

介入放射学杂志

JIERU FANGSHEXUE ZAZHI

月刊 1992年12月31日创刊 第35卷 第03期 2026年03月25日出版

主管

上海市卫生健康委员会

主办

上海市医学会

编辑出版

《介入放射学杂志》编辑部

200052, 上海市华山路 1336 号

玉嘉大厦 16G

电话: (021)62409496

传真: (021)62409496

电子邮箱: jrfzxzz@vip.163.com

网址: http://www.cjir.cn

发行范围

公开

名誉主编

陈星荣 程永德 滕皋军

主编

颜志平

共同主编

郑传胜

编辑部主任

刘玉金

编辑部副主任

许秀芳

印刷

上海双宁印刷有限公司

发行

国内: 上海市报刊发行局

国外: 中国国际图书贸易总公司

代号 4856M

邮购

《介入放射学杂志》编辑部

订购

全国各地中国邮政 邮发代号 4-634

定价

每期 25.00 元, 全年 300.00 元

中国标准连续出版物号

ISSN 1008-794X

CN 31-1796/R

目次

专论

守正创新, 智引未来: 人工智能时代医学人才培养模式的变革与

思考 栗 荐, 金 龙 237

冷冻消融治疗肿瘤现状和展望 钱 玲, 孟志强 243

指南与共识

小腿肌肉静脉血栓形成规范化诊疗与护理中国专家共识

..... 中国静脉介入联盟、湖南省护理学会放射介入专业委员会 249

神经介入

T2W-FLAIR 序列高信号血管征预测颈动脉支架植入术后脑过度

灌注综合征——单中心前瞻性队列研究

..... 万栋栋, 刘 华, 王 超, 等 259

心脏介入

卵圆孔未闭形态学参数和血液指标对封堵术后偏头痛疗效预测

..... 郭 伟, 王 婧, 郭俊晓, 等 266

血管介入

颅内支持导管抽栓治疗急性肠系膜上动脉栓塞疗效分析

..... 耿 旭, 郭 潇, 周鹏程, 等 271

肿瘤介入

尾状叶小肝癌超选择性经导管动脉化疗栓塞术后积极补充微波

消融治疗安全性和有效性 余倩倩, 袁宏军, 刘凤永 276

非血管介入

基于倾向性评分匹配法分析微波消融和甲状腺切除术治疗老年

孤立性 T1N0M0 期甲状腺乳头状癌临床价值

..... 黎志超, 高 锐, 朱章添 281

数字介入

基于文献计量学分析 10 年间人工智能在介入放射学领域发展

动态和热点 赵雅莉 292

实验研究

新型蘑菇球型二尖瓣支架经导管植入的动物实验 于 洋, 诸治栋, 曹俊雄, 等 297

临床研究

多模态融合导航辅助肝癌精细化 TACE 术的临床应用研究 杨熙园, 周 石, 吕哲宇, 等 301

射频消融联合腹腔神经丛射频热凝治疗中晚期肝癌患者的临床疗效 华 秋, 黄 静 307

原发性肝癌患者载药微球 TACE 术后近期疗效预测模型的建立 张紫寅, 邱 冬, 唐雪松, 等 313

TraSphere 显影栓塞微球用于经动脉化疗栓塞肝癌的疗效 涂建飞, 孙宏涛, 孙 蓬, 等 319

长期植入下腔静脉滤器患者的静脉管腔变化 祁 磊, 李华刚, 季 鹏, 等 324

护理论坛

经桡动脉介入导致桡动脉闭塞全程管理的最佳证据汇总 姚媛淑, 袁 洁, 徐晓华, 等 328

肝恶性肿瘤介入治疗围术期疼痛管理最佳证据总结 李玉莲, 李玉辉, 唐 露, 等 335

管 理

江苏省综合介入技术医疗质量控制指标体系构建 李 瑞, 孔 杰, 卢光东, 等 341

综 述

靶免时代下肝癌合并动静脉瘘的治疗进展 李鹏恩, 付舒敏, 王 满, 等 347

病例报告

抓捕器取出多处打折造影导管 1 例 韦明贵, 黎丽娜, 黄茂华 289

消 息

2025 年度林贵 - 刘子江优秀介入论文奖获奖名单 248

本期责任主编 金 龙 责任编辑 元 禾 谷 珂 英文摘编 顾伟中 责任校对 陶 音 新 宇

期刊基本参数: CN 31-1796/R * 1992 * m * A4 * 116 * zh * P * ¥25.00 * 20 * 2026 * 03

JOURNAL OF INTERVENTIONAL RADIOLOGY

Monthly, Established in 1992 Volume 35, Number 3, March 2026

Ratifier

Shanghai Municipal Health Commission

Sponsor

Shanghai Medical Association

Editing Publishing

Editorial Board of *Journal of*

Interventional Radiology

1336 Huashan Road, Yujia Buiding 16 G

Shanghai 200052, China

Tel: (021)62409496

E-mail: jrfsxzz@vip.163.com

Honorary Editor-in-Chief

CHEN Xingrong(陈星荣)

CHENG Yongde(程永德)

TENG Gaojun(滕皋军)

Editor-in-chief

YAN Zhiping(颜志平)

CSSN

ISSN 1008-794X

CN 31-1796/R

International Editors

Anne C. Roberts(USA)

David A. Kumpe(USA)

Dierk Vorwerk(Germany)

Giuseppe Scotti(Italy)

Ho Young Song(Korea)

Michael A. Bettmann(USA)

Salvatore J. A. Sclafani(USA)

Wei Ping Wang(USA)

Xiao Ming Yang(USA)

Zhen Wu Zhuang(USA)

Zu Xing Kan(USA)

CONTENTS

Special comment

Upholding fundamentals while embracing innovation: reform and reflection

on medical talent cultivation in the era of artificial intelligence 237

LI Jian, JIN Long

The current status and future prospects of cryoablation therapy for tumors 243

QIAN Ling, MENG Zhiqiang

Guidelines and consensus

Chinese expert consensus on the standardized diagnosis, treatment and nursing care

for calf muscle venous thrombosis 249

Chinese Venous Interventional Alliance; Radiology Intervention

Professional Committee of Hunan Nursing Association

Neurointervention

Application of T2W-FLAIR hyperintense vessel sign in predicting cerebral

hyperperfusion syndrome after carotid artery stenting: a single-center

prospective cohort study 259

WAN Dongdong, LIU Hua, WANG Chao, et al

Cardiac intervention

Morphological parameters and hematological indicators as predictive markers

for migraine improvement following patent foramen ovale closure 266

GUO Wei, WANG Jing, GUO Junxiao, et al

Vascular intervention

Efficacy analysis of thrombus aspiration using intracranial support catheters in

the treatment of acute superior mesenteric artery embolism 271

GENG Xu, GUO Xiao, ZHOU Pengcheng, et al

Tumor intervention

Actively supplementing microwave ablation therapy for the small caudate lobe

hepatocellular carcinoma after receiving superselective transcatheter arterial

chemoembolization: its safety and effectiveness 276

YU Qianqian, YUAN Hongjun, LIU Fengyong

Non-vascular intervention

Microwave ablation and thyroidectomy for elderly patients with solitary T1N0M0

papillary thyroid carcinoma: analysis of its clinical value based on propensity

score matching method 281

LI Zhichao, GAO Rui, ZHU Zhangtian

Digital Intervention

Bibliometric-based analysis of the development trends and hotspots of artificial

intelligence in the field of interventional radiology over the past 10 years 292

ZHAO Yali

Experimental research

- Transcatheter implantation of a new-type mushroom-shaped mitral valve stent: an animal experiment 297
YU Yang, ZHU Zhidong, CAO Junxiong, et al

Clinical research

- Multimodal fusion navigation-assisted precise TACE for hepatocellular carcinoma: its clinical application 301
YANG Xiyuan, ZHOU Shi, LV Zheyu, et al
- Radiofrequency ablation combined with radiofrequency thermocoagulation of celiac plexus in the treatment of patients with advanced liver cancer: analysis of its clinical efficacy 307
HUA Qiu, HUANG Jing
- The establishment of a prediction model for predicting short-term effect of drug-loaded microspheres TACE in patients with primary hepatocellular carcinoma 313
ZHANG Ziyin, QIU Dong, TANG Xuesong, et al
- First-in-man study of TraSphere embolic microspheres for transcatheter arterial chemoembolization in the treatment of hepatocellular carcinoma 319
TU Jianfei, SUN Hongtao, SUN Peng, et al
- Changes of venous lumen in patients with long-term indwelling inferior vena cava filters 324
QI Lei, LI Huagang, JI Peng, et al

Nursing window

- Summary of the best evidence of full process management for radial artery occlusion caused by interventional procedures via the radial artery access 328
YAO Yuansu, QIU Jie, XU Xiaohua, et al
- A best evidence summary of pain management for patients with liver malignancy during the perioperative period of interventional therapy 335
LI Yulian, LI Yuhui, TANG Lu, et al

Management

- Construction of a quality control indicator system for comprehensive interventional therapy in Jiangsu province 341
LI Rui, KONG Jie, LU Guangdong, et al

General review

- Advance in the treatment of liver cancer complicated by arteriovenous fistula in the era of targeted therapy and immunotherapy 347
LI Pengen, FU Shumin, WANG Xiao, et al

Case report

- Retrieval of an angiography catheter having multiple twists and turns by using a snare device: report of one case 289
WEI Minggui, LI Lina, HUANG Maohua

副主编: 王茂强 刘建民 朱海云 吴春根 邹英华 谷涌泉 李天晓 张鸿祺
张瑞岩 杨继金 胡 兵 施海彬 倪才方 徐辉雄 符伟国
