

ISSN 1004-406X
CN 11-3027/R

中国脊柱脊髓杂志

2012年9月 第22卷 第9期 (总第186期)

CHINESE
JOURNAL of
SPINE and
SPINAL CORD

Volume 22 Number 9

中国科学引文数据库 (CSCD) 来源期刊
中国科技核心期刊

全国邮局订阅
邮发代号: 82-457

ISSN 1004-406-X 09>
9 771004 100000
万方数据



中华人民共和国卫生部
中国康复医学会

中国脊柱脊髓杂志

Zhongguo Jizhu Jisui Zazhi

月刊 1991年10月创刊 第22卷 第9期 2012年9月10日出版 (总第186期)



主管

中华人民共和国卫生部

主办

中国康复医学会
中日友好医院

编辑

《中国脊柱脊髓杂志》编委会
100029 北京市朝阳区樱花园东街
中日友好医院内
电话: (010)64284923, 84205233
传真: (010)64284923
E-mail: cspine@263.net.cn
http://www.cspine.org.cn

主编

张光铂 侯树勋

编辑部主任

李中实

出版

《中国脊柱脊髓杂志》杂志社

印刷

北京画中国画印刷有限公司

发行

国内: 北京市报刊发行局
国外: 中国国际图书贸易总公司
100044 北京车公庄西路35号
杂志国外代号 BM6688

订购

全国各地邮局 邮发代号 82-457

邮购

《中国脊柱脊髓杂志》发行部
100029 北京市朝阳区樱花园东街
中日友好医院内
电话/传真: (010)84205510

广告经营许可证

京朝工商广字 0148号

国内定价

每期16元, 全年192元

刊号

ISSN 1004-406X
CN 11-3027/R

本期执行主编 王自立

本期责任编辑 李伟霞

目次

述评

恰当选择脊柱结核手术入路

王自立(769)

专家论坛

关于脊柱结核手术入路的选择

(771)

脊柱结核手术入路的合理选择

金大地(771)

脊柱结核病灶清除的手术入路问题

吕国华(772)

胸椎结核后入路手术的优点与适应证

张宏其(773)

关于脊柱结核病灶清除术的入路问题

马远征(774)

临床论著

腹膜后入路腹腔镜下手术治疗腰椎结核

唐勇, 沈慧勇, 高梁斌, 等(775)

颅脊交界疾患经口手术的枕寰枢置钉策略

艾福志, 尹庆水, 夏虹, 等(779)

经口咽寰枢椎侧块关节复位块状骨支撑植骨

治疗颅底凹陷症并寰枢椎脱位

王建华, 夏虹, 尹庆水, 等(786)

经前路枕颈融合术斜坡置钉的影像学研究

季伟, 赵浩增, 王向阳, 等(792)

气囊漏气试验指导 TARP 内固定术后拔除气管导管的应用分析

刘云松, 古正涛, 许文平, 等(797)

Magerl技术联合单侧椎板夹固定融合术治疗可复性寰枢椎脱位的疗效
-----李浩森,刘少喻,梁春祥,等(801)

寰椎骨折合并不连续下颈椎骨折脱位的外科治疗
-----胡 勇,徐荣明,赵红勇,等(806)

微创 Wiltse 入路与传统后正中入路手术治疗双节段腰椎管狭窄症的疗效比较
-----黎庆初,尹刚辉,张忠民,等(812)

皮节体感诱发电位在术中评价腰骶神经根减压效果的价值
-----高维涛,李 放,章建萍(818)

基础研究

A 型肉毒毒素一侧椎旁肌注射建立双足直立鼠脊柱侧凸模型的初步研究
-----沈晓龙,周许辉,刘 洋,等(824)

显微 CT 旋转步长对牛腰椎松质骨重建图像及数据的影响
-----陶剑锋,赵丹慧,吴成爱,等(829)

犬同种异体椎间盘复合髓核细胞移植初探
-----辛洪奎,张 超,王德利,等(835)

重组腺相关病毒介导人端粒酶逆转录酶基因转染对人髓核细胞功能的影响
-----吴剑宏,阮狄克,王德利,等(843)

综述

髓核细胞鉴定方法的相关研究进展
-----董俊文,李浩鹏(850)

实验动物椎间盘特征在选择椎间盘退变模型中的意义
-----赵丹慧,吴成爱,王 娜,等(854)

平山病发病机制及治疗研究进展
-----刘 鑫,孙 宇(857)

神经电生理监测在腰椎手术中的应用
-----高维涛,李 放(861)

会议纪要

第三届全国脊髓损伤治疗与康复研讨会会议纪要
-----关 骅,白金柱(811)

Chinese Journal of Spine and Spinal Cord

Monthly Established in October, 1991 Volume 22, Number 9 September 10, 2012

Responsible Institution

Ministry of Health, P.R.C

Sponsor

Chinese Association of Rehabilitation
Medicine
China-Japan Friendship Hospital

Editing

Editorial Board of Chinese Journal of
Spine and Spinal Cord
Address: China-Japan Friendship Hospi-
tal, Yinghuayuan East Street, Beijing,
China, 100029
Tel: (010)64284923, 84205233
Fax: (010)64284923
E-mail: cspine@263.net.cn
http://www.cspine.org.cn

Editor-in-chief

ZHANG Guangbo (张光铂)
HOU Shuxun (侯树勋)

Managing Director

LI Zhongshi (李中实)

Publishing

Chinese Journal of Spine and Spinal
Cord Publisher

Printing

Beijing Picture in Picture Printing
Co. Ltd

Overseas Distributor

China International Book Trading Cor-
poration (P.O Box 399, Beijing, China)
Code No. BM6688

Mail Order

Editorial Department of Chinese Journal
of Spine and Spinal Cord
Address: China-Japan Friendship Hospi-
tal, Yinghuayuan East Street, Beijing,
China, 100029

CSSN

ISSN 1004-406X
CN 11-3027/R

CONTENTS IN BRIEF

Editorial

Surgical approach choice for spinal tuberculosis----- (769)
WANG Zili

Surgical approach choice for spinal tuberculosis----- (771)
The rational surgical approach for spinal tuberculosis----- (771)
JIN Dadi

Surgical approach for spinal tuberculosis debridement----- (772)
LV Guohua

The advantage and indication of posterior approach
for thoracic spine tuberculosis----- (773)
ZHANG Hongqi

Surgical approach for spine tuberculosis debridement----- (774)
MA Yuanzheng

Original articles

Retroperitoneal laparoscopic surgery for lumbar spine tuberculosis----- (775)
TANG Yong, SHEN Huiyong, GAO Liangbin, et al

Screw placement strategy of transoral occipitoatlantoaxial instrumentation
for craniocervical junction diseases----- (779)
AI Fuzhi, YIN Qingshui, XIA Hong, et al

Treatment of basilar invagination associated with atlantoaxial dislocation through
distracting and reducing the atlas-axis facet joint and implanting
struct allograft bone by transoral approach----- (786)
WANG Jianhua, XIA Hong, YIN Qingshui, et al

Anterior screw placement in occipital clivus for craniovertebral fusion:
an imaging study----- (792)
JI Wei, ZHAO Haozeng, WANG Xiangyang, et al

The cuff-leak test on guiding the extubation after transoral
atlantoaxial reduction and plate surgery----- (797)
LIU Yunsong, GU Zhengtao, XU Wenping, et al

The efficacy of the Magerl technique combined with unilateral laminar clamp instrumentation
for reducible atlantoaxial dislocation----- (801)
LI Haomiao, LIU Shaoyu, LIANG Chunxiang, et al

Surgical treatment for atlas fractures combined with noncontiguous lower cervical fracture-dislocation----- (806)
HU Yong, XU Rongming, ZHAO Hongyong, et al

The minimally invasive operation by Wiltse approach versus traditional posterior open surgery in treatment
of dural-level lumbar spinal stenosis----- (812)
LI Qingchu, YIN Ganghui, ZHANG Zhongmin, et al

The value of dermatomal somatosensory evoked potentials on the evaluation of lumbosacral nerve root
decompression during operation----- (818)
GAO Weitao, LI Fang, ZHANG Jianping, et al

Basic research

Injection of Botulinum toxin A into unilateral paraspinal muscles to establish scoliosis model
in immature bipedal rats----- (824)
SHEN Xiaolong, ZHOU Xuhui, LIU Yang, et al

The effect of micro-CT rotating step on reconstructed image and data of bovini lumbar cancellous bone----- (829)
TAO Jianfeng, ZHAO Danhui, WU Chengai, et al

Tissue engineered allograft total disc transplantation using exogenous nucleus pulposus cells:
an experimental study in a beagle model----- (835)
XIN Hongkui, ZHANG Chao, RUAN Dike, et al

Effect on function of human nucleus pulposus(HNP) cells transfected by the recombinant
adeno-associated virus vector-mediated human telomerase reverse transcriptase gene----- (843)
WU Jianhong, RUAN Dike, WANG Deli, et al

Review articles

Advancement in the identification methods of nucleus pulposus cells----- (850)
DONG Junwen, LI Haopeng

The significance of intervertebral disc characteristic in selecting
degenerative model of laboratory animal----- (854)
ZHAO Danhui, WU Chengai, WANG Na, et al

Hirayama disease: pathogenesis and treatment----- (857)
LIU Xin, SUN Yu

Neurophysiological monitoring in lumbar spine surgery----- (861)
GAO Weitao, LI Fang