

# 中华普外科手术学杂志 (电子版)

CHINESE JOURNAL OF OPERATIVE PROCEDURES OF  
GENERAL SURGERY (Electronic Edition)

双月刊 2007年7月创刊 第11卷 第5期 2017年10月26日出版 光盘导读

## 主 管

中华人民共和国国家卫生和计划生育委员会

## 主 办

中华医学会

100710,北京东四西大街42号

## 出 版

中华医学电子音像出版社有限责任公司

100710,北京东四西大街42号

电话:0086-10-85158320

## 编 辑

中华普外科手术学杂志(电子版)编辑委员会

100700,北京市东城区南明仓5号

电话:0086-10-66721881 0086-10-64049986

传真:0086-10-64001388

网址: <http://zhpwksxxz.paperopen.com>

Email: zhpwksxx@126.com

## 总编辑

李世拥 张忠涛

## 编辑部主任

李世拥

## 广告经营许可证

京东工商广字第0233号

## 发 行

国内:北京报刊发行局

## 订 购

全国各地邮政局

邮发代号80-993

## 邮 购

中华普外科手术学杂志(电子版)编辑部

100700,北京市东城区南明仓5号

电话:0086-10-66721881 0086-10-64049986

传真:0086-10-64001388

## 光盘定价

每期35元,全年210元

## 中国标准连续出版物号

ISSN 1674-3946

CN 11-9293/R

## 2017年版权归中华医学会所有

未经授权,不得转载、摘编本刊文章,不得使用本刊的版式设计

除非特别声明,本刊刊出的所有文章不代表中华医学会和本刊编委会的观点

本刊为电子杂志,以光盘形式出版,本册应读者需求按需印刷,随光盘免费赠阅,光盘如有质量问题,请向编辑部调换。

## 目 次

### 院士述评

肝癌切除技术创新与发展 ..... 陈孝平 张万广 361

### 专家论坛

三维可视化联合3D腹腔镜右半肝切除的  
关键技术和优势 ..... 方驰华 张文宇 杨剑 364

腹腔镜小肝癌切除术难点与关键技术 .....  
..... 郭泓瑞 梁英健 孟凡征等 368

### 手术影院

吲哚菁绿荧光融合影像引导的腹腔镜解剖性  
肝切除术 ..... 王宏光 陈明易 许寅喆 372

完全腹腔镜下右半肝切除 ..... 许世峰 司伟 王建平 373

### 手术视频

腹腔镜下Glisson蒂横断法肝段切除 ..... 王超 余德才 374

腹腔镜胆道再次探查缝针穿刺胆管切开术 .....  
..... 谢智钦 唐才喜 陈迅等 375

### 论 著

单中心腹腔镜下肝癌肝切除术457例分析 .....  
..... 柴松山 王健 项帅等 376

腹腔镜下Glisson蒂横断法肝段切除策略 .....  
..... 王超 余德才 吴星宇等 380

三种不同肝切除术式治疗原发性肝癌的  
临床比较 ..... 魏鑫 刘斌 王飞通 383

能谱CT在诊断鉴别肝癌与FNH中的应用价值 .....  
..... 李飞飞 沈加林 387

肝脏纤维化指数对原发性肝癌患者术后生存  
状况的影响 ..... 刘溪涛 全林虎 刘立业 390

|   |              |     |
|---|--------------|-----|
| SWE 与实时组织弹性成像技术在甲状腺结节良恶性鉴别诊断中的价值分析 .....        | 刘培青 刘增礼 吴开良等 | 393 |
| 三种术式在甲状腺微小乳头状癌外科治疗中的应用效果比较 .....                | 张伟伟 李向农      | 397 |
| 三孔法腹腔镜右半结肠癌根治术的临床效果 .....                       | 何平 梁杰雄 邵天松等  | 400 |
| 减孔较五孔腹腔镜对结肠癌根治性切除术中出血量、淋巴结清扫数目<br>及恢复情况分析 ..... | 宋海良 李亚军 王晓琴等 | 403 |
| 引流辅助装置在腹部外科手术中的应用研究 .....                       | 付召军 杨玉辉 魏健等  | 406 |
| 浸润性导管癌超声造影血流动力学参数与 ER 及 HER2 表达相关性研究 .....      | 王海林 符建 储建华   | 410 |
| 腹腔镜下巨脾切除加贲门周围血管离断术治疗肝硬化门静脉高压的疗效分析 .....         | 张焱辉 蒋国庆 唐俊等  | 414 |
| 同期三镜、扩张导管、气囊鼻胆管治疗胆结石、乳头部梗阻 59 例 .....           | 陈安平 周华波 高原等  | 417 |
| 三种术式治疗胆囊结石合并胆总管结石的临床效果比较 .....                  | 李攀 张彦 张征等    | 420 |
| 加速康复外科技术在腹腔镜胆囊切除围术期的应用 .....                    | 朱双九 郝占伟 明亮   | 423 |
| 胆囊并胆总管结石两种术式的临床疗效分析 .....                       | 黎万里 郑勇       | 426 |
| 腹部损伤为主的严重多发伤急救外科策略及效果探讨 .....                   | 王晓彦 於平 韩意等   | 429 |
| CME 治疗右半结肠癌效果及安全性分析 .....                       | 高一飞 穆向明 蒋浩海等 | 432 |
| 大肠癌合并肝脏转移患者的同期微创手术疗效分析 .....                    | 朱斌 张丽 谷昊     | 435 |
| 微卫星不稳定性和肝细胞生长因子对结肠癌患者生存状况的影响 .....              | 张钊 何平 张树琦等   | 439 |
| 手助腹腔镜与单纯腹腔镜直肠癌根治术的临床疗效对比 .....                  | 梁波 黄家庆 唐勤富等  | 443 |
| 腹腔镜下结肠癌肝转移一期手术 23 例临床疗效 .....                   | 孙自友          | 446 |

## 临床经验

|                               |           |     |
|-------------------------------|-----------|-----|
| 应用亚甲蓝作为乳腺癌前哨淋巴结示踪剂的临床分析 ..... | 颜晓敏 章联 许诚 | 449 |
|-------------------------------|-----------|-----|

## 读者·作者·编者

|                                      |  |     |
|--------------------------------------|--|-----|
| 《中华普外科手术学杂志(电子版)》2018 年度每期重点内容 ..... |  | 371 |
| 不忘初心,继续努力,热烈祝贺我刊继续被评为统计源期刊 .....     |  | 386 |

# CHINESE JOURNAL OF OPERATIVE PROCEDURES OF GENERAL SURGERY (Electronic Edition)

Bimonthly Established in July 2007 Volume 11, Number 5 October 26, 2017

## Responsible Institution

National Health and Family Planning  
Commission of the People's Republic  
of China

## Sponsor

Chinese Medical Association  
42 Dongsi Xidajie, Beijing 100710, China

## Publishing

Chinese Medical Multimedia Press  
Co., Ltd.  
42 Dongsi Xidajie, Beijing 100710, China  
Tel: 0086-10-66721881 0086-10-64049986

## Editing

Editorial Board of Chinese Journal of  
Operative Procedures of General Surgery  
(Electronic Edition)  
5 Nannencang, Dongchengqu, Beijing 100700, China  
Tel: 0086-10-66721881 0086-10-64049986  
Fax: 0086-10-64001388  
http://zhpwkssxz.paperopen.com  
Email: zhpwkssx@126.com

## Editor-in-Chief

Li Shiyong (李世拥)  
Zhang Zhongtao (张忠涛)

## Managing Director

Li Shiyong (李世拥)

## Distributing

Public Issues in Overseas and Domestic

## Mail-Order

Chinese Journal of Operative Procedures  
of General Surgery (Electronic Edition)  
5 Nannencang, Dongchengqu, Beijing 100700, China  
Tel: 0086-10-66721881 0086-10-64049986  
Fax: 0086-10-64001388  
Email: zhpwkssx@126.com

## CSSN

ISSN 1674-3946  
CN 11-9293/R

## Copyright © 2017 by the Chinese Medical Association

No content published by the journals of  
Chinese Medical Association may be  
reproduced or abridged without authorization.  
Please do not use or copy the layout and  
design of the journals without permission.

All articles published represent the  
opinions of the authors, and do not  
reflect the official policy of the Chinese  
Medical Association or the Editorial  
Board, unless this is clearly specified.

## CONTENTS IN BRIEF

### Editorial

- Innovation and development of liver resection techniques** ..... 361  
*Chen Xiaoping, Zhang Wanguang*

### Commentaries

- Techniques and advantages of 3D laparoscopic right  
hemihepatectomy by three dimensional visualization** ..... 364  
*Fang Chihua, Zhang Wenyu, Yang Jian*
- Difficulties and Key Techniques in Laparoscopic Resection  
of Small Hepatocellular Carcinoma** ..... 368  
*Guo Hongrui, Liang Yingjian, Meng Fanzheng, et al*

### Operation Theater

- Fusion Indocyanine Green Fluorescence Imaging-guided  
Laparoscopic Anatomical Liver Segmentectomy (DVD)** ..... 372  
*Wang Hongguang, Chen Mingyi, Xu Yinzhe*
- Total Laparoscopic Hepatectomy of lower right hemiliver  
Surgeon (DVD)** ..... 373  
*Xu Shifeng, Si Wei, Wang Jianping*

### Operation Videos

- Glisson pedicle transaction method for laparoscopic  
hepatectomy (DVD)** ..... 374  
*Wang Chao, Yu Decai*
- Suture needle puncture and dissection of bile duct in laparoscopic  
bile duct second exploration (DVD)** ..... 375  
*Xie Zhiqin, Tang Caixi, Chen Xun, et al*

### Original Articles

- Laparoscopic Liver Resection for Liver Cancer, Report of  
457 Cases of a Single Center** ..... 376  
*Chai Songshan, Wang Jian, Xiang Shuai, et al*
- Glisson pedicle transaction method for laparoscopic hepatectomy** ..... 380  
*Wang Chao, Yu Decai, Wu Xingyu, et al*
- Clinical comparison of three different hepatectomy for  
primary liver cancer** ..... 383  
*Wei Xin, Liu Bin, Wang Feitong*

|  |     |
|--|-----|
| <b>Clinical value of energy spectrum CT in the differential diagnosis of liver cancer and FNH</b> .....  | 387 |
| <i>Li Feifei, Shen Jialin</i>  |     |
| <b>Impact of liver fibrosis index on postoperative living conditions of patients with primary liver cancer</b> .....   | 390 |
| <i>Liu Xitao, Tong Linhu, Liu Liye</i>   |     |
| <b>Value of SWE and real-time tissue elastography in the differential diagnosis of benign and malignant thyroid nodules</b> .....  | 393 |
| <i>Liu Peiqing, Liu Zengli, Wu Kailiang, et al</i>   |     |
| <b>Three operative procedures in the surgical treatment of papillary thyroid microcarcinoma</b> .....  | 397 |
| <i>Zhang Weiwei, Li Xiangnong</i>  |     |
| <b>The clinical effect of laparoscopic right hemicolectomy by using three-hole method</b> .....  | 400 |
| <i>He Ping, Liang Jiexiong, Shao Tiansong, et al</i>   |     |
| <b>Clinical analysis of intraoperative blood loss, harvested lymph nodes and postoperative recovery of laparoscopic radical colorectal resection by using 2-holes method</b> .....                                   | 403 |
| <i>Song Hailiang, Li Yajun, Wang Xiaoqin, et al</i>  |     |
| <b>Clinical application of self-developed drainage fixing devices in abdominal surgery</b> .....   | 406 |
| <i>Fu Zhaojun, Yang Yuhui, Wei Jian, et al</i>   |     |
| <b>The correlation studies between the contrast-enhanced ultrasound hemodynamic parameters and expression of ER &amp; HER2 in breast infiltrative ductal carcinoma</b> .....   | 410 |
| <i>Wang Hailin, Fu Jian, Chu Jianhua</i>   |     |
| <b>Clinical analysis of laparoscopic giant splenectomy plus pericardial devascularization in the treatment of cirrhotic portal hypertension</b> .....  | 414 |
| <i>Zhang Yanhui, Jiang Guoqing, Tang Jun, et al</i>  |     |
| <b>Laparoscopy, choledochoscopy, duodenoscopy, dilatable catheter and balloon nasobiliary drainage of the same period in treatment of bile duct stones with obstruction of papillary: a report of 59 cases</b> ..... | 417 |
| <i>Chen Anping, Zhou Huabo, Gao Yuan, et al</i>  |     |
| <b>Comparison and clinical analysis of three kinds of surgical treatment for cholecysto-choledocholithiasis</b> .....  | 420 |
| <i>Li Pan, Zhang Yan, Zhang Zheng, et al</i>   |     |
| <b>The application of enhanced recovery after surgery in the perioperative period of laparoscopic cholecystectomy</b> .....  | 423 |
| <i>Zhu Shuangjiu, Hao Zhanwei, Ming Liang</i>  |     |
| <b>Clinical efficacy and safety of two kinds of surgical methods in the treatment of gallbladder stones combined with common bile duct stones</b> .....  | 426 |
| <i>Li Wanli, Zheng Yong</i>  |     |
| <b>Surgical strategy and effect of emergency treatment for severe multiple injuries with abdominal injuries</b> .....  | 429 |
| <i>Wang Xiaoyan, Yu Ping, Han Yi, et al</i>  |     |
| <b>Analysis of the safety and application value for the CME treatment in the patients of right colon cancer</b> .....  | 432 |
| <i>Gao Yifei, Mu Xiangming, Jiang Haohai, et al</i>  |     |
| <b>Effect of simultaneous laparoscopy on patients with synchronous colorectal liver metastases</b> .....   | 435 |
| <i>Zhu Bin, Zhang Li, Gu Hao</i>   |     |
| <b>Effects of microsatellite instability and hepatocyte growth factor on survival of colorectal cancer patients</b> .....  | 439 |
| <i>Zhang Zhao, He Ping, Zhang Shuqi, et al</i>   |     |
| <b>Clinical effects of hand-assisted laparoscopic and laparoscopic rectal cancer resection</b> .....   | 443 |
| <i>Liang Bo, Huang Jiaqing, Tang Qinfu, et al</i>  |     |
| <b>Clinical efficacy of one-stage laparoscopic resection in treatment of 23 patients with synchronous colorectal carcinoma liver metastasis</b> .....  | 446 |
| <i>Sun Ziyou</i>   |     |