

ZHONGGUO ER-BI-YANHOUS
LUDI WAIKE ZAZHI



中国耳鼻咽喉 颅底外科杂志

CHINESE JOURNAL OF OTORHINOLARYNGOLOGY-SKULL BASE SURGERY

中国科技论文统计源期刊

中国科技核心期刊

中国核心期刊（遴选）数据库收录期刊

中文科技期刊数据库（全文版）收录期刊



第 **4** 期
(总第136期)

2020年8月 第26卷

万方数据

中国耳鼻咽喉颅底外科杂志

ZHONGGUO ER - BI - YANHOU LUDI WAIKE ZAZHI

双月刊 1995 年 7 月创刊 第 26 卷 第 4 期 2020 年 8 月 30 日出版



官方微信平台

主 管

中华人民共和国教育部

主 办

中南大学

中南大学湘雅医院

编 辑

中国耳鼻咽喉颅底外科杂志

编辑委员会

410008 湖南省长沙市湘雅路 87 号

电话(传真):(0731)84327469;84327210

Email:xyent@126.com

主 编

孙 虹 赵素萍

执行主编

张 欣

编辑部主任

李惠清 黄东海

出 版

湖南省湘雅医学期刊社有限公司

410008 湖南省长沙市湘雅路 87 号

电话(传真):(0731)84327469;84327210

Email:xyent@126.com

广告发布登记编号

湘市监广登字[2020]第 36 号

印 刷

湖南省新创印务有限公司

发 行

国内:湖南省报刊发行局

国外:中国国际图书贸易总公司

(北京 399 信箱,100044)

订 购

国内邮发代号:42-171

国外邮发代号:BM1735

邮 购

中国耳鼻咽喉颅底外科杂志编辑部

410008 湖南省长沙市湘雅路 87 号

电话(传真):(0731)84327469;84327210

Email:xyent@126.com

投稿网址

<http://www.xyosbs.com>

订 阅 网 址

www.kankan.cn

国内定价

每期 20 元,全年 120 元

中国标准刊号

ISSN 1007-1520

CN 43-1241/R

2020 年版权归本刊主办单位所有

本刊刊出的所有文章不代表主办单位

和本刊编委会的观点,除非特别声明

目 次

专家论坛

规范喉神经损伤的功能评估与治疗 肖水芳(355)

神经源性声带运动障碍与喉神经电生理

..... 马艳利,庄佩耘(360)

嗓音医学专栏

173 例声带麻痹患者的病因学特点

..... 王贺贺,郑 重,孙敬武,万光伦,

陈 浩,李万举,赵 婉,潘春晨(365)

甲状腺切除患者手术前后嗓音功能评估

..... 任婷婷,兰 德,魏雪梅(369)

甲状舌管囊肿术后嗓音分析

..... 赵 婉,万光伦,李万举,陈 浩(373)

不同干预时间进行声带注射对甲状腺术后单侧声带麻痹的临床

疗效 刘家佳,李仕晟,朱刚才,彭 鸥,李 苗,

尹丹辉,杨新明,唐青来,贺湘波,彭 霞(377)

经口 CO₂ 激光治疗早期声门型喉癌术后嗓音分析

..... 黎景佳,陈伟雄,李增宏,周怡维,庞艺施(382)

内收型痉挛性发音障碍患者动态喉镜表现及嗓音学特点

..... 郭 莹,聂尔璇,刘 超,徐 芳,

张 欣,张 帅,刘 勇,黄东海(387)

内收型痉挛性发声障碍的诊断 陈 臻(392)

综合护理干预联合药物治疗对声带良性病变患者嗓音恢复的影响

..... 庄丕伟,高晓威,闫树婷(396)

论 著

Beclin1 调控鼻咽癌细胞放疗抵抗的体外研究

..... 敬前程,刘 勇,李 果,卢善翔,

刘 超,黄东海,周 芳,邱元正(400)

鼻咽癌放疗患者血清 miR-196a 表达的临床意义

..... 何 倩,王霜莲,周高峰,陈会琴,冯雪萍,龙学颖(405)

下咽癌预后差异及 Nomogram 预测模型的建立和验证 方 兴,李 鑫,吴 平,唐瑶云,赵素萍(410)

SEMA3D 在喉癌组织中的表达及临床意义

..... 吴俊志,李静佳,赵 锐,朱 鑫,冯成敏,敬一丹,程 瑶,张 震,邓世山,刘 海(416)

174 例喉癌患者手术预后及影响因素分析

..... 邹庆云,刘映岐,查旭东,周梦夏,梁才全,王天宇,蔡博宇,杜昱聪,彭 湃,刘环海(421)

4 例喉炎性肌纤维母细胞瘤临床表现与组织病理学特点分析 汤玮晶,陶 磊(426)

原发性喉淀粉样变性的临床分析 杨启梅,常会敏,李世东,刘 晖,张 文(431)

鼻内镜下鼻窦骨瘤切除术术后疗效分析 梁秋林,杨秀海,冯 超,曹长兴,周 奇(435)

衰老对眩晕患者冷热试验最大慢相角速度结果的影响

..... 张景华,李长青,高茂龙,董淑萍,郭冰艳,张玉洁(439)

临床报道

咽喉反流性疾病患者食管上括约肌压力高分辨测量的诊断价值

..... 刘俊伟,郑城婷,郑仕诚,张 恒(443)

便携式睡眠监测仪应用于儿童 OSAHS 诊断的临床分析 黄 龙,秦江波,常 玮,邱招凤(448)

胸乳径路甲状腺微小乳头状癌根治术与开放手术的临床对比分析

..... 谢 盼,杜友红,彭福森,张艳红,谭孟婷(452)

综述

鼻腔鼻窦少见恶性肿瘤的组织病理学和综合性治疗研究进展 李锦荣,夏立军,李梦婷(456)

HMGB1 在鼻黏膜及下气道炎性疾病中的作用及其研究进展 刘淑清,柴向斌(462)

鼻中隔及鼻甲病变的不同处理策略对慢性鼻窦炎术后疗效的影响

..... 金德燕,尚小颖,薛 刚,李燕萍(468)

消息

远程投稿、查稿系统启事 (430)

本期执行主编 张 欣 执行编审 赵素萍 张 欣
责任编辑 徐 芳 英文摘要审校 李泽卿 冯雪萍

期刊基本参数:CN 43-1241/R * 1995 * b * A4 * 118 * zh * P * ¥20.00 * 2400 * 25 * 2020-8

CHINESE JOURNAL OF OTORHINOLARYNGOLOGY – SKULL BASE SURGERY

Bimonthly

Established in July 1995

Volume 26, Number 4

August 30, 2020

Responsible Institution

Ministry of Education of China

Sponsor

Central South University

Xiangya Hospital of Central South University

Editing

Editorial Board of Chinese Journal
of Otorhinolaryngology – Skull Base Surgery

87 Xiangya Road, Changsha Hunan 410008, China

Tel (Fax) : (0086 – 731) 84327469, 84327210

Email: xyent@126.com

Editors – in – Chief

SUN Hong (孙虹)

ZHAO Su-ping (赵素萍)

Executive Editor – in – Chief

ZHANG Xin (张欣)

Managing Director

LI Hui-qing (李惠清)

HUANG Dong-hai (黄东海)

Publishing

Hunan Xiangya Medical Periodical Press Co. Ltd

87 Xiangya Road, Changsha Hunan 410008, China

Tel (Fax) : (0086 – 731) 84327469; 84327210

Email: xyent@126.com

Printing

Hunan Xinchuang Printing Co. Ltd.

Overseas Distributor

China International Book Trading Corporation

P. O. Box 399, Beijing, China, 100044

Mail Order

Editorial Board of Chinese Journal of
Otorhinolaryngology-Skull Base Surgery

CSSN

ISSN 1007-1520

CN 43-1241/R`

Copyright © 2020 by the Xiangya Hospital,
Central South University

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

CONTENTS

EXPERT FORUM

Specifications of function evaluation and treatment for laryngeal nerve injury

XIAO Shuifang (355)

Neurogenic vocal fold movement disorders and laryngeal nerve electrophysiology

MA Yanli, ZHUANG Peiyun (360)

COLUMN OF VOICE MEDICINE

Etiological characteristics of vocal cord paralysis in 173 patients

WANG Hehe, ZHENG Zhong, SUN Jingwu, WAN Guanglun, CHEN Hao,
LI Wanju, ZHAO Wan, PAN Chunchen (365)

Pre- and post-operative assessment of voice function in patients undergoing total thyroidectomy

REN Tingting, LAN De, WEI Xuemei (369)

Voice analysis in patients after surgery of thyroglossal duct cyst

ZHAO Wan, WAN Guanglun, LI Wanju, CHEN Hao (373)

Different intervention time affects the effect of vocal cord injection on unilateral vocal cord paralysis after thyroid surgery

LIU Jiajia, LI Shisheng, ZHU Gangcai, PENG Ou, LI Miao, YIN Danhui,
YANG Xinming, TANG Qinglai, HE Xiangbo, PENG Xia (377)

Voice analysis of patients with early glottic carcinoma treated by transoral CO₂ laser surgery

LI Jingjia, CHEN Weixiong, LI Zenghong, ZHOU Zhiwei, PANG Yishi
..... (382)

Strobolaryngoscope findings and voice characteristics of patients with adductor spasmodic dysphonia

GUO Ying, NIE Erxuan, LIU Chao, XU Fang, ZHANG Xin, ZHANG
Shuai, LIU Yong, HUANG Donghai (387)

Diagnosis of adductor spasmodic dysphonia

CHEN Zhen (392)

Effect of comprehensive nursing intervention combined with drug therapy on voice recovery in patients with benign vocal cord lesions

ZHUANG Piwei, GAO Xiaowei, YAN Shuting (396)

ORIGINAL ARTICLE

Beclin1 promotes radioresistance in nasopharyngeal carcinoma in vitro

JING Qiancheng, LIU Yong, LI Guo, LU Shanhong, LIU Chao, HUANG Donghai, ZHOU Fang, QIU Yuanzheng (400)

Clinical significance of miR-196a expression in serum of patients with nasopharyngeal carcinoma treated with radiotherapy

HE Qian, WANG Shuanglian, ZHOU Gaofeng, CHEN Huiqin, FENG Xueping, LONG Xueying (405)

Establishment and validation of nomogram prediction model of hypopharyngeal carcinoma related to prognostic clinical features

FANG Xing, LI Xin, WU Ping, TANG Yaoyun, ZHAO Suping (410)

The expression of SEMA3D and its clinical significance in human laryngeal cancer

WU Junzhi, LI Jingjia, ZHAO Rui, ZHU Xin, FENG Chengmin, JING Yidan, CHENG Yao, ZHANG Zhen, DENG Shishan, LIU Hai (416)

Analysis of surgical prognosis and influencing factors in 174 laryngeal carcinoma patients

ZOU Qingyun, LIU Yingqi, ZHA Xudong, ZHOU Mengxia, LIANG Caiquan, WANG Tianyu, CAI Boyu, DU Yucong, PENG Hu, LIU Huanhai (421)

Clinical manifestations and histopathologic features of laryngeal inflammatory myofibroblastic tumour in 4 cases

TANG Weijing, TAO Lei (426)

Clinic analysis of primary amyloidosis of laryngeal

YANG Qimei, CHANG Huimin, LI Shidong, LIU Hui, ZHANG Wen (431)

Analysis on the curative effect of endoscopic resection of sinus osteoma

LIANG Qiulin, YANG Xiuhai, FENG Chao, CAO Changxing, ZHOU Qi (435)

Effect of aging on the results of maximum slow phase velocity in the caloric test of patients with vertigo

ZHANG Jinghua, LI Changqing, GAO Maolong, DONG Shuping, GUO Bingyan, ZHANG Yujie (439)

CLINICAL REPORT

Diagnostic value of high-resolution manometry of upper esophageal sphincter pressure in patients with laryngopharyngeal reflux disease

LIU Junwei, ZHENG Chengting, ZHENG Shicheng, ZHANG Heng (443)

A preliminary study on the application of portable sleep monitor in the diagnosis of OSAHS in children

HUANG Long, QIN Jiangbo, CHANG Wei, QIU Zhaofeng (448)

Clinical comparative study of radical operation via the breast-thoracic approach and the open surgery for papillary thyroid microcarcinoma

XIE Pan, DU Youhong, PENG Fusen, ZHANG Yanhong, TAN Mengting (452)

REVIEW

Advances in histopathology and comprehensive treatment of rare malignant tumors in paranasal sinuses

LI Jinrong, XIA Lijun, LI Mengting (456)

The role of HMGB1 and its research progress in inflammatory diseases of nasal mucosa and lower airway

LIU Shuqing, CHAI Xiangbin (462)

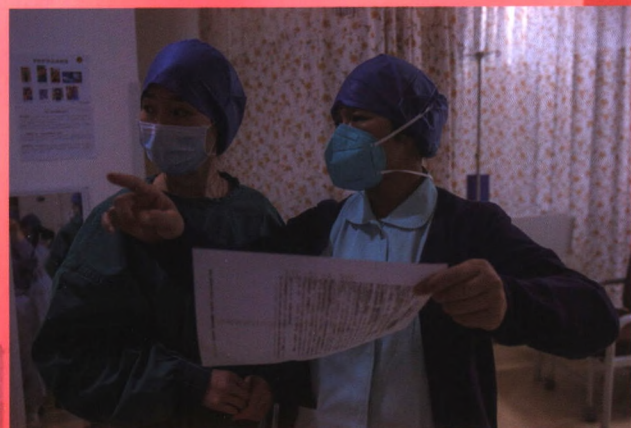
Therapeutic effects of different treatment strategies of nasal septum and turbinate on postoperative efficacy of chronic sinusitis

JIN Deyan, SHANG Xiaoling, XUE Gang, LI Yanping (468)



向战斗在抗击疫情一线上的同志致敬

——中南大学湘雅医院防治新型冠状病毒肺炎工作纪实



摄影：肖毅

万方数据

ISSN 1007-1520 CN 43-1241/R 邮发代号：42-171 国内定价：20.00元