重建膝前交叉韧带术	陈刚,刘明,贾少华(638)
带锁髓内钉治疗胫骨多段骨折	乔高山,朱乐银,何耀国,等(640)
四肢神经损伤漏诊原因分析及避免漏诊措施	刘京新,于红卫,牟玉萍(641)
手术治疗 22 例浮膝体会	戚有成,徐南伟,周栋,等(642)
研究简报	
骨松宝胶囊治疗老年人胸腰椎压缩性骨折疗效分析	汤勇智,杨俊龙(644)
技术与方法	
介绍一种修复踇趾末节软组织缺损的新方法	张功林,章鸣,蔡国荣,等(621)
手法介绍	
手法治疗非牵拉力致桡骨小头半脱 22 例	邬强,汪再庆,赵小松,等(645)
手法复位加石膏外固定治疗儿童盖氏骨折	刘西纺,周健,韩文战,等(646)
吴氏正骨治疗 Colles 骨折 16 例	徐斌(647)
病例报告	
局限性结节性滑膜炎 1 例	孟凡光,刘晓平(610)
短篇报道	
滑动加压螺钉加松质骨螺钉治疗股骨转子间骨折	齐春贵,郭艾,李强(651)
综述	
化脓性脊椎炎的诊断研究进展	刘禹,陈维善(649)
下颈椎内固定治疗进展及问题探讨	王庆,徐荣明,马维虎(652)
中医药治疗骨肉瘤研究进展	李玉梅,陈永强(655)
继续教育园地	
《中国骨伤》2007 年第 9 期继续教育试题	(对正文 656 页)
消息	
《矫形外科手术技巧系列》光盘出版通知……(591) 《中国骨伤》2008 年征订启事……(596) 《临床骨科杂志》《中华创伤骨科杂志》《中国脊柱脊髓杂志》征订启事……(593,600,607) 北京汉章针刀医学研究院培训学校,北京针刀总医院联合招生……(613) 第七届全国骨盆与髋臼骨折诊疗新进展研讨会暨第三届全国骨科微创新技术与关节、脊柱功能重建新进展研讨会……(618)	
广告目次	
	(648)

本期责任编辑：连智华

CHINA JOURNAL OF ORTHOPAEDICS AND TRAUMATOLOGY

Monthly Established in 1987 Volume 20, Number 9 September 25, 2007

Responsible Institution

State Administration of
Traditional Chinese Medicine

Sponsor

Chinese Association of the
Integration of Traditional and
Western Medicine;
China Academy of Chinese Medicine
Sciences
No. 16, Nanxiaojie, Dongzhimennei,
Beijing 100700, China

Editing

Editorial Board of China Journal of
Orthopaedics and Traumatology
No. 16A, Nanxiaojie, Dongzhimennei,
Beijing 100700, China
Tel: 0086 - 10 - 84020925
Fax: 0086 - 10 - 84036581
http://www.zggszz.com
E-mail: zggszz@sina.com

Editor-in-Chief

DONG Fu-hui (董福慧)

Managing Director

LI Wei-nong (李为农)

Publishing

Publishing house, China Journal of Orthopaedics and Traumatology
No. 16A, Nanxiaojie, Dongzhimennei,
Beijing 100700, China
Tel (Fax): 0086 - 10 - 84036581
E-mail: zggszz@sina.com

Printing

Beijing Qianfeng Printing Co., Ltd

Overseas Distributor

China International Book Trading Corporation
P. O. Box 399, Beijing, China
Code No. M587

Mail-order

Publishing house, China Journal of Orthopaedics and Traumatology
No. 16A, Nanxiaojie, Dongzhimennei,
Beijing 100700, China
Tel (Fax): 0086 - 10 - 84036581
E-mail: zggszz@sina.com

CSSN

ISSN 1003 - 0034
CN 11 - 2483/R

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

MAIN CONTENTS

Clinical study

- Anatomical study for the design of artificial atlanto-odontoid joint and to analysis its feasibility*
HU Yong, YANG Shu-hua, XIE Hui, et al (587)
- Study on the surgical treatment for ankle fracture*
CHEN Jin-dong, HOU Shu-xun, LI Wen-feng (592)
- Total hip arthroplasty with posterior minimal incision for the treatment of femoral neck fracture in the aged people*
ZHU Hai-bing, JIANG Yao, LONG Heng-guo, et al (594)
- Treatment of giant-cell tumor of bone with curettage and bone-grafting*
XUE Qing-gui, LIN Guo-bing, GUO Wen-rong (597)
- Classification and treatment of hand explosive injury in children*
WANG Bing, KANG Qing-lin (599)

Experimental research

- Effect of traditional Chinese blood-activating and stasis-eliminating herbs on the expression of vascular endothelial growth factor in rabbits with glucocorticoid-induced femoral head necrosis*
QI Zhen-xi, CHEN Lei (601)
- Effects of micromovement on the bone mineral density of the broken end of bone fractures*
QIAO Lin, HOU Shu-xun, ZHANG Shu-ming, et al (603)
- Study of interlocking intramedullary nail locked with the free-hand technique in femoral shaft fractures and the applied anatomy*
SHENG Shao-shan, XING Guang-xia, PAN Zhi-jun (605)

Forum for orthopaedics and traumatology

- Cementless total hip arthroplasty in the treatment of patients with ankylosing spondylitis*
FENG Jian-xiang, HE Zhi-yong, DI Zheng-lin, et al (608)
- Risk factors affected deep vein thrombosis after total hip arthroplasty
GU Hai-lun, WANG Huan, DUAN Jing-zhu (611)

Empirical communication

- Application of skin flap with vascular pedicle to the repair of digital pulp defects*
WANG Xiang, XING Zhi-li, LIN Jian, et al (614)
- Surgical treatment of unstable pelvic fractures with internal fixation*
XIAO Yu-zhou, ZHOU Jian-sheng, ZHANG Chang-chun, et al (616)
- Kirschner wires fixation and ACPC grafting for the treatment of fractures of the calcaneus*
LIU Zhi-an, DENG Bin, KANG Shu-peng, et al (619)
- Pedicle screw-rod internal fixation through posterior approach combined with debridement of the focus of infection through anterior approach and bone graft for the treatment of tuberculosis of lumbosacral spine*
CHEN Jian-liang, ZHANG Long-jun, ZHENG Xiao-dong, et al (622)

Analysis of surgical treatment for severe tibial plateau fracture caused by motorcycle accidents	
HUANG Xiao-hua, ZHU Shao-ting, LIAO Xiao-bo, et al	(625)
Clinical application of the enlargement of lumbar spinal canal with the posterior ligamentous complex reserved	
ZHOU Fu-cai, JIANG Chang-ming, MA Kai	(626)
Treatment of patellar fractures with percutaneous internal fixation	
CHEN Hong-wei, PAN Jun, ZHAO Gang-sheng, et al	(628)
Diagnosis and treatment of traumatic floating knee combined with blood vessel injuries	
LI Gui-lin, WANG Li-sheng, XU Dong-ming, et al	(629)
Surgical method with minimal incision through posterior medial approach for the treatment of avulsed fracture of posterior cruciate ligament	
YU Ru-xia, LI Guang-hui, ZHANG Xu	(631)
Modified Kirschner-wire internal fixation for the treatment of fractures of the clavicle	
ZHOU Jin-xian, LIANG Bing	(632)
Diagnosis and treatment of anterior malleolus fracture of the ankle:a report of 5 cases	
XIANG Jun-hua, ZENG Di-xun	(633)
Treatment of ankylosis of the knee through a small incision assisted by arthroscopy	
SHI Shi-yuan, GU Jun, YU Yong-jie	(634)
Surgical treatment of metatarsal fractures:a report of 43 cases	
NIU Wen-ge, GU Xiao-dong, XU Jun-gang, et al	(636)
Treatment of comminuted fracture of distal end of the radius with traction splint	
QIAN Wen-liang, PAN Yue-qin, LIANG Ai-jun, et al	(637)
Reconstruction of the anterior cruciate ligament with minimally invasive knee arthroscopy	
CHEN Gang, LIU Ming, JIA Shao-hua	(638)
Treatment of multi-segmental fracture of the tibia with interlocking intramedullary nail	
QIAO Gao-shan, ZHU Le-yin, HE Yao-guo, et al	(640)
Causes of misdiagnosis for peripheral nerve injuries in extremities and its preventing methods	
LIU Jing-xin, YU Hong-wei, MU Yu-ping	(641)
Surgical treatment of float knee:a report of 22 cases	
QI You-cheng, XU Nan-wei, ZHOU Dong, et al	(642)
Brief research	
An analysis of the efficacy of treatment of thoracolumbar compression fracture in elderly persons with Gusongbao capsule(骨松宝胶囊)	
TANG Yong-zhi, YANG Jun-long	(644)
Technique and method	
Introduction of a new method for repairing of soft-tissue defect in the distal phalanx of big toe	
ZHANG Gong-lin, ZHANG Ming, CAI Guo-rong, et al	(621)
Recommendation for maneuver	
Manipulative method for the treatment of subluxation of radial head induced by non-drag force in 22 cases	
WU Qiang, WANG Zai-qing, ZHAO Xiao-song, et al	(645)
Manipulative reduction combined with plaster cast for the treatment of Galeazzi fracture in children	
LIU Xi-fang, ZHOU Jian, HAN Wen-zhan, et al	(646)
Treatment of Colles fractures with Wu method of manipulation:a report of 16 cases	
XU Bin	(647)
Case report	
Treatment of localized nodular synovitis:a report of 1 case	
MENG Fan-guang, LIU Xiao-ping	(610)
Reviews	
Progress of research for the diagnosis on suppurative spondylitis*	
LIU Yu, CHEN Wei-shan	(649)
Treatment with internal fixation in lower cervical spine*	
WANG Qing, XU Rong-ming, MA Wei-hu	(652)
Progress of research on Traditional Chinese Medical therapy for osteosarcoma	
LI Yu-mei, CHEN Yong-qiang	(655)

* With English abstract