

- 中国科技核心期刊
- 中国科技论文统计源期刊
- 中国期刊全文数据库收录期刊

ISSN 1672-1993

CN 11-4982/R

# 中国性科学

ZHONGGUO XINGKEXUE

吴阶平题



2021年2月 第30卷 第2期  
February 2021 Vol.30 No.2

## CHINESE JOURNAL OF HUMAN SEXUALITY

2/*2021*

ISSN 1672-1993



9 771672 199217

主管单位：国家卫生健康委员会  
主办单位：中国性学会

# 目 次

2021 年 2 月 第 30 卷 第 2 期(总第 253 期)

## 卷首语

2020 性学相关十大新闻事件 ..... 中国性学会宣传教育部

## 论著

### · 男科与性医学 ·

- 非细胞治疗——干细胞来源细胞外囊泡在勃起功能障碍及损伤组织再生中的应用 ..... 吴寒 赵连明 林浩成 姜辉(1)  
男性后尿道血管瘤诊治探讨 ..... 高庆强 宋涛 徐志鹏 陈海 余文 徐杨 徐春璐 戴玉田(5)  
崔学教教授治疗 2 型糖尿病型阳痿的方药规律研究 ..... 张辉 刘鸿 王辉 陈铭 蒙浩 冯楚辉 童文婷(7)  
知觉压力对不育患者精子染色质结构完整性的影响因素分析 ..... 廖娟 常亚丽 刘琳 赵小东 杨媛 胡俊平(11)  
绿激光前列腺汽化切除术与低压灌注下四区分割前列腺等离子剜除术治疗 ..... 高龄高危良性前列腺增生患者的临床效果比较 ..... 李小鑫 朱建 鞠建 陈海燕 解吕中(14)  
不育患者年龄与精液常规参数及精子 DNA 完整性的关系研究 ..... 彭洁 易兵 戚青林(18)  
Rigiscan AVSS 硬度监测参数值与勃起功能障碍危险因素的相关性分析 ..... 崔腾腾 桂士良 王宝田 赵健 刘琛 迟宝进 魏勃(22)  
生殖支原体感染对不育男性精液质量的影响 ..... 马婧 李露 柴路维 刘晓淋 李佩莲 靳蓉 黄国宁(26)  
后腹腔镜肾盂切开取石术对男性肾盂结石患者血液流变学与性功能指标的影响 ..... 牟健(29)  
早期临床干预对男性泌尿生殖系急性损伤患者性功能影响 ..... 忻刚 胡常华 熊丽荣(33)  
国内外治疗儿童包茎方法研究进展 ..... 李金涛 崔应东(36)

### · 妇科与生殖医学 ·

- 人第 10 号染色体缺失的磷酸酶及张力蛋白同源的基因在胚胎发育与着床中的研究进展 ..... 彭佳丽 肖卓妮(39)  
经阴道超声宫颈长度联合胎儿纤维连接蛋白检测对孕中、晚期双胎妊娠早产及分娩方式预测研究 ..... 郭红梅 王薇 雷玲 王琪 韩静(42)  
美沙酮维持治疗对女性海洛因依赖患者性功能及谷丙转氨酶、脂蛋白 a 水平的影响 ..... 肖进蕾 肖远扬 张鹏 张臣 王瑞玲 戈姣 韩阳 尹森花(45)  
石家庄市育龄妇女优生十项的知晓情况及前瞻性干预措施 ..... 王熙 马翠霞 贾立云 杨翠 祁麟 潘雪娇 李天洁 杨会欣 王莉莎(48)  
糖脂代谢指标与妊娠糖尿病孕妇胰岛素抵抗程度的关系及对巨大儿的预测效能研究 ..... 欧国平 董剑 王柱 赵峻英 杨静(52)  
输卵管再通术、中药联合用于输卵管梗阻性不孕患者治疗对其梗阻程度、妊娠情况的影响 ..... 樊涛 李江鹏 马文娟 王建锋(55)  
头孢三嗪联合苄青霉素治疗妊娠期梅毒的临床效果及安全性评价 ..... 王春侠 杨红 马进 张云涛 邢孝环(59)  
单角子宫不孕患者行 IVF/ICSI 助孕妊娠结局的 Meta 分析 ..... 濮义福 卢少明 朱兴旺 高欣艳 张硕 颜磊(62)  
止血带捆绑下子宫下段环形蝶式缝扎术在凶险性前置胎盘伴胎盘植入中的应用效果研究 ..... 柯雁飞 罗丽琼 张桂丽 钟敏(66)  
小剂量阿托西班对妊娠中晚期羊水过少患者妊娠结局的影响 ..... 赵娜 郭力那 王新彦 郝晓玲 段一丁(69)

# IL-6、D-二聚体及 CRP 联合检测在未足月胎膜早破高危孕妇早期预测中的应用

价值 ..... 柯旭 周荣生 曹振平(72)

会阴三维超声结合血清松弛素水平对女性盆底功能障碍的诊断价值 ..... 袁亚玲 向莉 王成宇 曾翔(76)

紫杉醇联合卡铂新辅助化疗对局部晚期宫颈癌患者的疗效及其对免疫功能和远期

预后的影响 ..... 仇玉兰 张玮 杨淑丽(78)

探讨 TVS 联合 FIESTA 对植入型凶险性前置胎盘的分析 ..... 马文娟 王建锋 李江鹏 樊涛(82)

曲普瑞林联合不同剂量米非司酮在子宫肌瘤治疗中的应用价值研究 ..... 张志恒 谢卓 陈娟(85)

运动台签对预防妇科肿瘤患者术后下肢深静脉血栓形成的影响分析 ..... 朱慧子 龙甜 张蓓(89)

宫腔镜下电切术联合 GnRH-a 在子宫黏膜下肌瘤异常子宫出血患者中的研究

..... 吴利萍 侯伟涛 牛三强 郭慧娟 杜宁宁(92)

妊娠糖尿病孕妇肠道乳杆菌属和双歧杆菌属水平与糖脂代谢指标的相关性

..... 张永妍 李佳杰 陈轶尘(96)

AIDET 标准沟通模式联合导乐分娩在初产妇分娩中的应用效果 ..... 马玲(100)

盆底肌电刺激联合生物反馈对子宫全切术患者盆底肌肉肌力、压力性尿失禁

发生率及性功能的影响 ..... 钱朝秦 顾光华 秦霜阳(103)

基于网络信息化护理管理模式在妊娠期糖尿病肾病并发蛋白尿患者肾功能

改善中的效果 ..... 孙尚绘 朱秀娟(107)

基于虚拟现实技术的盆底肌肉锻炼对产后盆底功能障碍患者的影响

..... 史永梅 商文金 贾丽华 李陵 李秋颖 常桂香 张昉 郑莹(109)

## · 中医性学 ·

麝香配伍乳香对慢性前列腺炎模型大鼠脊髓 L5-S2 段背角 P 物质表达水平的

影响 ..... 朱治亚 吴泳蓉 闵杰 罗新筠 黄甜甜 李仙福 张仲楠 周青 高瑞松(112)

从“精不足者补之以味”探讨少、弱精子症的辨治 ..... 刘煜 郭军 王福 晏斌(116)

坤泰胶囊对围绝经期综合征患者生存质量与卵巢功能影响 ..... 李晓辉 王庆玖 田梦蝶(119)

从心肾论治早泄思路浅谈 ..... 罗新筠 黄甜甜 李仙福 龙衍 周青(122)

补肾涤痰汤对多囊卵巢综合征合并不孕患者胰岛素抵抗程度、性激素水平及妊娠

情况的影响 ..... 刘霞 云电 徐比萍(125)

古为今用:房中著述在性周期各阶段中的指导应用 ..... 叶廷龙 陈佐龙 张泽南(129)

补肾活血汤对多囊卵巢综合征不孕症大鼠卵巢超微结构的影响及助孕效果观察 ..... 李姣 (131)

## · 皮肤性病学 ·

上海市男男性行为人群中 HIV 感染者生存质量及其影响因素分析

..... 张少晨 张勇 樊爱青 管麒元(135)

2013—2017 年宁波地区无偿献血人群 HIV 感染趋势分析 ..... 方颖 蒋鑫(138)

阿昔洛韦联合阴道用乳杆菌胶囊治疗女性复发性生殖器疱疹的疗效分析 ..... 邵勇(141)

冠心病合并梅毒男性患者超声心动图的特征表现 ..... 张晓 何丹(144)

## · 性心理学 ·

跨性别者性别身份的心理评估和社会学观点 ..... 韩萌 吴任钢(147)

## · 性教育与性健康 ·

家长关于儿童青春期妇科检查认知的定性研究 ..... 李艳 刘雪娇 朱伟 姚莉(150)

社区冠心病患者焦虑程度、性知识认知水平和性教育需求程度的影响因素

及三者间的相关性 ..... 李程秀 申倩倩 何平平 邹春华 陈雪梅 向帆 彭慧 肖丹 杨娇(154)

## · 性人文社会科学 ·

山东省女大学生非意愿性行为现状研究

..... 王成岗 任雪莲 宋靖杰 杨春涛 王志鹏 闫一鸣 李友卫(157)

# CONTENTS

February 2021 Vol. 30 No. 2 (Total No. 253)

## Commentary

Top 10 sexuality-related events in 2020 ..... Department of Publicity and Education, CSA

## Academic Articles

### • Andrology and Sexual Medicine •

- Acellular therapy——stem cell-derived extracellular vesicles in erectile dysfunction and tissue regeneration ..... WU Han, ZHAO Lianming, LIN Haocheng, JIANG Hui( 1 )  
Diagnosis and treatment of male posterior urethral hemangioma ..... GAO Qingqiang, SONG Tao, XU Zhipeng, CHEN Hai, YU Wen, XU Yang, XU Chunlu, DAI Yutian( 5 )  
Research on professor Cui Xuejiao's formulas for treatment of type 2 diabetic impotence ..... ZHANG Hui, LIU Hong, WANG Hui, CHEN Ming, MENG Hao, FENG Chuhui, TONG Wenting( 7 )  
Influencing factors of perceptual stress on the structural integrity of sperm chromatin in infertile patients ..... LIAO Juan, CHANG Yali, LIU Lin, ZHAO Xiaodong, YANG Yuan, HU Junping(11)  
Comparison of the green laser photoselective vaporization of prostate and four area division plasmakinetic enucleation of prostate in treating elderly patients with high-risk benign prostatic hyperplasia ..... LI Xiaoxin, ZHU Jian, JU Jian, CHEN Haiyan, XIE Lyuzhong(14)  
Relationship between age and semen routine parameters and sperm DNA integrity of infertile men ..... PENG Jie, YI Bing, QI Qinglin(18)  
Correlation of Rigiscan AVSS hardness monitoring parameters and risk factors of erectile dysfunction ..... CUI Tengteng, GUI Shiliang, WANG Baotian, ZHAO Jian, LIU Chen, CHI Baojin, WEI Bo(22)  
Influence of mycoplasma genitalium infection on semen quality in male infertility ..... MA Jing, LI Lu, CHAI Luwei, LIU Xiaolin, LI Peilian, JIN Rong, HUANG Guoning(26)  
Effect of retroperitoneal laparoscopic pyelolithotomy on hemorheology and sexual function of male pyelolithiasis ..... MOU Jian(29)  
Effect of early clinical intervention on sexual function of men with acute urogenital injury ..... XIN Gang, HU Changhua, XIONG Lirong(33)  
Research progress in the treatment of children phimosis at home and abroad ..... LI Jintao, CUI Yingdong(36)

### • Gynecology and Reproductive Medicine •

- Research progress of phosphate and tension homology deleted on chromosome ten gene in embryo development and implantation ..... PENG Jiali, XIAO Zhuoni(39)  
Prediction of premature delivery and delivery mode in middle and third trimester twin pregnancy by cervical length combined with fetal fibronectin detection by transvaginal ultrasound ..... GUO Hongmei, WANG Wei, LEI Ling, WANG Qi, HAN Jing(42)  
Effect of MMT on sexual function and levels of GPT and lipoprotein a in female heroin addicts ..... XIAO Jinlei, XIAO Yuanyang, ZHANG Peng, ZHANG Chen, WANG Ruiling, GE Jiao, HAN Yang, YIN Senhua(45)  
Awareness of ten items of eugenics test among women of childbearing age in Shijiazhuang City and the prospective interventions ..... WANG Xi, MA Cuixia, JIA Liyun, YANG Cui, QI Lin  
PAN Xuejiao, LI Tianjie, YANG Huixin, WANG Lisha(48)  
Relationship between glycolipid metabolism indexes and insulin resistance of pregnant women with gestational diabetes mellitus and its predictive effect on macrosomia ..... OU Guoping, DONG Jian, WANG Zhu, ZHAO Junying, YANG Jing(52)  
Effect of fallopian tube recanalization combined with traditional Chinese medicine on the obstruction degree and pregnancy in patients with tubal obstructive infertility ..... FAN Tao, LI Jiangpeng, MA Wenjuan, WANG Jianfeng (55)  
Clinical efficacy and safety evaluation of ceftriaxone combined with benzylpenicillin in the treatment of syphilis during pregnancy ..... WANG Chunxia, YANG Hong, MA Jin, ZHANG Yuntao, XING Xiaohuan(59)  
IVF/ICSI assisted pregnancy outcomes in infertile women with unicornuate uterus:a Meta analysis ..... PU Yifu, LU Shaoming, ZHU Xingwang, GAO Xinyan, ZHANG Shuo, YAN Lei(62)  
Application of circular butterfly suture in the lower segment of uterus with tourniquet binding in the treatment of pernicious placenta previa with placenta accreta ..... KE Yanfei, LUO Liqiong, ZHANG Guili, ZHONG Min(66)  
Effect of low-dose heparin on pregnancy outcome of oligohydramnios in middle and late trimester ..... ZHAO Na, GUO Lina, WANG Xinyan, HAO Xiaoling, DUAN Yiding(69)  
Clinical value of combined detection of IL-6, D-dimer and CRP in early prediction of high-risk pregnant women with premature rupture of membranes ..... KE Xu, ZHOU Rongsheng, CAO Zhenping(72)  
Value of perineal three-dimensional ultrasonography combined with serum relaxin level in diagnosing female pelvic floor dysfunction ..... YUAN Yaling, XIANG Li, WANG Chengyu, ZENG Xiang(76)

Efficacy of neoadjuvant chemotherapy with paclitaxel plus carboplatin on patients with locally advanced cervical cancer and its effect on immunologic function and long-term prognosis ..... *QIU Yulan, ZHANG Wei, YANG Shuli*(78)  
Analysis on TVS combined with FIESTA in the implantable dangerous placenta previa ..... *MA Wenjuan, WANG Jianfeng, LI Jiangpeng, FAN Tao*(82)

Value of triptorelin combined with different doses of mifepristone in the treatment of uterine leiomyoma ..... *ZHANG Zhiheng, XIE Zhuo, CHEN Juan*(85)  
Analysis of the effect of exercise table sign on prevention of lower extremity deep venous thrombosis in gynecological tumor patients after operation ..... *ZHU Huizi, LONG Tian, ZHANG Bei*(89)

Application of hysteroscopic electrotomy combined with GnRH-a in patients with submucosal myoma abnormal uterine bleeding ..... *WU Liping, HOU Weitao, NIU Sanqiang, GUO Huijuan, DU Ningning*(92)  
Correlation between the levels of Lactobacillus and Bifidobacterium and the parameters of glucose and lipid metabolism in pregnant women with gestational diabetes mellitus ..... *ZHANG Yongyan, LI Jiajie, CHEN Yichen*(96)  
The effect of AIDET standard communication template combined with doula delivery in primipara delivery ..... *MA Ling*(100)  
Effect of pelvic electrical stimulation combined with biofeedback on pelvic floor muscle strength, stress urinary incontinence incidence rate and sexual function in patients undergoing total hysterectomy ..... *QIAN Chaoqin, GU Guanghua, Qin Shuangyang*(103)

Effect of network-based information nursing management mode on renal function improvement in patients with gestational diabetic nephropathy complicated with proteinuria ..... *SUN Shanghui, ZHU Xiujuan*(107)  
Effect of pelvic floor muscle exercise based on virtual reality technology on patients with postpartum pelvic floor dysfunction ..... *SHI Yongmei, SHANG Wenjin, JIA Lihua, LI Ling, LI Qiuying, CHANG Guixiang, ZHANG Fang, ZHENG Ying*(109)

## • Sexology of Traditional Chinese Medicine •

Effects of the combination of musk and olibanum on the expressions of substance P in the dorsal horn of the L5-S2 spinal cord in rats with chronic prostatitis ... *ZHU Zhiya, WU Yongrong, MIN Jie, LUO Xinjun, HUANG Tiantian, LI Xianfu, ZHANG Zhongnan, ZHOU Qing, GAO Ruisong*(112)

Discussion on the differentiation and treatment of oligospermia and asthenospermia from the perspective of "filling the sperm deficiency with taste" ..... *LIU Yu, GUO Jun, WANG Fu, YAN Bin*(116)

Effect of Kuntai Capsule on quality of life and ovarian function in patients with perimenopausal syndrome ..... *LI Xiaohui, WANG Qingjiu, TIAN Mengdie*(119)

Discussion on treating premature ejaculation from heart and kidney ..... *LUO Xinjun, HUANG Tiantian, LI Xianfu, LONG Yan, ZHOU Qing*(122)

Effects of Bushen Ditan Decoction on insulin resistance, sex hormone levels and pregnancy in patients with polycystic ovarian syndrome complicated with infertility ..... *LIU Xia, YUN Dian, XU Biping*(125)

Using the past for the present: the guiding application of Fangzhong Shu in each stage of sexual cycle ..... *YE Tinglong, CHEN Zuolong, ZHANG Zenan*(129)

Effect of Bushenhuoxue Decoction on ovary ultrastructure in infertile rats with polycystic ovary syndrome and its effect on assisting pregnancy ..... *LI Jiao*(131)

## • Dermatovenerology •

Life quality and its influencing factors of HIV-infected MSM in Shanghai ..... *ZHANG Shaochen, ZHANG Yong, FAN Aiqing, GUAN Qiyuan*(135)

Analysis on the trend of HIV infection among voluntary blood donors in Ningbo from 2013 to 2017 ..... *FANG Ying, JIANG Xin*(138)  
Analysis of acyclovir combined with vaginal lactobacillus capsules in the treatment of recurrent genital herpes in women ..... *SHAO Yong*(141)

The characteristics of echocardiography in male patients with coronary heart disease complicated with syphilis ..... *ZHANG Xiao, HE Dan*(144)

## • Sexual Psychology •

Psychological assessment and sociological perspectives on the gender identity of transgender ..... *HAN Meng, WU Rengang*(147)

## • Sexual Education and Sexual Health •

The parental cognition on the pediatric adolescent gynecologic examination; a qualitative study ..... *LI Yan, LIU Xuejiao, ZHU Wei, Yao Li*(150)

Influence factors and correlation of anxiety, sexual knowledge cognition and sexual education needs in community patients with coronary heart disease ..... *LI Chenxiu, SHEN Qianqian, HE Pingping, ZOU Chunhua, CHEN Xuemei, XIANG Fan, PENG Hui, XIAO Dan, YANG Jiao*(154)

## • Sexual Humanities and Social Sciences •

A cross sectional survey of female college students' unwanted sexual behaviors in Shandong province ..... *WANG Chenggang, REN Xuelian, SONG Jingjie, YANG Chuntao, WANG Zhipeng, YAN Yiming, LI Youwei*(157)