

ISSN 1671-6353
CN 43-1380/R

临床小儿外科杂志

LINCHUANG XIAOER WAIKE ZAZHI

张金哲题

JOURNAL OF CLINICAL PEDIATRIC SURGERY

2018年4月 第17卷 第4期
Volume 17 Number 4 April 2018

ISSN 1671-6353



临床小儿外科杂志

Journal of Clinical Pediatric Surgery

月刊 2002年2月创刊 第17卷 第4期 2018年4月28日出版

主管
湖南省科学技术协会

主办
湖南省医学会

出版
临床小儿外科杂志社
湖南省儿童医院
410007, 湖南省长沙市梓园路86号
电话: (0731)85356896
传真: (0731)85383982
E-mail: china_jcps@sina.com
http://www.jcps2002.com

名誉主编
张金哲

社长
谭李红

主编
梅海波

编辑部主任
王爱莲

广告经营许可证
4300001000686

印刷
永州市湘华印务有限公司

发行
湖南省报刊发行局

订购
全国各地邮局
邮发代号: 42-261

邮购
临床小儿外科杂志编辑部
410007, 湖南省长沙市梓园路86号
(湖南省儿童医院内)
电话: (0731)85356896
传真: (0731)85383982
E-mail: china_jcps@sina.com

中国标准连续出版物号
ISSN 1671-6353
CN 43-1380/R

本刊法律顾问
湖南金州律师事务所律师 曾红春

定价
每期 10.00 元, 全年 120.00 元

美国化学文摘 (CA) 收录期刊
美国乌利希期刊指南 (UPD) 收录期刊
波兰哥白尼索引 (IC) 收录期刊
日本 JST 中文数据库来源期刊
中国科技论文统计源期刊
中国科技核心期刊

目次

述评

241 3D 打印技术在儿童脊柱外科的应用与展望.....张学军

专家笔谈

245 儿童足踝畸形诊治中 3D 打印技术的应用.....南国新

248 儿童骨科 3D 打印技术的临床实践.....沈先涛

专题·儿童骨科 3D 打印技术的应用

252 3D 打印对儿童发育性髋关节脱位手术策略
的应用价值探讨.....王 彭 杜智军 陆士蛟等

259 3D 打印技术在儿童先天性脊柱半椎体手术
治疗中的应用研究.....蔡文全 覃佳强 南国新

论著

263 骨盆三联截骨术治疗儿童股骨头缺血性
坏死的疗效分析.....廖 宁 李 明 刘 星等

269 儿童颞叶癫痫的临床特点及手术疗效
分析.....赵 瑞 周渊峰 杨皓玮等

274 经阑尾残端置管造瘘在小儿一期未段
回肠切除术中的应用研究.....黄圣余 谢 承 林立华等

- 278 儿童急性阑尾炎的病原学分析与临床用药探讨.....毛建雄 李苏伊 罗 燕等
- 282 某中心近十五年间先天性食管闭锁的诊治与并发症分析.....周佳亮 葛午平 田 松等
- 286 非胸腔镜辅助下 Nuss 手术治疗儿童漏斗胸的临床研究.....冉旭东 徐永根 廖健毅等

实验研究

- 290 骨骺损伤对发育性髋关节发育不良大鼠术后髋外翻的影响研究.....李 超 严亚波 徐会法等

综 述

- 295 先天性巨结肠小肠结肠炎发病机制及防治研究进展.....虞贤贤 施诚仁 蔡 威
- 301 婴幼儿肠内营养物质吸收机制的研究进展.....王 敏 沈 淳
- 307 儿童肺动脉吊带合并气管狭窄的诊疗新进展.....郭张科 李晓峰

小儿麻醉

- 312 小儿麻醉中喉罩拔出时机及相关并发症的研究进展.....朱梦妤 王梦婕 童易如
- 317 二氧化碳气腹对小儿腹腔镜手术期间无创脑氧饱和度的影响.....肖 婷 禹二友 朱 义等



欢迎登录本刊网站 <http://www.jcps2002.com> 开放浏览 免费下载

本期执行编委 梅海波 刘 昆 责任编辑 王爱莲 仇 君 贾佩君 英文审校 齐 前 统计学审校 仇 君 关键词标引 贾佩君

JOURNAL OF CLINICAL PEDIATRIC SURGERY

Monthly

Established in February 2002

Volume 17, Number 4

April 28, 2018

Responsible Institution

Science and Technology Association
of Hunan Province

Sponsor

Hunan Provincial Medical Association

Editing

Editorial Board of Journal of Clinical
Pediatric Surgery

Publishing

House of Journal of Clinical Pediatric
Surgery
Hunan Children's Hospital

Honorary Editor in Chief

Zhang Jinzhe (张金哲)

President

Tan Lihong (谭李红)

Editor-in-Chief

Mei Haibao (梅海波)

Managing Director

Wang Ailian (王爱莲)

Address

86 Ziyuan Rd, Changsha City,
Hunan Province, 410007
Tel: (0731) 85356896
Fax: (0731) 85383982
E-mail: china_jcps@sina.com
http://www.jcps2002.com

Overseas Distributor

Newspapers and Magazines
Publication Bureau, Hunan Province

Subscription

At Different Distinct Local Post
Offices in China
Post Issue Code Name:42-261

CSSN

ISSN 1671-6353
CN 43-1380/R

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

CONTENTS IN BRIEF

Commentary

241 Application and prospect of 3D printing technology in pediatric spine surgery

Zhang Xuejun

Expert Notes

245 Status quo and future prospects of 3-dimensional printing in the diagnosis and treatment of foot and ankle deformities in children

Nan Guoxin

248 Three-dimensional printing technology and its application and prospect in pediatric orthopedics

Shen Xiantao

Special Topic: Applications of Three-dimensional Printing Technology in Pediatric Orthopedics

252 The application of 3D printing in individualized surgical plan of developmental dislocation of the hip in children

Wang Peng, Du Zhijun, Lu Shijiao, et al.

259 Application of three-dimensional printing for congenital hemivertebra

Cai Wenquan, Qin Jiaqiang, Nan Guoxin, et al.

Original Papers

263 Efficacy analysis of triple pelvic osteotomy for Legg-Calve-Perthes disease

Liao Ning, Li Ming, Liu Xing, et al.

- 269 **Clinical characteristics and surgical treatment of temporal lobe epilepsy in children**
Zhao Rui, Zhou Yuanfeng, Yang Haowei, et al.
- 274 **Application of indwelling catheter through appendix stump fistula in one-stage terminal ileectomy**
Huang Shengyu, Xie Cheng, Lin Lihua, et al.
- 278 **Etiological analysis and clinical medication of acute appendicitis in children**
Mao Jianxiang, Li Suyi, Luo Yan, et al.
- 282 **Treatment outcomes and complications of congenital esophageal atresia: a single-center report of 15 years**
Zhou Jialiang, Ge Wuping, Tian Song, et al.
- 286 **Clinical study of pectus excavatum by non-thoracoscopic assisted Nuss procedure**
Ran Xudong, Xu Yonggen, Liao Jianyi, et al.

Experimental Studies

- 290 **Influence of greater trochanter drilling on neck-shaft angle and femoral anteversion after open reduction for developmental dysplasia of the hip in rats**
Li Chao, Yan Yabo, Xu Huifan, et al.

Reviews

- 295 **Recent advances in Hirschsprung-associated enterocolitis focusing on Pathogenesis, Prevention and Management**
Yu Xianxian, Shi Chengren, Cai Wei
- 301 **Recent advance of enteral nutrition absorption mechanism for infants**
Wang Min, Shen Chun
- 307 **Advances in diagnosis and treatment of pulmonary artery sling plus tracheal stenosis in children**
Guo Zhangke, Li Xiaofeng

Pediatric Anesthesia

- 312 **Research progress of timing and complications of laryngeal mask airway extraction during pediatric anesthesia**
Zhu Mengshu, Wang Mengjie, Tong Yiru
- 317 **Effects of carbon dioxide insufflation on regional cerebral oxygenation during laparoscopic surgery in children**
Xiao Ting, Yu Erhua, Zhu Yi, et al.