

美国 CINAHL Information Systems 收录期刊  
北大·中文核心期刊  
中国科技核心期刊

ISSN 1009-6493  
CN 14-1272/R

# 护理研究<sup>®</sup>

HULI YANJIU

第35卷 第16期

CHINESE  
NURSING  
RESEARCH

Volume 35 Number 16  
August 2021

8月  
2021年



ISSN 1009-6493



9 771009 649217

万方数据

山西医科大学第一医院  
山西省护理学会

# 护理研究<sup>®</sup>

## CHINESE NURSING RESEARCH

### 半月刊

第 35 卷 第 16 期(总第 684 期) 2021 年

#### 护理研究

(1987 年 4 月创刊 半月刊)

名誉总编 王峻 段志光 王斌全

名誉主编 刘春 徐钧

总编 韩清华 王益锬

常务副总编 韩世范

副总编 程金莲 吴欣娟 杨辉

主编 韩世范

常务副主编兼编辑部主任 程金莲

责任编辑 张建华

英文编辑 阴怀清

主管

山西省卫生健康委员会

主办

山西医科大学第一医院

山西省护理学会

出版

山西医学期刊社

编辑

《护理研究》编辑部

地址 山西省太原市解放南路 85 号(邮政编码 030001)

电话 0351-4639626

传真 0351-2115337

网址 www.hlyjzz.com

http://www.suol.cn

电子信箱 sxhulizz@vip.163.com

印刷 山西华文科杰印业有限公司

发行范围 公开发行

国内总发行

山西省邮政报刊发行局

国外总发行

中国国际图书贸易集团有限公司  
(北京 399 信箱, 100044)  
(国外代号 TP4508)

订阅 全国各地邮电局(所)

中国标准连续出版物号

ISSN 1009-6493

CN 14-1272/R

2021年第35卷第16期

(总第 684 期)

2021年8月25日出版

广告发布登记 并审管广字[2020]017号

国内每期定价 15.00 元 全年定价 360.00 元

邮发代号 22-130

如有印装质量问题, 请与《护理研究》编辑部

联系调换。

除非特别声明, 本刊刊出的所有文章不代表本刊编委会的观点。

期刊基本参数: CN 14-1272/R \* 1987 \* s \* A4 \* 188 \* zh+en \* P \* ¥15.00 \* 40 \* 2021 - 08

## 目 次

### 指南研究

2019 版《灾害护理核心能力》解读及对我国灾害护理发展的启示

黄馨月, 毛孝容, 马青华, 杨文亮 ..... (2821)

### 科研论著

早期床上脚踏车运动在 ICU 机械通气病人中应用效果的 Meta 分析

王 瑞, 魏花萍, 孔佳佳, 程 洁, 丁楠楠, 张志刚 ..... (2825)

签约式随访管理模式在全髋关节置换术后护理中的应用

段 丹, 宁 宁, 周宗科, 陈佳丽, 李佩芳, 石小军, 王瑞珍, 廖 霞, 王立群 ..... (2833)

髋关节置换术病人血栓形成防控行为影响因素模型构建

曾 莉, 李素云, 褚 婕, 罗凯燕, 王慧文, 陈 婷, 曼 蓉 ..... (2840)

基于 CiteSpace 的肺癌术后康复研究热点及前沿分析

卢羽彤, 袁坤伟, 杜 雪, 徐仁华 ..... (2846)

认知行为疗法结合普拉提运动在腰椎间盘突出症术后病人护理中的应用

左青青, 曹亚琴, 何守玉, 闵继康 ..... (2852)

老年人口腔健康相关自我效能量表的汉化及信效度检验

徐宇馨, 吴红梅, 马骏驰, 张光东 ..... (2858)

励-协夫曼言语训练对脑梗死病人吞咽功能、嗓音质量和日常生活能力的影响

张有文, 杨 凌, 白岫丹, 张陇平, 成连春, 肖文铃, 潘春柳, 陈 杰, 罗雨田, 李星宇, 李宝珍, 姚晚侠 ..... (2864)

认知行为干预对 HIV 感染/AIDS 病人病耻感及家庭支持的影响

张玉杰, 徐 艳, 王慧群, 汤 静, 蒋美平, 顾怡沁 ..... (2869)

护理人员值守心理援助热线的胜任力与服务质量督导效果评价

李 佳, 关晋英, 邓 静, 李 慧 ..... (2874)

经皮穴位电刺激联合镜像疗法在脑卒中后上肢痉挛病人康复护理中的应用

冯 勤, 徐红燕, 周逸波, 金 金, 张 洁, 黄端玉 ..... (2879)

基于德尔菲法构建高尿酸血症及痛风病人饮食控制依从性量表

李会仿, 朱雪梅, 吴建军, 范晓江, 姚水洪, 李良秀, 李妮娜 ..... (2884)

慢性乙型肝炎病人治疗依从性量表的编制及信效度检验

左菲菲, 王 好, 曾冬玉, 范丹丹, 洪炜霞 ..... (2889)

基于 eCASH 理念的镇静、镇痛护理在 ICU 机械通气病人中的应用

李 莉 ..... (2895)

结构性授权及心理资本对护士工作投入影响路径的最佳模型验证

张怡妮, 叶志弘 ..... (2900)

### 科研综述

次氯酸在伤口护理中的应用研究进展

王映娜, 何振华, 周 瑾, 孙晓芬 ..... (2904)

颈淋巴结清扫术后肩功能评估及康复锻炼研究进展	温瑞芳,梁冠冕,江子芳	(2910)
骨科专科护士资格认证研究现状	陈伟伟,刘娟,白朝晖,樊晓奇	(2916)
移动医疗在预立医疗照护计划中的应用研究进展	杨妍婷,王永丽,索婷婷,孙佳忱,沈永青	(2921)
痛风病人自我管理移动医疗应用程序研究进展	尹瑶,陈红	(2926)
围生期抑郁症筛查与管理研究进展	扈添翼,冯耀清,赵慧敏	(2930)
远程查房国内外研究进展	程青云,张艳,刘珍,田雨同,许冰,李晓华,鹿艺馨,高月,高梦珂	(2934)
机器人辅助治疗在孤独症谱系障碍儿童中的应用研究进展	王志丹,王畅	(2938)
痴呆病人家庭照顾者行为激活疗法研究进展	刘霖,宋洁,姜倩倩,鹿笑寒,陈海雯	(2942)
老年慢性病病人居家支持性照护需求研究进展	王亚平,唐浪娟,岳丽春,赵悦秋,韩雪	(2946)
<b>综合研究</b>		
基于德尔菲法构建“互联网+护理服务”护士培训体系	胡琳莉,宋玉磊,徐桂华,柏亚妹	(2950)
新入职护士思想品德课程培训需求的现象学研究	吴奕帆,黄佳莉,陈怡雯,侯黎莉	(2956)
基于扎根理论的云南白族独居老人养老服务需求框架构建	陆涵,赵媛,史婷婷,朱晓丽,杨爱京	(2961)
免疫检查点抑制剂治疗相关不良反应的护理	马艳梅,刘玉,倪宏,覃惠英	(2966)

3C引导性反馈下高仿真模拟教学在急危重症护理教学中的应用	王娟娟,金瑞华,淮盼盼,徐丽华,欧瑞肖,蒋旗	(2971)
基于临床护理路径的直肠功能训练在脊髓损伤便秘病人中的应用	李婉珍,韦梅珍,许建坤,陈如冰,陈雄姿,李晓莲	(2975)
手术期间口腔护理干预对脑外伤气管插管全身麻醉病人肺部感染的影响	赵少华,方萍,陶玉琼	(2979)
罗伊适应模式联合结构式团体心理干预对颅颌面创伤病人心理弹性、应对方式及生活质量的影响	寿宇雁,高晓彦,张士莲,侯黎莉	(2983)
泌尿系统腔镜碎石取石术后尿源性脓毒血症预警评估指标体系的构建	孙玉勤,范沛榕,郝志,郑晓霞,郑浩	(2987)
维持性血液透析病人家庭自助式康复指导手册的编制	郑燕琦,刘海兵,宁云凤,朱鸣,郭悦	(2991)
Jigsaw教学法对本科护生自我调节学习能力和评判性思维能力的影响	闫蕊,赵泽琳,郭敏,马丽和,高晓红,范娜	(2995)
专科护士主导的“1+2+X”协同服务模式在骨质疏松性椎体压缩性骨折病人康复护理中的应用	卫斐,姚静,郭阳丹,韩红云	(2998)
感官刺激干预在成年重度脑损伤昏迷病人中的应用效果评价	施思	(3001)
大型船舶远洋航行对护理人员核心能力需求的质性研究	周玥,黄叶莉	(3004)
1例SP-C基因变异儿童肺移植术后护理	周淑芳,朱雪芬,吴婷,吴波,陈静瑜	(3007)

**目次(-1) Contents(-3)**

## 声 明

(依照国际惯例登载)

护理学是一门不断发展的科学。由于新的研究成果的层出不穷,临床经验的不断积累,我们有必要了解治疗、护理及用药的新变化。本刊的作者和出版者根据他们可靠的科研成就提供了当今最新的护理学资料但由于人类存在着个体差异及医学的不断发展,人们对既往科研成果有新的认识并使之不断完善,本刊编者、出版者及任何参与本刊出版的团体在此郑重声明:本刊提供的所有资料都是经过严格的审稿程序,并符合出版标准,但在临床请在上级专业人员(主管医师,上级护士)指导下使用。对因使用本刊资料而引起的任何医疗差错和事故本刊不承担任何责任。希望读者参照其他材料来证实质本刊资料的可靠性。例如,可核对将要使用的药物说明书,拟使用本刊资料时,确认本刊提供的资料是否准确及推荐的药物剂量或禁忌证有无改变,对于新药或不经常使用的药物更应如此。

Nursing Science is an ever-changing science. As new research and clinical experience broaden our knowledge, changes in treatment and drug therapy are required. The authors and the publisher of this work have checked with sources believed to be reliable to their efforts to provide information that is complete and generally in accord with the standards accepted at the time of publication. However, in view of the possibility of human individual diversity and constant development in medical sciences, neither the editors nor the publisher nor any party who has been involved in the preparation or publication of this work warrants that the information contained herein is in every respect accurate or complete, and they are not responsible for any errors or omissions or for the results obtained from use of such information. Readers are encouraged to confirm the information contained herein with other sources and give medications under the guidance of professional personnel. For example and in particular, readers are advised to check the product information sheet included in the package of each drug they plan to administer to be certain that the information contained in this book is accurate and that changes have not been made in the recommended dose or in the contraindications for administration. This recommendation is of particular importance in connection with new or infrequently used drugs.

(部分摘自 Holmes K K, et al. Sexually Transmitted Diseases. 2nd ed. New York: McGraw-Hill, 1990)

**Editorial Department of Chinese Nursing Research**

# CHINESE NURSING RESEARCH

Semimonthly

Vol. 35 No. 16 2021

## CONTENTS

### Guideline Study

**Interpretation and enlightenment of the "Core Competence of Disaster Nursing" (2019) to the development of disaster nursing in China**

HUANG Xinyue,MAO Xiaorong,MA Qinghua,YANG Wenliang..... (2821)

### Original Article

**Application effect of early in-bed cycling exercise in mechanically ventilated ICU patients:a Meta-analysis**

WANG Rui,WEI Huaping,KONG Jiajia,CHEUNG Jie,DING Nannan,ZHANG Zhigang..... (2825)

**Application of contract follow-up management model in postoperative nursing after total hip replacement**

DUAN Dan,NING Ning,ZHOU Zongke,CHEN Jiali,LI Peifang,SHI Xiaojun,WANG Ruizhen,LIAO Xia,WANG Liqun..... (2833)

**Model construction of influencing factors of thrombosis prevention and control behavior in patients undergoing hip arthroplasty**

ZENG Li,LI Suyun,CHU Jie,LUO Kaiyan,WANG Huiwen,CHEN Ting,YAN Rong,LIU Yunfang ..... (2840)

**Analysis of hotspots and frontiers of postoperative lung cancer rehabilitation research based on CiteSpace**

LU Yutong,YUAN Zhenwei,ZHANG Yanfang,DU Xue,XU Renhua ..... (2846)

**Application of cognitive behavior therapy combined with Pilates exercise in postoperative patients with lumbar intervertebral disc herniation**

ZUO Qingqing,CAO Yaqin,HE Shouyu,MIN Jikang ..... (2852)

**Sinicization and reliability and validity test of the Geriatric Self-Efficacy Scale for Oral Health**

XU Yuxin,WU Hongmei,MA Junchi,ZHANG Guangdong..... (2858)

**Effect of Lee Silverman voice treatment on swallowing function, voice quality, and ability of daily living in patients with cerebral infarction**

ZHANG Youwen,YANG Ling,BAI Xiudan,ZHANG Longping,CHENG Lianchun,XIAO Wenling,PAN Chunliu,CHEN Jie,LUO Yutian,LI Xingyu,LI Baozhen,YAO Wanxia ..... (2864)

**Impact of cognitive-behavioral intervention on the stigma and family support of HIV/AIDS patients**

ZHANG Yujie,XU Yan,WANG Huiqun,TANG Jing,JIANG Meiping,GU Yiqin..... (2869)

**Evaluation of competency and supervision effects of service quality of nursing staff on duty at psychological assistance hotline**

LI Jia,GUAN Jinying,DENG Jing,LI Hui ..... (2874)

**Application of transcutaneous electrical acupoint stimulation combined with mirror therapy in rehabilitation nursing of patients with upper limb spasticity after stroke**

FENG Qin,XU Hongyan,ZHOU Yibo,JIN Jin,ZHANG Jie,HUANG Changyu ..... (2879)

**Construction a diet control compliance scale for patients with hyperuricemia and gout based on the Delphi method**

LI Huifang,ZHU Xuemei,WU Jianjun,FAN Xiaojiang,YAO Shuihong,LI Liangxiu,LI Ni'na ..... (2884)

**Development and reliability and validity test of the treatment compliance scale for patients with chronic hepatitis B**

ZUO Feifei,WANG Yu,ZENG Dongyu,FAN Dandan,HONG Weixi..... (2889)

**Application of sedation and analgesia nursing based on the eCASH concept for mechanically ventilated ICU patients**

LI Li ..... (2895)

**Verification for the best model of the influence path of structural empowerment and psychological capital on nurses' work engagement**

ZHANG Yi'ni,YE Zhihong ..... (2900)

### Review

**Research progress on the application of hypochlorous acid in wound care**

WANG Yi'na,HE Zhenhua,ZHOU Jin,SUN Xiaofen ..... (2904)

**Research progress on shoulder function evaluation and rehabilitation exercise after neck dissection**

WEN Ruifang,LIANG Guanmian,JIANG Zifang ..... (2910)

**Research status quo of qualification certification for orthopedic specialist nurses**

CHEN Weiwei,LIU Juan,BAI Zhaoxian,FAN Xiaoqi..... (2916)

**Research progress on mobile medical care applied in advance care planning**

YANG Yanting,WANG Yongli,SUO Tingting,SUN Jiachen,SHEN Yongqing ..... (2921)

**Research progress on mobile medicine applications for self-management of gout patients**

YIN Yao,CHEN Hong ..... (2926)

**Research progress on screening and management of perinatal depression**

HU Tianyi,FENG Yaoqing,ZHAO Huimin..... (2930)

**Research progress on remote ward rounds at home and abroad**

CHENG Qingyun,ZHANG Yan,LIU Zhen,LIU Yutong,XU Bing,LI Xiaohua,LU Yixin,GAO Yue,GAO Mengke ..... (2934)

<b>Research progress on robot-assisted therapy applied in children with autism spectrum disorder</b>	(2938)
WANG Zhidan,WANG Chang .....	
<b>Research progress on behavioral activation therapy for family caregivers of patients with dementia</b>	(2942)
LIU Lin,SONG Jie,JIANG Qianqian,LU Xiaohan,CHEN Haiwen .....	
<b>Research progress on the demands of supportive home care for elderly patients with chronic diseases</b>	(2946)
WANG Yaping,TANG Langjuan,YUE Lichun,ZHAO Yueqiu,HAN Xue .....	
<b>Comprehensive Study</b>	
<b>Construction of the "internet + nursing service" training system for nurses based on the Delphi method</b>	(2950)
HU Linli,SONG Yulei,XU Guihua,BAI Yamei .....	
<b>Training demands of newly recruited nurses on ideological and moral course: a phenomenological study</b>	(2956)
WU Yifan,HUANG Jiali,CHEN Yiwen,HOU Lili .....	
<b>Construction of the elderly care services demand framework for the elderly living alone in Yunnan Bai Nationality based on grounded theory</b>	(2961)
LU Han,ZHAO Yuan,SHI Tingting,ZHU Xiaoli,YANG Ajing .....	
<b>Nursing care of adverse reactions related to immune checkpoint inhibitors treatment</b>	(2966)
MA Yanmei,LIU Yu,NI Hong,Qin Huiying .....	
<b>Application of high simulation teaching under 3C guided feedback in emergency and critical care teaching</b>	(2971)
WANG Juanjuan,JIN Ruihua,HUAI Panpan,XU Lihua,OU Ruixiao,JIANG Qi .....	
<b>Application of rectal function training based on clinical nursing path in patients with spinal cord injury and constipation</b>	(2975)
LI Wanzen,WEI Meizhen,XU Jiankun,CHEN Rubing,CHEN Xiongzi,LI Xiaolian .....	
<b>Impact of oral nursing intervention during the operation on pulmonary infection in patients with brain trauma and tracheal intubation under general anesthesia</b>	(2979)
ZHAO Shaohua,FANG Ping,TAO Yuqiong .....	
<b>Effect of Roy adaptation model combined with structural group psychological intervention on the psychological resilience,coping style and quality of life of patients with crano-maxillofacial trauma</b>	(2983)
SHOU Yuyan,GAO Xiaoyan,ZHANG Shilian,HOU Lili .....	
<b>Construction of a warning and evaluation index system for urinary sepsis after laparoscopic lithotripsy of urinary system</b>	(2987)
SUN Yuqin,FAN Peirong,HAO Zhi,ZHENG Xiaoxia,ZHENG Hao .....	
<b>Construction of home self-help rehabilitation instruction manual for maintenance hemodialysis patients</b>	(2991)
ZHENG Yanqi,LIU Haibing,NING Yunfeng,ZHU Ming,GUO Yue .....	
<b>Impact of Jigsaw teaching method on self-regulated learning ability and critical thinking ability of undergraduate nursing students</b>	(2995)
YAN Rui,ZHAO Zelin,GUO Min,MA Lihe,GAO Xiaohong,FAN Na .....	
<b>Application of "1+2+X" collaborative service model led by specialist nurses in rehabilitation nursing of patients with osteoporotic vertebral compressive fractures</b>	(2998)
WEI Fei,YAO Jing,GUO Yangdan,HAN Hongyuan .....	
<b>Effect evaluation on sensory stimulation intervention in adult patients with severe brain injury and coma</b>	(3001)
SHI Si .....	
<b>Nursing staff core competence demands for ocean voyage on large-scale vessel: a qualitative research</b>	(3004)
ZHOU Yue,HUANG Yeli .....	
<b>Nursing care of a child with SP-C gene variation after lung transplantation</b>	(3007)
ZHOU Shufang,ZHU Xuefen,WU Ting,WU Bo,CHEN Jingyu .....	

## CHINESE NURSING RESEARCH

(Semimonthly)

Vol. 35 No. 16 2021

### General Editors

HAN Qinghua, WANG Yiqiang

### Editor-in-Chief

HAN Shifan

### Standing Deputy Editor-in-Chief and Editorial Director

CHENG Jinlian

### Sponsor

The First Hospital of Shanxi Medical University  
Shanxi Nursing Association

### Editing

Chinese Nursing Research Editorial Office

Address No. 85, Jiefang South Road, Taiyuan 030001,  
Shanxi, China

Tel +86 351 463 9626

Fax +86 351 211 5337

E-mail sxhulizz@vip.163.com

URL www.hlyjzz.com

http://www.suol.cn

### Publishing

Shanxi Medical Periodical Press

### Printing

Shanxi Huawei Kejie Printing Limited Company

### Domestic Distributor

Postal Newspaper and Journal Publishing House  
of Shanxi Province  
Subscription code 22—130

### Overseas Distributor

China International Book Trading Corporation, P.O.  
Box 399, Beijing, 100044, China  
Code No. TP4508

### Subscriptions

Local Post Offices

### CSSN

ISSN 1009—6493

CN 14—1272/R

### Established

1987

### Publication Date

25 August, 2021