

# 中国微侵袭神经外科杂志

Zhongguo Weiqinxixue Shenjingwaike Zazhi

月刊 1996年3月创刊 第16卷第5期(总第131期) 2011年5月20日出版

## 主 管

广州军区联勤部卫生部  
510063,广州市东风东路

## 主 办

广州军区广州总医院  
510010,广州市流花路111号

## 名誉主编

王忠诚 史玉泉 段国升

## 总 编 辑

王伟民

## 编辑部主任

高燕华

## 编辑出版及邮购

中国微侵袭神经外科杂志编辑部  
地址:广州市流花路111号  
邮编:510010  
电话:(020)36654596  
传真:(020)36221117  
电子信箱:cmins@vip.163.com  
网址:www.cmins.com/

## 印 刷

花山印刷厂  
广州市花都区花山镇两龙路37号

## 国内发行

广州市邮政报刊发行局  
广州市越秀区明月二路26号

## 国外发行

中国国际图书贸易总公司  
(北京399信箱,100044)  
代号:M4806

## 订 购

全国各地邮局 邮发代号:46-217

## 定 价

10.00元/期,120.00元/卷

## 标准刊号

ISSN 1009-122X

CN 44-1459/R

## 广告经营许可证

4401004004383

## 责任编委

王伟民 高燕华

## 英文审校

王征爱

## 责任编辑

侯维娟 郭玉慧

## 责任排版

谭小琴

2011年版权归本刊编辑部所有

如有印刷质量问题,可向本刊编辑部调换

## 目 次

### 临床研究

- 库欣病术后相关缓解因素的研究 ..... 范长燕,施秀华,孙青芳,等 193  
枕部经小脑幕入路松果体区肿瘤切除术中直视下 ..... 方陆雄,邱炳辉,肖 昕,等 197  
经蝶窦显微手术与伽玛刀治疗泌乳素 ..... 苏海波,刘灵慧,陈善成,等 200  
微腺瘤的疗效对比 ..... 苏海波,刘灵慧,陈善成,等 200  
听神经瘤骨瓣成形术和骨窗术术后脑脊液 ..... 吴小军,胡国汉,钱 俊,等 203  
枕下远外侧入路的显微解剖学研究与临床应用 ..... 王舜尧,程宏伟,冯春国,等 206  
支架辅助微弹簧圈栓塞治疗后交通宽颈动脉瘤 ..... 陈立朝,许民辉,杨东虹,等 210  
导航辅助早期微侵袭治疗高血压性基底核区脑出血 ..... 夏寒松,刘向阳,赵明珠,等 213  
Chiari畸形合并颅颈交界畸形的处理策略 ..... 陈利锋,余新光,周定标,等 217  
原发性三叉神经痛的伽玛刀治疗 ..... 宋长龙,罗晓蓉,阴 峰,等 220  
脑动静脉畸形破裂出血并脑疝的急诊手术治疗 ..... 司 文,王文杰,牛国盛 221

### 实验研究

- 脑肿瘤干细胞的增殖活性与微血管密度的 ..... 李明武,牛朝诗,高 歌,等 223  
相关性研究 ..... 李明武,牛朝诗,高 歌,等 223  
自发性蛛网膜下腔出血早期脑损伤动物模型的建立 ..... 范高阳,王业忠,许 晖,等 227  
细胞色素C在兔蛛网膜下腔出血后 ..... 游鸿海,王灯亮,康德智,等 231  
脑血管痉挛中的作用 ..... 游鸿海,王灯亮,康德智,等 231

### 病例报告

- 丙泊酚颈内动脉注射行Wada试验1例 ..... 袁冠前,吕博川,韩 松,等 216

### 综 述

- 术中超声神经导航技术在颅内胶质瘤手术中的应用 ..... 董永飞 235  
眶上锁孔入路切除鞍区病变的解剖学研究及应用 ..... 冯子民 238

《中国微侵袭神经外科杂志》第四届编辑委员会委员名单 ..... 226

消 息 ..... 199,209,212,219,222,230

期刊基本参数: CN44-1459/R\*1996\*m\*A4\*48\*zh\*P\*¥10.00\*5 500\*16\*2011-05

# CHINESE JOURNAL OF MINIMALLY INVASIVE NEUROSURGERY

Monthly

Established in March 1996

Volume 16, Number 5 (131 in total)

May 2011

## Responsible Institution

Health Bureau of Guangzhou Command  
Dongfengdong Road, Guangzhou, 510063

## Sponsor

Guangzhou General Hospital of PLA  
111. Liuhua Road, Guangzhou, 510010

## Honorary Editor-in-Chief

Wang Zhongcheng, Shi Yuquan,  
Duan Guosheng

## Editor-in-Chief

Wang Weimin

## Managing Director

Gao Yanhua

## Editing, Publishing and Mail-Order

Editorial Department of Chinese Journal  
of Minimally Invasive Neurosurgery  
111. Liuhua Road, Guangzhou, 510010  
Tel : (020) 36654596

Fax : (020) 36221117

Email : cmnsj@vip.163.com

<http://www.cmnsj.com/>

## Printing

Huashan Printing Factory  
37. Lianglong Road, Huashan Town,  
Huadu District, Guangzhou

## Domestic Distributor

Guangzhou Post Office  
26. Mingyueer Road, Yuxiu District,  
Guangzhou

## Overseas Distributor

China International Book  
Trading Corporation  
(P. O. Box399, Beijing, 100044)  
Code No: M4806

## Order

Post Offices throughout the country  
Post Distribution Code: 46-217

## Price (Domestic)

Single: RMB 10.00 Annual: RMB 120.00

## CSSN

ISSN 1009-122X  
CN 44-1459/R

## Executive Editorial Board Member

Wang Weimin, Gao Yanhua

## English Reviser

Wang Zheng'ai

## Executive Editor

Hou Weijuan, Guo Yuhui

## Executive Compositor

Tan Xiaoqin

## CONTENTS IN BRIEF

### Study of correlative mitigating factors after the surgery for Cushing's disease

Fan Changyan, Shi Xiuhua, Sun Qingfang, *et al.* ..... 193

### Third ventriculostomy under direct vision in microsurgery for pineal region tumors via occipital transtentorial approach

Fang Luxiong, Qiu Binghui, Xiao Gang, *et al.* ..... 197

### Comparative study of transsphenoidal microsurgery and gamma knife radiosurgery in the treatment of prolactin-secreting microadenoma

Su Haibo, Liu Linghui, Chen Shancheng, *et al.* ..... 200

### Comparative study of cerebrospinal fluid wound leak caused by craniotomy and craniectomy in the removal of acoustic neuroma

Wu Xiaojun, Hu Guohan, Qian Jun, *et al.* ..... 203

### Microanatomical study and clinical application of the far lateral suboccipital approach

Wang Shunyao, Cheng Hongwei, Feng Chunguo, *et al.* ..... 206

### Stent-assisted microcoil embolization for posterior communicating wide-necked aneurysms

Chen Lizhao, Xu Minhui, Yang donghong, *et al.* ..... 210

### Navigation-assisted early minimally-invasive treatment for hypertensive cerebral hemorrhage in the basal ganglion

Xia Hansong, Liu Xiangyang, Zhao Mingzhu, *et al.* ..... 213

### Treatment of Chiari malformation with craniocervical junction malformation

Chen Lifeng, Yu Xinguang, Zhou Dingbiao, *et al.* ..... 217

### Correlation study of proliferative activity of brain tumor stem cells and microvessel density

Li Mingwu, Niu Chaoshi, Gao Ge, *et al.* ..... 223

### Establishment of early brain injury model after spontaneous subarachnoid hemorrhage in rabbits

Fan Gaoyang, Wang Yezhong, Xu Hui, *et al.* ..... 227

### Role of Cytochrome-C in cerebral vasospasm after subarachnoid hemorrhage in rabbit

You Honghai, Wang Dengliang, Kang Dezhi, *et al.* ..... 231