

doi: 10.13241/j.cnki.pmb.2014.18.036

## 中晚期直肠癌患者的心理压力调查及干预措施探讨 \*

王婷<sup>1</sup> 耿伟<sup>1</sup> 肖波<sup>1</sup> 王培芹<sup>1△</sup> 郭晓东<sup>2</sup>

(1 吉林大学附属第一医院 吉林 长春 130021;2 解放军第 302 医院 北京 100039)

**摘要 目的:**分析中晚期直肠癌患者的心理健康情况,探讨改善患者心理应激的干预措施,为直肠癌的临床护理工作提供可借鉴的方法。**方法:**选取 2009 年 1 月 -2013 年 1 月在我院接受治疗的中晚期直肠癌患者 89 例作为研究对象,随机分为两组。其中,对照组 42 例患者采用常规护理模式,而干预组 47 例患者在此基础上接受健康指导。分别于干预前后对患者的心理健康状况及生存质量进行问卷调查,比较并分析调查结果。**结果:**实施护理干预前,两组患者各项评分无显著差异( $P>0.05$ );实施护理干预后,两组患者的心理健康评分均有所改善,差异具有统计学意义( $P<0.05$ )。干预组患者接受健康指导后的各项指标评分均显著优于对照组患者,差异具有统计学意义( $P<0.05$ )。两组患者干预后的生理机能、社会功能及情感功能评分均获得提高,但干预组患者效果更为明显,差异具有统计学意义( $P<0.05$ )。**结论:**中晚期直肠癌患者的心理压力对预后产生消极影响,医护人员应积极对患者进行心理疏导,帮助其积极配合治疗,从而获得良好的疗效。

**关键词:**中晚期直肠癌;心理问题;干预方法**中图分类号:**R47; R512.6 **文献标识码:**A **文章编号:**1673-6273(2014)18-3539-03

## Investigation and Analysis on the Psychological Health of Patients with Advanced Rectal Cancer\*

WANG Ting<sup>1</sup>, GENG Wei<sup>1</sup>, XIAO Bo<sup>1</sup>, WANG Pei-qin<sup>1△</sup>, GUO Xiao-dong<sup>2</sup>

(1 The First Affiliated Hospital of Jilin University, Changchun, Jilin, 130021, China; 2 302 Hospital of PLA, Beijing, 100039, China)

**ABSTRACT Objective:** To analyze the mental health of patients with advanced rectal cancer and to explore the interventions which could improve patients' mental stress in order to make a reference for clinical nursing. **Methods:** 89 patients with advanced rectal cancer who were treated in our hospital from January 2009 to 2013 were selected and randomly divided into two groups. The patients in the control group were treated by the conventional nursing method, while the patients in the intervention group were treated by the mental health education besides the conventional nursing. Then a questionnaire was designed to investigate the objects in the two groups in terms of the psychological problems such as the anxiety, depression, paranoid, etc., and the results were collected and analyzed. **Results:** There was no statistically significant difference of patients in the two groups before the intervention ( $P>0.05$ ). After the intervention, the scores of mental health of patients in the two groups were improved ( $P<0.05$ ). The scores of patients in the intervention group who have received the health guidance were better than those of the control group with statistically significant differences ( $P<0.05$ ). The scores of the physiology, the pain, the emotion, the sociality and the cognition of patients in the two groups were improved than before, especially for the patients in the intervention group with statistically significant differences ( $P<0.05$ ). **Conclusions:** It is suggested that the mental factors have effects on the prognosis of patients with advanced rectal cancer. Therefore, we should take the responsibility of enhancing the self-confidence of patients and help them get rid of the mental obstacles so as to obtain better clinical effects.

**Key words:** Advanced rectal cancer; Psychological obstacles; Interventions**Chinese Library Classification(CLC):** R47; R512.6 **Document code:** A**Article ID:**1673-6273(2014) 18-3539-03

### 前言

直肠癌是临床常见的恶性肿瘤之一,患者会出现排便异常、便血、腹泻及局部腹痛等症状,晚期则累及全身,病死率极高<sup>[1-3]</sup>。直肠癌发病早期症状不明显,患者确诊时已发展为中晚期,失去了最佳的治疗时机。中晚期直肠癌患者会出现不同程

度的排泄功能障碍、心理障碍、社交活动受限等,影响患者的生存质量。此外,很多患者对疾病缺乏科学的认识,极易产生焦虑、抑郁等心理障碍,消极对待治疗,不利于改善病情预后<sup>[4-6]</sup>。有研究表明,恶性肿瘤患者的病情进展与心理因素存在一定的关系<sup>[7]</sup>。因此,充分了解中晚期直肠癌患者的心理压力,并采取有效的措施进行干预是改善患者生存质量的关键。本研究采用

\* 基金项目:国家自然科学基金青年科学基金项目(30901795)

作者简介:王婷(1980-),女,主管护师,主要研究方向:直肠癌围手术期护理及并发症护理等

△通讯作者:王培芹(1965-),女,主管护师,E-mail: laohushanshang@163.com

(收稿日期:2014-01-15 接受日期:2014-02-13)

问卷调查的方式对我院收治的中晚期直肠癌患者的心理健康情况进行调查，并根据调查结果实施护理干预措施，取得了一定的效果。现将具体资料汇报如下：

## 1 资料与方法

### 1.1 一般资料

选取 2009 年 1 月 -2013 年 1 月在我院接受治疗的中晚期直肠癌患者 89 例作为研究对象。其中，男 49 例，女 40 例，年龄 35-69 岁，平均(42.5± 9.6)岁。将患者随机分为干预组和对照组。其中，干预组 47 例患者，男 31 例，女 16 例，年龄 30-68 岁，平均(44.3± 8.7)岁；肿瘤分期：Ⅱ期 21 例，Ⅲ期 26 例。对照组 42 例患者，男 19 例，女 23 例，年龄 32-69 岁，平均(43.8± 9.4)岁；肿瘤分期：Ⅱ期 25 例，Ⅲ期 17 例。两组患者的年龄、病情等一般资料无显著差异( $P>0.05$ )，具有可比性。

### 1.2 方法

**1.2.1 常规护理模式** 对照组患者采用常规护理模式，根据病情制定护理计划，严格按照医嘱用药，加强巡视等。

**1.2.2 健康指导模式** 干预组患者在常规护理的基础上，接受心理健康指导。①健康教育：护理人员采用口头宣教、宣传图片、专题健康教育讲座等方式对患者开展疾病相关知识的教育，提高对疾病的认识；帮助患者认识直肠癌的危害性，了解不良的心理状态对疾病治疗的消极影响，使患者明确意识到改善心理状态对病情发展的重要性<sup>[8,9]</sup>。②心理护理：肿瘤患者大多存在焦虑、烦躁、孤独、抑郁、惊恐、偏执等一些心理问题。护理人员要多与患者进行沟通，要充分了解患者的生活习惯、价值取向及宗教信仰等，准确把握患者的心理需求。通过集体心理干预、个体心理干预、音乐疗法、运动疗法等方式，使患者学会自我心理调节，保持稳定的情绪和乐观、积极的心态。护理人员要尊重关心患者，增加患者对医护人员的信任，减轻负性情绪的影响，积极配合治疗<sup>[10-12]</sup>。③行为干预：纠正患者不健康的生活方式，指导患者根据自身条件选择适合适量的体育锻炼，如散步、体操、打太极等有氧运动；指导患者坚持定时服药，不可随意增减<sup>[13]</sup>。

### 1.3 评价方法

分别于干预前后对两组患者的心理状况进行问卷调查。根据抑郁自评量表(Self-rating depression scale, SDS)和焦虑自评量表(Self-Rating Anxiety Scale, SAS)设计调查问卷，主要内容：躯体化、强迫症、抑郁、焦虑、偏执、人际关系敏感等共 30 个项目，每题设置 4 个选项：从未发生、有时发生、经常发生、持续发生，分数为 1-4。

### 1.4 评分标准

患者根据自身实际情况做出选择，将 30 个项目的分数相加后× 1.25，结果取整数即为标准得分。我国常模判定抑郁的分界值为 53 分，53-62 分为轻度抑郁；63-72 分为中度抑郁；>72 分为重度抑郁。分值越高，说明抑郁程度越严重。

### 1.5 统计学处理

数据采用 SPSS17.0 软件系统进行统计分析，计数资料用标准方差表示，组间比较采用 t 检验，以  $P<0.05$  为差异具有统计学意义。

## 2 结果

### 2.1 两组患者干预前后的心理状况评分比较

干预前，干预组患者躯体化评分(9.79± 0.29)；强迫评分(9.22± 0.44)；敏感评分(9.99± 0.58)；抑郁评分(9.12± 0.22)；焦虑评分(9.14± 0.57)；偏执评分(9.19± 0.83)。对照组躯体化评分(9.63± 0.33)；强迫评分(9.45± 0.66)；敏感评分(9.67± 0.58)；抑郁评分(9.59± 0.57)；焦虑评分(9.67± 0.43)；偏执评分(9.48± 0.46)。干预后，干预组患者躯体化评分(7.19± 0.77)；强迫评分(7.37± 0.58)；敏感评分(7.64± 0.16)；抑郁评分(7.55± 0.28)；焦虑评分(8.14± 0.36)；偏执评分(7.97± 0.37)。对照组躯体化评分(7.38± 0.83)；强迫评分(8.09± 0.49)；敏感评分(8.14± 0.65)；抑郁评分(8.55± 0.94)；焦虑评分(8.76± 0.75)；偏执评分(8.81± 0.13)。干预前，两组患者各项评分无显著差异( $P>0.05$ )；干预后，两组患者心理健康评分均有所改善，干预组患者各项指标显著优于对照组，差异具有统计学意义( $P<0.05$ )。见表 1。

表 1 两组患者护理干预前后的心理状况比较

Table 1 Comparison of the mental situations of patients in the two groups before and after the intervention

项目 Items	对照组 Control group(n=42)		干预组 Intervention group(n=47)	
	干预前 Before intervention	干预后 After intervention	干预前 Before intervention	干预后 After intervention
躯体化 Somatization	9.79± 0.29	7.38± 0.83*△	9.63± 0.33	7.19± 0.77*△
强迫 Obsession	9.22± 0.44	8.09± 0.49*△	9.45± 0.66	7.37± 0.58*△
敏感 Sensitivity	9.99± 0.58	8.14± 0.65*△	9.67± 0.58	7.64± 0.16*△
抑郁 Depression	9.12± 0.22	8.55± 0.94*△	9.59± 0.57	7.55± 0.28*△
焦虑 Dysphoria	9.14± 0.57	8.76± 0.75*△	9.67± 0.43	8.14± 0.36*△
偏执 Paranoid	9.19± 0.83	8.81± 0.13*△	9.48± 0.46	7.97± 0.37*△

Note: compared between the two groups before the intervention,  $P>0.05$ ；\*compared within each group after the intervention,  $P<0.05$ ；△compared between the two groups after the intervention,  $P<0.05$ 。

## 2.2 两组患者干预前后的生存质量评分变化

干预前,干预组患者的生理机能评分为(61.52±3.83),社会功能评分为(67.11±2.56),情感功能评分为(63.76±3.97);对照组患者的生理机能评分为(60.95±3.91),社会功能评分为(69.84±3.51),情感功能评分为(62.62±2.76)。干预后,干预组患者的生理机能评分为(82.75±3.25),社会功能评分为(87.22±2.13),情感功能评分为(83.54±3.08);对照组患者的生理机能评分为(75.44±3.54),社会功能评分为(79.36±3.05),情感功能评分为(72.99±2.89)。两组患者干预后的生理机能、社会功能及情感功能评分均获得提高,但干预组患者效果更明显,差异具有统计学意义(P<0.05)。

## 3 讨论

中晚期直肠癌患者主要的临床表现有:肠道分泌物增加、便血、贫血及肠梗阻等,不仅严重影响患者的生命安全,而且对患者的心理健康产生消极的影响。那么,采用一种科学有效的心灵护理方式帮助患者树立积极正确的心理状态对改善中晚期直肠癌患者的生存质量至关重要。研究表明,良好的心理状态能够改善中晚期肿瘤患者的治疗效果<sup>[14-16]</sup>。因此,医护人员应引导患者采用理智的方式应对问题,避免病情给患者带来的心理打击,帮助患者消除影响心理健康的不利因素。心理健康指导是临床护理工作中常用的护理模式,该模式要求医护人员要根据患者的临床症状、病情程度及心理特点,采取适当的措施;要鼓励患者树立战胜疾病的信心,以积极的心态面对疾病;协助患者参加适当的放松训练,如听音乐、体育锻炼等,使患者压抑在心中的负性情绪得以释放,从而减轻心理压力<sup>[17-19]</sup>。另外,医生与患者之间要建立和谐的医患关系,向患者介绍疾病的的相关知识和治疗的不同阶段应注意的事项,做好患者家属的思想工作,鼓励亲友探视、关心和照顾,指导家属给予精神上的安慰和生活上的照顾,激发患者战胜疾病的信心<sup>[20]</sup>。

本研究采用心理健康指导的护理模式,两组患者的心理健康评分均有所改善,且生理机能、社会功能及情感功能评分获得提高,差异具有统计学意义(P<0.05)。此外,干预组患者接受健康指导后的各项指标评分均显著高于对照组患者,差异具有统计学意义(P<0.05)。结果说明,心理健康指导能够帮助患者认识直肠癌的危害性,了解不良的心理状态对疾病治疗的消极影响,使患者明确意识到改善心理状态对病情发展的重要性,有利于帮助患者积极配合治疗,从而提高患者的生存质量。

### 参考文献(References)

- [1] Akiyoshi T, Ueno M, Fukunaga Y, et al. Incidence of and risk factors for anastomotic leakage after laparoscopic anterior resection with intracorporeal rectal transection and double-stapling technique anastomosis for rectal cancer [J]. The American Journal of Surgery, 2011, 202(3): 259-264
- [2] Schlegel C, Woermann U, Shah M, et al. Effects of communication training on real practice performance: a role-play module versus a standardized patient module[J]. J Nurs Educ, 2012, 51(1): 16-22
- [3] Ordoñez CA, Pino LF, Badiel M, et al. Safety of performing a delayed anastomosis during damage control laparotomy in patients with destructive colon injuries[J]. J Trauma, 2011, 71(6): 1512-1517
- [4] 冯宇, 郭晓东, 张瑞, 等. 快速流程管理对老年直肠癌术后康复的影响[J]. 现代生物医学进展, 2013, 13(10): 1930-1932
- [5] Feng Yu, Guo Xiao-dong, Zhang Rui, et al. The effect of rapid process management on the postoperative rehabilitation of elderly rectal cancer [J]. Progress in Modern Biomedicine, 2013, 13 (10): 1930-1932
- [6] Ruchitwit M. The effect of the one-to-one interaction process with group supportive psychotherapy on the levels of hope, anxiety and self-care practice for patients that have experienced organ loss: an alternative nursing care model [J]. Int J Nurs Pract, 2012, 18 (4): 363-372
- [7] Bekkum JE, Hilton S. The challenges of communicating research evidence in practice: perspectives from UK health visitors and practice nurses[J]. BMC Nurs, 2013, 9, 12(1): 17
- [8] Ohtani H, Tamamori Y, Arimoto Y, et al. A meta-analysis of the short and long-term results of randomized controlled trials compared laparoscopy-assisted and open colectomy for colon cancer [J]. J Cancer, 2012, 3: 49-57
- [9] Liu Li-min, Guo Xiao-dong, Jiang Lan, et al. The application of harmonized management on the special wards[J]. Progress in Modern Biomedicine, 2013, 13(23): 4565-4567
- [10] Akazawa C, Nishizono T, Yamamoto M, et al. Investigation of actual daily lifestyle leading to continuous self-management after living-donor liver transplantation: More than 5 years living with living-donor liver transplantation and emotions of recipients [J]. Jpn J Nurs Sci, 2013, 10(1): 79-88
- [11] Salamonson Y, Halcomb EJ, Andrew S, et al. A comparative study of assessment grading and nursing students' perceptions of quality in sessional and tenured teachers [J]. J Nurs Scholarsh, 2010, 42 (4): 423-429
- [12] Hatfield D, Lovegrove J. The use of skills inventories to assess and grade practice: Part 2--evaluation of assessment strategy [J]. Nurse Educ Pract, 2012, 12(3): 133-138
- [13] Deneckere S, Euwema M, Lodewijckx C, et al. Better interprofessional teamwork, higher level of organized care, and lower risk of burnout in acute health care teams using care pathways: a cluster randomized controlled trial[J]. Med Care, 2013, 51(1): 99-107
- [14] Wu Yang, Wang Liang-min, He Bei, et al. Analysis of the influencing factors on inpatients nursing care needs [J]. Progress in Modern Biomedicine, 2012, 12(25): 4927-4930
- [15] Singh P. Effect of distraction techniques in behaviour responses to pain among toddlers receiving immunisation [J]. Nurs J India, 2012, 103(4): 176-179
- [16] Duffy JR, Kooken WC, Wolverton CL, et al. Evaluating patient-centered care: feasibility of electronic data collection in hospitalized older adults[J]. J Nurs Care Qual, 2012, 27(4): 307-315
- [17] Zhao Sheng-nan, Fu Ting, Xin Li-na, et al. Laparoscopic colorectal cancer radical perioperative nursing research[J]. Progress in Modern Biomedicine, 2013, 13(21): 4181-4183+4170 (下转第 3538 页)

- Society[M].st.louis:CV Mosby, 1987: 181-206
- [2] Thompson VP, Epstein HC. Traumatic dislocation of the hip: a survey of two hundred and four cases covering a period of twenty one years [J]. J Bone Joint Surg (Am), 1951,33(3):746-792
- [3] Oransky M, Maetinelli N, Sanzarello, et al. Fracture of the femoral head: a long-term follow-up study [J]. Musculoskelet Surg, 2012,96(2):95-98
- [4] 童迅, 负喆, 张栋, 等. 人正常及骨关节炎软骨细胞体外培养的对照研究[J]. 现代生物医学进展, 2013, 13(24): 4648-4653  
Tong Xun, Yun Zhe, Zhang Dong, et al. Human normal and OA chondrocytes in vitro control study [J]. Progress in Modern Biomedicine, 2013, 13(24): 4648-4653
- [5] 曹奇勇, 吴新宝, 朱仕文等. 髋白骨折合并股骨头损伤的诊治[J]. 中华创伤骨科杂志, 2007,9(11):1012-1014  
Cao Qi-yong, Wu Xin-bao, Zhu Shi-wen, et al. Diagnosis and treatment of acetabular fractures combined with femoral head injury [J]. Chin J Orthop Trauma, 2007,9(11):1012-1014
- [6] 刘时伟, 贾光耀, 梅炯, 等. 股骨头颈部血供的研究现状与展望[J]. 外科研究与新技术, 2012,1(2):158-160  
Liu Shi-wei, Jia Guang-yao, Mei Jiong, et al. Clinical application of the blood supply to the femoral head and neck [J]. Surgical Research and New Technique, 2012,1(2):158-160
- [7] Epstein HC, WISS DA, Cozen L. Posterior fracture dislocation of the hip with fracture of the femoral head [J]. Clin Orthop Rel Res 1985, 201(1):9-17
- [8] 赵旭红, 伍骥, 李松林, 等. 蛋白酶体抑制剂乳癌素(LAC)对LPS诱导的人关节软骨细胞炎症反应的抑制作用 [J]. 现代生物医学进展, 2013, 13(10):1883-1886  
Zhao Xu-hong, Wu Ji, Li Song-lin, et al. Inhibition of the proteasome inhibitor lactacystin (LAC) on LPS-induced human articular chondrocytes inflammatory response [J]. Progress in Modern Biomedicine, 2013, 13(10): 1883-1886
- [9] Stannard JP, Harris HW, Volgas DA, et al. Functional outcome of patients with femoral head fractures associated with hip dislocations [J]. Clin Orthop Rel Res, 2000,377(1):44-56
- [10] Gautier E, Ganz K, Krugel N, et al. Anatomy of the medial femoral circumflex artery and its surgical implications [J]. Bone Joint Surg (Br), 2000,82(5):679-683
- [11] Gill TJ, Sledge JB, Ekkernkamp A, et al. Intraoperative assessment of femoral head vascularity after femoral neck fracture[J]. Orthop trauma, 1998,12(7):474-478
- [12] 陈余庆, 季祝永, 孙凤翔, 等. 髋关节脱位合并股骨头骨折的治疗[J]. 创伤外科杂志, 2009,11(4):344  
Chen Yu-qing, Ji Zhu-yong, Sun Feng-xiang, et al. Treatment of dislocation of hip joint combined with fracture of femoral head [J]. J Trauma Surg, 2009,11(4):344
- [13] 颜世举, 靳雷, 肖春, 等. microRNA-15a 模拟物对人关节软骨细胞增殖与凋亡的影响[J]. 现代生物医学进展, 2013, 13(27): 5217-5220  
Yan Shi-ju, Jin Lei, Xiao Chun, et al. MicroRNA-15a mimic the impact on human articular chondrocyte proliferation and apoptosis[J]. Progress in Modern Biomedicine, 2013, 13(27): 5217-5220
- [14] 常黎明, 周路纲, 王新, 等. 创伤性髋关节后脱位伴股骨头骨折的治疗[J]. 创伤外科杂志, 2010,12(5):391  
Chang Li-ming, Zhou Lu-gang, Wang Xin, et al. Treatment of traumatic hip posterior dislocation with femoral head fracture [J]. J Trauma Surg, 2010, 12(5):391
- [15] Gardner MJ, Suk M, Peade A, et al. Surgical dislocation of the hip for fractures of the femoral head[J]. Orthop Trauma, 2005,19(5):334-342
- [16] 侯巍, 郭海涛, 王星, 等. 改性 PET 材料编织物引导小鼠 BMSC 移动模型的建立[J]. 现代生物医学进展, 2013, 13(07): 1228-1231  
Hou Wei, Guo Hai-tao, Wang Xing, et al. Modified PET material basketwork guide BMSC migration model in mice [J]. Progress in Modern Biomedicine, 2013, 13(07): 1228-1231
- [17] 梁江生, 余楠生, 黄必留, 等. 内固定治疗髋白骨折的疗效分析 [J]. 中华创伤骨科杂志, 2010,12(5):451-454  
Liang Jiang-sheng, Yu Nan-sheng, Huang Bi-liu, et al. Internal fixation for displaced acetabular fracture [J]. Chin J Orthop Trauma, 2010,12(5):451-454

(上接第 3541 页)

- [17] Webber KL, Macpherson S, Meagher A, et al. The impact of strict isolation on MRSA positive patients: an action-based study undertaken in a rehabilitation center[J]. Rehabil Nurs, 2012, 37(1): 43-50
- [18] 陈红, 徐蕾, 张萍, 等. 老年肿瘤患者心理问题分析与护理对策研究[J]. 现代生物医学进展, 2011, 11(24): 4951-4954  
Chen Hong, Xu Lei, Zhang Ping, et al. Elderly tumor patients psychological problem analysis and nursing countermeasures [J]. Progress in Modern Biomedicine, 2011, 11(24): 4951-4954
- [19] Murata K, Okamura S, Okubo H, et al. Neoadjuvant chemoradiotherapy with capecitabine and oxaliplatin for the treatment of locally advanced lower rectal cancer [J]. Gan To Kagaku Ryoho, 2013, 40(12): 2020-2022
- [20] Wakasugi M, Masuzawa T, Tei M, et al. Pathological complete response of advanced rectal cancer treated by preoperative chemoradiotherapy with oral tegafur-uracil and leucovorin: a case report [J]. Case Rep Oncol Med, 2013, 2013: 175263
- [20] Mukai T, Akiyoshi T, Ueno M, et al. Laparoscopic total pelvic exenteration with en bloc lateral lymph node dissection after neoadjuvant chemoradiotherapy for advanced primary rectal cancer [J]. Asian J Endosc Surg, 2013, 6(4): 314-317
- [21] Maslin-Prothero SE. Changing the landscape for nursing and healthcare education: Evidence-based innovation, policy and practice [J]. Nurse Educ Today, 2013, 33(7): 699-700