

ISSN 1674-9308
CN 11-5709/R

CCME CHINA
CONTINUING
MEDICAL
EDUCATION
中国继续医学教育
ZHONGGUO JIXU YIXUE JIAOYU

| 第 | 11 | 期 |
2022年6月第14卷第11期
(June 2022 Vol.14 No.11)

中国核心期刊(遴选)数据库收录期刊
中国学术期刊综合评价数据库统计源期刊
中国期刊全文数据库收录期刊

国家卫生健康委员会主管



目次

主 管 国家卫生健康委员会

主 办 中国水利电力医学科学技术学会

学 术 《中国继续医学教育》学术委员会

主任委员

孟 群

副主任委员

姒健敏 刘文川 曾 诚

主编/编辑部主任：吕春雷

编辑部副主任：毕晓明 张成兰

责任编辑：李雪萌

封面及版式设计：刘 强

出 版 《中国继续医学教育》杂志社

地 址 北京市西城区红莲南路30号4层

邮 编 100055

电 话 010-64476883

网 址 www.ccmezz.com

投稿邮箱 ccme@vip.163.com

cpd@vip.163.com

发行范围 公开

发 行 中国邮政集团公司北京市报刊发行局

邮发代号 80-311

印 刷 北京美图印务有限公司

定 价 50.00元/期

广告发布登记

京西工商广登字20170143号

中国标准连续出版物号

ISSN 1674-9308

CN 11-5709/R

©2022 by CCME

本刊版权所有，未经许可不得擅自转载和摘引。

教学改革

卫生毒理学在网络教学中的思考

……………张吉芊竹 陈基快 严朗 郑怡文 段万里 肖良 高方圆 1

叙事医学在肾脏病理论教学中的运用探讨……………张颖莹 崔春黎 余晨 4

基于雨课堂的智慧教学在中医骨伤科教学中的应用研究

……………袁凯 邵洋 邓威 李宗瑶 舒雯 谢波 唐永超 梁德 张顺聪 8

云平台创新医学院校计算机类课程教学模式……………郝丽俊 司博宇 王艳 严加勇 12

通过线上线下混合式教学打造有温度的无机化学课程

……………王国薇 付双 夏春辉 李红梅 张洪光 16

感染科住院医师规范化培训模式改革探讨……………谭雪 李琦 陈畅 陈国林 20

教学法研究

翻转课堂联合互联网技术在临床护理教学实践中的应用进展

……………杜棣 蒋蝶 王军梅 李红 杨园 毕叶 徐晓燕 江珉 24

多元化教学模式在口腔种植住培中的探索与实践……………姜治伟 李娜 任凌飞 杨国利 28

异质化教学体系在高职院校病理学教学中的应用研究

……………亢春彦 王凌霄 张秀芝 肖红 薛玉仙 吕丰收 高凤兰 32

3D打印联合CBL在脊柱科临床见习中的应用研究……………李国威 阎雪 36

雨课堂和SPOC在药学本科物理化学教学中的应用研究

……………隋小宇 董岩 袁橙 刘婷婷 刘畅 韩翠艳 40

PBL、CBL教学法与传统教学在《全科医学》教学中的应用与比较

……………杨晓辉 隋淼 李苗苗 于扬 43

网络PBL教学法在心内科住院医师规范化培训中的实践与探索

……………左琦 李天发 王军 郑婉 朱厚玲 47

翻转课堂与CBL在疼痛科住院医师规范化培训中的应用

……………曹芳莉 王伍超 陈华伦 黄磐川 52

CBL、PBL联合SP教学模式在肾内科实习带教中的探索与应用……………胡志伟 王艳 55

辩论式教学法在眼科见习课中的应用效果·····	纪芳 张玉茹 代春华 辛梦 刘澍	59
TBL联合可视纤支镜在麻醉进修医师气管插管教学中的应用·····	邝立挺 张涛	63
翻转课堂在临床病理住院医师规范化培训阅片带教中的应用·····	林洁 罗杰 钟定荣	67
Mini-CEX联合PBL教学法在内科教学中的应用研究·····	刘晓丹 陈琛	71
探讨情境模拟教学法在儿科护理实训教学中的应用·····	易晓利 张涵 江晓丽 胡小和	75
病案式联合PBL教学法在心血管内科教学查房中的应用·····	于养生	78
PBL联合CBL教学法在外科临床教学中的效果·····	张燕丽 吕永双	82

教育实践

本科实习生岗前输血知识问卷调查及教学方案探讨·····	陈冠伊 迟云飞 吴靖辉 欧阳锡林	88
探讨基层党组织在医学教育中的战斗堡垒作用·····	贾春丽 包建玲 蒋升 马丽 汤冉 杜国利	92
全过程管理在继续进修教育管理中的应用与效果·····	王川 陈琳 金鑫	97
客观结构化考核方式在护理专业课程中的应用·····	徐向玲 董姣姣	101
探讨混合式教学模式在局部解剖学中的应用效果·····	田伟 曾亮 王正东	105
基于MDT教学模式的肿瘤临床护理教学实践及效果评价研究·····	陈凤敏 徐锦江 陈静 徐淼 金鹏	108
中医药文化教学在护理带教中的效果·····	陶鸿飞	113
线上线下混合式教学效果的调查与分析·····	高艺文 李威威 苏妍 张楠	117
思政教育潜移默化于诊断学教学中的应用探索·····	郭春兰 张红珍	121
不同带教模式在手术室护理带教中的应用效果分析·····	李晗梅	124
一对一导师制对新入职护士岗位胜任力的影响研究·····	林三秀 曾茶连 康乐汀	128
PDCA结合情景模拟在胸外科带教中的价值·····	刘建伟 刘珍	132
医疗纠纷案例联合互动教学在骨科教学中的应用·····	刘伟 李静 杨帆 赵强 张翠影	136
内科住院医师规范化培训结业技能考核前培训的效果分析·····	张殷殷 林刁珠 林瑾 赖宇 詹俊	139

学术观点

《医学微生物学》辩证思维创新思想体系建设研究·····	陈新安 李文妹 薛向阳	143
巴林特小组在当下住培工作中的应用探讨·····	孔丽丽 崔燕 魏玉丹 赵颖	148
提高肾内科青年教师教学能力的思考·····	李健思 陈晓	151

基于PI制和TOPSIS法对非全日制研究生创新能力培养模式研究	马静 范良生 何毛毛 周惠玲 王涵多 王薇	154
过程考核在检验医学科住院医师规范化培训中的应用	宋桂瑜 徐丹菲 高佳 崔巍	159
“四证合一”模式提高骨伤研究生培养质量的探索	汪利合	162
海战颅脑创伤专科救治技术培训体系建设构想	张丹枫 陈文 王君玉 韩凯伟 徐浩翔 侯立军	165
专科医院新职工岗前培训的实施及探讨	张曼 杨旭	169
基层县级医院超声学科建设难点与对策	何炼图 汤庆 丁尚伟 齐丽丽 陈武羲	173
“金课”背景下内分泌科学学位研究生培养初探	姜丁文 刘畅 郑丹萌 陈晔	176
《麻醉生理学》区域性教学及远程教育初探	李生花	180
新增超声医学科专业基地建设初期的常见困难及对策探索	吴盛正 张冰琦 何羲凝 单雪霞 陈梅 任秀昀	183
教学培训全过程管理的信息化实践	殷旭东 焦云根 王磊 徐艳 郑世军 胡艺	186
住院医师规范化培训基地形成性评价的实施与管理	黄虑 姜昊文 周颖杰 王蓓	190

综述

不同运动模式对超重和肥胖者Chemerin影响的研究进展	万泽睿 郑彭 赵一瑾	194
------------------------------------	------------	-----

CHINA CONTINUING MEDICAL EDUCATION

Established in March 2009 Volume 14, Number 11 June 15, 2022

Responsible Institution:

National Health Commission of the People's
Republic of China

Sponsor:

China Water Resources and Electric Engineering
Medical Association

Academic Advising:

Academic Committee of China Continuing
Medical Education

Chairman:

MENG Qun

Vice Chairman:

SI Jianmin LIU Wenchuan ZENG Cheng

Editor-in-Chief / Managing Director:

LYU Chunlei

Vice Managing Director:

BI Xiaoming ZHANG Chenglan

Executive Editor:

LI Xuemeng

Executive Designer:

LIU Qiang

Publishing:

China Continuing Medical Education Press

Address:

4F, No.30, Honglian South Road, Xicheng
District, Beijing

Zip Code: 100055**Tel:** 010-64476883**Website:** www.ccmezz.com**E-mail:** ccme@vip.163.com

cpd@vip.163.com

Distributor:

Beijing Newspaper and Periodical Publishing
Bureau, China Post Group

Code No. 80-311

Printing:

Beijing Meitu Printing Co., Ltd.

CSSN:

ISSN 1674-9308

CN 11-5709/R

©2022 by CCME

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

CONTENTS

Education Reform

1 The Thinking of Health Toxicology in Network Teaching ZHANG Jiqianzhu CHEN Jikuai

YAN Lang ZHENG Yiwen DUAN Wanli XIAO Liang GAO Fangyuan

4 Assessment for Narrative Medicine - based Medical Education Applied in Nephrology

Curriculum ZHANG Yingying CUI Chunli YU Chen

8 Application of Smart Teaching Based on Rain Classroom in Teaching of Orthopedics of

Traditional Chinese Medicine YUAN Kai SHAO Yang DENG Wei LI Zongyao SHU Wen

XIE Bo TANG Yongchao LIANG De ZHANG Shuncong

12 Innovation of Teaching Mode for Computer Courses of Medical Colleges Based on Cloud

Platform HAO Lijun SI Boyu WANG Yan YAN Jiayong

16 Building Inorganic Chemistry Course With Temperature Through Online and Offline Blended

Teaching WANG Guowei FU Shuang XIA Chunhui LI Hongmei ZHANG Hongguang

20 Discussion on the Reform of Standardized Training Mode for Resident Physicians in Infectious

Diseases Department TAN Xue LI Qi CHEN Chang CHEN Guolin

Education Research

24 Application Progress of Flipped Classroom and Internet Technology in Clinical Nursing

Teaching Practice DU Di JIANG Die WANG Junmei LI Hong YANG Yuan BI Ye

XU Xiaoyan JIANG Min

28 Exploration and Practice of Diversified Teaching Mode in Standardized Training for Dental

Implant Residents JIANG Zhiwei LI Na REN Lingfei YANG Guoli

32 Research on Application of Heterogeneous Teaching System in Pathology Teaching in Higher

Vocational Colleges KANG Chunyan WANG Lingxiao ZHANG Xiuzhi XIAO Hong

XUE Yuxian LYU Fengshou GAO Fenglan

- 36 Application of 3D Printing Combined With CBL in Clinical Probation of Spinal Department *LI Guowei YAN Xue*
- 40 Application of Rain Classroom and SPOC in Physical Chemistry Teaching of Pharmacy Undergraduate
SUI Xiaoyu DONG Yan YUAN Cheng LIU Tingting LIU Chang HAN Cuiyan
- 43 Application and Comparison of PBL, CBL With Traditional Teaching Method in *General Medicine* *YANG Xiaohui SUI Miao LI Miaomiao YU Yang*
- 47 Application and Exploration of Web Problem-based Learning Teaching in Standardized Training of Cardiovascular Residents
ZUO Qi LI Tianfa WANG Jun ZHENG Wan ZHU Houling
- 52 Probe into Flipped Class Model Plus CBL on the Standardized Training of Resident Doctors in Pain Clinics
CAO Fangli WANG Wuchao CHEN Hualun HUANG Panchuan
- 55 Exploration and Application of CBL, PBL and SP Teaching Mode in Nephrology Practice Teaching *HU Zhiwei WANG Yan*
- 59 The Application Effect of Argumentative Teaching Method in Ophthalmology Probation *JI Fang ZHANG Yuru DAI Chunhua XIN Meng LIU Shu*
- 63 TBL Teaching Method Combined With the Application of Visible Fibrobronchoscope in Endotracheal Intubation of Anesthetized Refresher Doctors
KUANG Liting ZHANG Tao
- 67 The Application of Flipped Classroom Teaching Model in the Standardized Training of Clinical Pathological Residents *LIN Jie LUO Jie ZHONG Dingrong*
- 71 Application of Mini-CEX Combined With PBL Teaching Methods in Internal Medicine Teaching *LIU Xiaodan CHEN Chen*
- 75 To Explore the Application of Situational Simulation Teaching Method in the Teaching of Pediatric Nursing Practice *YI Xiaoli ZHANG Han JIANG Xiaoli HU Xiaohe*
- 78 Application of Medical Record Combined With PBL Teaching Mode in Teaching Ward Round of Cardiovascular Department *YU Yangsheng*
- 82 A Meta-analysis of the Effect of PBL Combined With CBL in Surgical Clinical Teaching *ZHANG Yanli LYU Yongshuang*
- Education Practice**
- 88 Questionnaire Survey and Discussion of Teaching Plan for the Medicine Interns in Blood Transfusion Knowledge
CHEN Guanyi CHI Yunfei WU Jinghui OUYANG Xilin
- 92 To Explore the Basic-level Party Organization's Role in Medical Education *JIA Chunli BAO Jianling JIANG Sheng MA Li TANG Ran DU Guoli*
- 97 The Application and Effect of Whole Process Management in Continuing Education Management *WANG Chuan CHEN Lin JIN Xin*
- 101 Application of Objective and Structured Assessment Method in Nursing Professional Courses *XU Xiangling DONG Jiaojiao*

- 105 Discuss the Application Effect of Mixed Teaching Mode in Regional Anatomy *TIAN Wei ZENG Liang WANG Zhengdong*
- 108 The Effect of Clinical Tumor Nursing Teaching Practice Based on MDT Teaching Mode *CHEN Fengmin XU Jinjiang CHEN Jing XU Miao JIN Peng*
- 113 The Effect of Traditional Chinese Medicine Culture Teaching in Nursing Teaching *TAO Hongfei*
- 117 Investigation and Analysis of Online and Offline Blended Teaching Effects *GAO Yiwen LI Weiwei SU Yan ZHANG Nan*
- 121 The Application and Exploration of Ideological and Political Education in the Teaching of Diagnostics *GUO Chunlan ZHANG Hongzhen*
- 124 Application Effect Analysis of Different Teaching Modes in Operating Room Nursing Teaching *LI Hanmei*
- 128 Study on the Influence of One-to-one Tutorial System on the Post Holding Ability of New Nurses *LIN Sanxiu ZENG Chalian KANG Leting*
- 132 The Value of PDCA Combined With Scenario Simulation in Thoracic Surgery Teaching *LIU Jianwei LIU Zhen*
- 136 Medical Dispute Cases and Interactive Teaching Application in Orthopedics Teaching *LIU Wei LI Jing YANG Fan ZHAO Qiang ZHANG Cuiying*
- 139 Analysis of the Effects of Pre-final Skills Examination Training on Standardized Training of Internal Medicine Residents
ZHANG Yinyin LIN Diaozhu LIN Ying LAI Yu ZHAN Jun
- Academic View**
- 143 Research on the Construction of Dialectical Thinking Innovation Ideological System in *Medical Microbiology* *CHEN Xinan LI Wenshu XUE Xiangyang*
- 148 Discussion on the Application of Balint Group in the Standardized Training of Residents *KONG Lili CUI Yan WEI Yudan ZHAO Ying*
- 151 Thoughts on Improving the Teaching Ability of Young Teachers in Nephrology Department *LI Jiansi CHEN Xiao*
- 154 Research on the Innovation Ability Cultivation of Part-time Postgraduates Based on the PI System and TOPSIS Method
MA Jing FAN Liangsheng HE Maomao ZHOU Huiling WANG Handuo WANG Wei
- 159 The Application of Period Assessment in the Resident Standardized Training of Clinical Laboratory Medicine *SONG Guiyu XU Danfei GAO Jia CUI Wei*
- 162 Exploration on Improving the Training Quality of Professional Master Postgraduates in Orthopedics and Traumatology Under the Mode of “Four Certificates in One”
WANG Lihe
- 165 Construction of Training System for the Treatment of Traumatic Brain Injury in Naval Battle
ZHANG Danfeng CHEN Wen WANG Junyu HAN Kaiwei XU Haoxiang HOU Lijun
- 169 Implementation and Discussion of Pre-post Training for New Staff in Specialized Hospitals *ZHANG Man YANG Xu*

173 Difficulties and Countermeasures of Ultrasonic Discipline Construction in County-level Hospitals *HE Liantu TANG Qing DING Shangwei QI Lili CHEN Wuxi*

176 Preliminary Study on the Cultivation of Postgraduates of Endocrine Science Degree Under the Background of "Golden Course"

JIANG Dingwen LIU Chang ZHENG Danmeng CHEN Ye

180 Preliminary Study on Regional Teaching and Distance Education of *Anesthesia Physiology*

LI Shenghua

183 Common Difficulties and Countermeasures in the Initial Construction Stage of Newly Approved Ultrasound Training Base

WU Shengzheng ZHANG Bingqi HE Xining SHAN Xuexia CHEN Mei REN Xiuyun

186 Information Practice During the Whole Process of Teaching and Training Management

YIN Xudong JIAO Yungen WANG Lei XU Yan ZHENG Shijun HU Yi

190 Implementation and Management of the Formative Assessment for the Standardized Resident Training Base

HUANG Lyu JIANG Haowen ZHOU Yingjie WANG Bei

Review

194 Research Progress of the Effects of Different Exercise Modes on Chemerin in the Serum of Overweight and Obesity

WAN Zerui ZHENG Peng ZHAO Yijin