

# 中国骨伤<sup>®</sup>

ZHONGGUO GUSHANG

月刊 1987 年创刊 第 32 卷 第 8 期 2019 年 8 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

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)64089487  
传真:(010)64089792  
<http://www.zggszz.com>  
E-mail:zggszz@sina.com

主 编 董福慧

执行主编 李为农

编辑部副主任 连智华

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)64089489  
传真:(010)64089792  
E-mail:zggszz@sina.com

广告经营许可证

京东工商广登字 20180004 号

印 刷

北京汇林印务有限公司

发 行

国内:中国邮政集团公司  
北京市报刊发行局  
海外:中国国际图书贸易集团  
有限公司  
(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

国 内 定 价

每期 30.00 元,全年 360.00 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

述评

- 急性跟腱断裂治疗的相关热点问题 ..... 683  
徐海林

跟腱断裂

- 跟腱断裂术后即刻功能锻炼的临床研究 ..... 692  
杨广钢,潘永雄,李中万,雷航
- 超声引导下小切口横穿联合交叉固定技术治疗急性闭合性跟腱断裂 ..... 712  
郑鑫,陈滔,黄杨,宫小康,江浪清,李永生,陈伟杰,阮建伟,王海宝
- 腓肠肌腱膜瓣翻转联合阔筋膜移植治疗跟腱再断裂 ..... 717  
冒海军,许光跃
- 带线锚钉联合 V-Y 腱成形术治疗陈旧性跟腱断裂 ..... 727  
施建东,金晶,李玢,张志敬,滕王锶源,卢一生

临床研究

- 不同手术入路的双钢板技术在全膝关节置换术后股骨假体周围骨折中的应用 ..... 686  
张占丰,邢时通,严世贵,吴立东,吴浩波,施利华
- Chiari 骨盆内移截骨治疗儿童股骨头缺血坏死的远期疗效分析 ..... 696  
臧俊亭,王宇航,冯卫,刘建国,李冬松,赵星宇,高航,李长胜
- 肩关节镜下两种方法治疗肱二头肌长头肌腱炎的对比研究 ..... 701  
张波,袁义,章海均,罗浩,杨超
- 胫骨高位截骨术治疗膝关节骨性关节炎随访 10 年的临床观察 ..... 707  
张广瑞,姜金,刘嘉鑫,雷栓虎,谭小义,韵向东,夏亚一
- 氨甲环酸联合屈髋屈膝对单侧全膝关节置换围手术期出血的影响 ..... 759  
潘定权,陈玲丽,孙飚,俞喆,葛剑斌,缪美芬

基础研究

- $\beta$ -catenin 与 NF- $\kappa$ B 信号通路在膝骨关节炎滑膜炎症中的表达特点及意义 ..... 721  
张栋,王庆甫,张晓哲,阮安民,田宇,刘思婷,樊小燕,沈家豪

不同血清型腺相关病毒对小鼠膝关节软骨细胞感染效率的比较研究	750
胡家铭,陈权,周金依,吴锦婷,余欢,付方达,阮红峰,肖鲁伟,吴承亮,童培建	

## 循证医学

两种截骨术式治疗中重度拇外翻影像学效果与临床疗效的系统评价	765
邓伟,陈宇,李亚星,吴仕舟,任毅,黄富国,张晖	

## 经验交流

腕关节镜辅助下切开复位经骨窗植骨内固定治疗桡骨远端 die-punch 骨折	731
程亚博,杨顺	
软组织恶性纤维组织细胞瘤的超声及 MRI 影像表现	736
梁海燕,胡新娥,徐万里,韩运生	
三步序贯法治疗四肢皮肤软组织缺损合并骨或肌腱外露创面	742
杜伟斌,王利祥,吴国明,许良,申丰,曾林如	
固定平台单髁置换术治疗膝关节内侧骨关节炎	755
曾智敏,陶崑,凌晶,黄哲宇,狄正林	

## 病例报告

反式肩关节置换治疗陈旧性肱骨近端骨折伴肱骨头缺如 1 例	746
谢尚举,曹国平,全仁夫,汪灿峰	
闭合复位治疗髌骨关节内下旋型脱位 1 例与文献回顾	772
陈斌,孙久强,魏杰	

## 综述

成人肱骨远端低位通髄骨折的诊疗进展	774
花克涵,查晔军,陈辰,卢帅,孙伟桐,公茂琪,蒋协远	

## 消息

《中国骨伤》杂志 2019 年重点专题征稿通知	对中文目次 1
中国中西医结合学会脊柱医学专业委员会第 12 届学术年会通知	对中文目次 1

本期责任编辑:李宜

# CHINA JOURNAL OF ORTHOPAEDICS AND TRAUMATOLOGY

Monthly Established in 1987 Volume 32 , Number 8 August 25 , 2019

## Responsible Institution

State Administration of  
Traditional Chinese Medicine

## Sponsor

Chinese Association of Integrative  
Medicine;  
China Academy of Chinese Medical  
Sciences  
No.16 Nanxiaojie Dongzhimennei,  
Beijing 100700, China

## Editing

Editorial Board of China Journal of  
Orthopaedics and Traumatology

## Editor-in-Chief

DONG Fu-hui(董福慧)

## Executive Editor

LI Wei-nong(李为农)

## Assistant Director

LIA N Zhi-hua(连智华)

## Publishing

Publishing House, China Journal of  
Orthopaedics and Traumatology  
No.16A Nanxiaojie Dongzhimennei,  
Beijing 100700, China  
Tel(Fax): 0086-10-64089792  
E-mail: zggsszz@sina.com

## Printing

Beijing Huilin 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): 0086-10-64089792  
E-mail: zggsszz@sina.com

## CSSN

ISSN 1003-0034  
CN 11-2483/R

## Copyright © 2019 by the China Journal of Orthopaedics and Traumatology Press

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

## CONTENTS IN BRIEF

### Forum of specialist

- Some hot issues on treatment for acute Achilles tendon rupture ..... 683  
XU Hai-lin

### Achilles tendon rupture

- Clinical investigate of functional exercise immediate after operation for Achilles  
tendon rupture\* ..... 692  
YANG Guang-gang, PAN Yong-xiong, LI Zhong-wan, LEI Hang

- Ultrasound - guided minimal traverse - cross technique repair for acute closed  
Achilles tendon ruptures\* ..... 712  
ZHENG Xin, CHEN Tao, HUANG Yang, GONG Xiao-kang, JIANG Lang-qing,  
LI Yong-sheng, CHEN Wei-jie, RUAN Jian-wei, WANG Hai-bao

- Turning over rough surface of aponeurosis of gastrocnemius with fascia lata graft  
for Achilles tendon rerupture\* ..... 717  
MAO Hai-jun, XU Guang-yue

- Clinical effects of suture anchor with V-Y tenoplasty in treating old Achilles ten-  
don rupture\* ..... 727  
SHI Jian-dong, JIN Jing, LI Bin, ZHANG Zhi-jing, TENGWANG Si-yuan,  
LU Yi-sheng

### Clinical study

- Double plating through different approaches for periprosthetic femoral fracture  
following total knee arthroplasty\* ..... 686  
ZHANG Zhan-feng, XING Shi-tong, YAN Shi-gui, WU Li-dong, WU Hao-bo,  
SHI Li-hua

- Long-term outcomes of Chiari osteotomy for Legg-Calvé-Perthes disease in chil-  
dren\* ..... 696  
ZANG Jun-ting, WANG Yu-hang, FENG Wei, LIU Jian-guo, LI Dong-song,  
ZHAO Xing-yu, GAO Hang, LI Chang-sheng

- Comparison of two different arthroscopic techniques for long head of biceps ten-  
dinitis\* ..... 701  
ZHANG Bo, YUAN Yi, ZHANG Hai-jun, LUO Hao, YANG Chao

- Clinical observation of high tibial osteotomy for knee osteoarthritis\* ..... 707  
ZHANG Guang-rui, JIANG Jin, LIU Jia-xin, LEI Shuan-hu, TAN Xiao-yi,  
YUN Xiang-dong, XIA Ya-yi

- Effect of tranexamic acid combined flexion position of hip and knee on periopera-  
tive bleeding following unilateral total knee arthroplasty\* ..... 759  
PAN Ding-quan, CHEN Ling-li, SUN Biao, YU Zhe, GE Jian-bin, MIAO Mei-fen

### Experimental research

- Expression and significance of  $\beta$ -catenin and NF- $\kappa$ B signaling pathway in knee  
osteoarthritis synovial inflammation\* ..... 721

ZHANG Dong, WANG Qing-fu, ZHANG Xiao-zhe, RUAN An-min, TIAN Yu, LIU Si-ting, FAN Xiao-yan, SHEN Jia-hao	
<b>Comparative study on infection rate of different adeno-associated virus for knee joint cartilage in mice*</b>	750
HU Jia-ming, CHEN Quan, ZHOU Jin-yi, WU Jin-ting, YU Huan, FU Fang-da, RUAN Hong-feng, XIAO Lu-wei, WU Cheng-Liang, TONG Pei-jian	

## Evidence based medicine

<b>Chevron osteotomy versus Scarf osteotomy for the efficacy of radiographic and clinical in moderate and severe hallux valgus:a systematic review*</b>	765
DENG Wei, CHEN Yu, LI Ya-xing, WU Shi-zhou, REN Yi, HUANG Fu-guo, ZHANG Hui	

## Empirical communication

<b>Wrist arthroscopy assisted open reduction and bone graft through bone window internal fixation for the treatment of distal radius die-punch fractures*</b>	731
CHENG Ya-bo, YANG Shun	
<b>Ultrasound and MRI features of malignant fibrous histiocytoma of soft tissue*</b>	736
LIANG Hai-yan, HU Xin-e, XU Wan-li, HAN Yun-sheng	
<b>Three-step sequential method for limb skin and soft tissue defect combined with bone or tendon exposed wound*</b>	742
DU Wei-bin, WANG Li-xiang, WU Guo-ming, XU Liang, SHEN Feng, ZENG Lin-ru	
<b>Fixed-bearing unicompartmental knee arthroplasty for medial compartmental knee osteoarthritis*</b>	755
ZENG Zhi-min, TAO Kun, LING Jing, HUANG Zhe-yu, DI Zheng-lin	

## Case report

<b>A case report of old proximal humerus fracture with absent of the humerus head treated by inverse total shoulder replacement</b>	746
XIE Shang-ju, CAO Guo-ping, QUAN Ren-fu, WANG Can-feng	
<b>Close reduction for the treatment of inferior intra-articular dislocation of patella:a case report and literature review</b>	772
CHEN Bin, SUN Jiu-qiang, WEI Jie	

## Review

<b>Progress on diagnosis and treatment of low transcondylar fractures of distal humerus*</b>	774
HUA Ke-han, ZHA Ye-jun, CHEN Chen, LU Shuai, SUN Wei-tong, GONG Mao-qi, JIANG Xie-yuan	

\*With English abstract