

DOI: 10.13241/j.cnki.pmb.2014.03.045

饮食提示卡在经皮冠状动脉介入治疗术后患者中的应用

范文静¹ 宋淑平^{2△} 郭晓霞² 张舒¹ 张颖¹ 李明波¹

(1 哈尔滨医科大学附属第四医院心内科 黑龙江哈尔滨 150001;

2 哈尔滨医科大学附属第四医院护理部 黑龙江哈尔滨 150001)

摘要 目的:探讨饮食提示卡在经皮冠状动脉介入治疗(PCI)术后患者护理中的临床效应。方法:选取62例冠心病行PCI治疗术后患者,随机分为对照组和试验组,各31例。对照组采用常规护理,试验组在对照组的基础上采用饮食提示卡进行护理干预,比较两组患者血压、血脂、血糖的控制情况,饮食知识的知晓率,治疗的依从性以及护理的满意度。结果:实施干预后,试验组血压、血脂、血糖的控制率优于对照组($P<0.05$),饮食知识知晓率高于对照组($P<0.01$),治疗的依从性与护理的满意度优于对照组($P<0.01$)。结论:饮食提示卡能使PCI术后患者对危险因素进行有效地控制,提高对知识的掌握,增加治疗的依从性,提高护理质量。

关键词: 饮食提示卡;经皮冠状动脉介入术;健康教育;护理观察

中图分类号:R473.5,R541.4 文献标识码:A 文章编号:1673-6273(2014)03-564-03

Application of Diet Suggesting Cards on Patients Undergoing Percutaneous Coronary Intervention

FAN Wen-jing¹, SONG Shu-ping^{2△}, GUO Xiao-xia², ZHANG Shu¹, ZHANG Ying¹, LI Ming-bo¹

(1 Department of cardiology, Forth Affiliated Hospital of Harbin Medical University, Harbin, Heilongjiang, 150001, China;

2 Department of nursing administration, Fourth Affiliated Hospital of Harbin Medical University, Harbin, Heilongjiang, 150001, China)

ABSTRACT Objective: To evaluate the effects of diet suggesting cards on patients undergoing percutaneous coronary intervention (PCI). **Methods:** 62 cases were randomly divided into the control and experimental group, and 31 cases were in each group. The patients in the control group received routine nursing care, and those in the experimental group were based on the use of diet suggesting cards for nursing intervention. The control of blood pressure, lipid, blood glucose and the rate of grasping dietary knowledge were observed. The treating compliance and satisfaction of nursing in the two groups were contrasted before and after intervention. **Results:** After intervention in the experimental group, the control degree of blood pressure, lipid, blood glucose were superior to that in contrasting group ($P<0.05$), the rate of grasping dietary knowledge was higher than another ($P<0.01$). The treating compliance and the satisfaction of nursing in experimental group were superior to that in the contrasting group ($P<0.01$). **Conclusion:** Diet suggesting cards could help patients to control the risk factor effectively, increase the rate of grasping dietary knowledge and treating compliance, which would enhance the quality of nursing.

Key words: Diet suggesting cards; Percutaneous coronary intervention; Health education; Nursing observation**Chinese Library Classification(CLC):** R473.5, R541.4 **Document code:** A**Article ID:** 1673-6273(2014)03-564-03

前言

冠状动脉性心脏病(CHD)简称冠心病,是由于冠状动脉狭窄、心肌供血不足引发的心脏功能及器质性病变,近年来,CHD发病呈上升趋势。经皮冠状动脉介入治疗(PCI)已成为治疗CHD的主要方法之一^[1]。PCI属微创治疗,具有创伤小、恢复快等优点,国内广泛开展,提高了冠心病患者的生存率。饮食与冠心病治疗的关系密切^[2-6],低盐、低脂、高膳食纤维的平衡膳食可协助药物治疗,有益于降低体质质量和血脂^[7]。研究显示,PCI术后患者合理饮食依从性较差,58.3%的患者不能进行合理饮

食^[8]。因此,对患者进行有效地饮食健康教育具有十分重要的临床意义。传统的健康教育存在方式单一、影响力不足等缺点^[9]。饮食提示卡比较直观,内容丰富,能够克服传统宣教的不足。我院采用饮食提示卡对PCI术后患者进行护理干预,控制了危险因素,提高了治疗的依从性及护理质量,取得了良好的实施效果,现报道如下。

1 资料与方法

1.1 临床资料

1.1.1 病例纳入标准 ①年龄小于60岁;②初次行PCI治疗;③初中以上文化程度,能够正确的使用饮食提示卡;④签署知情同意书,能接受随访观察;

1.1.2 排出标准 ①合并有严重心脏并发症;②合并有其他重要脏器病变,严重内分泌功能紊乱及精神类疾病病患者。

1.1.3 一般临床资料 选取2011年12月~2012年10月住院

作者简介:范文静(1973-),女,主管护师,研究方向:心内科护理,

E-mail: fanwenjing1973@126.com

△通讯作者:宋淑平,E-mail:songshuping99@126.com

(收稿日期:2013-04-28 接受日期:2013-05-24)

行PCI患者62例,按随机数字表法将患者随机分成对照组和试验组,各31例。两组患者一般状况无明显差异,见表1。

表1 两组患者临床基本资料比较(例,100%)

Table 1 Clinical data comparison between patients of the two groups(n,100%)

Item	Experimental		P
	Control group (n=31)	group (n=31)	
Sex (M/F)	21/10	20/11	>0.05
Age (year, $\bar{x} \pm s$)	44.3±10.5	44.7±11.1	>0.05
Marriage perfectly	25(80.64)	23(74.19)	>0.05
Smoke	20(65.51)	22(70.96)	>0.05
Drink	17(54.83)	18(58.06)	>0.05
Type 2 diabete smelitus	14(45.16)	12(38.70)	>0.05
Hhyperlipemia	19(61.29)	20(65.51)	>0.05
Hypertension	19(61.29)	17(54.83)	>0.05

1.2 方法

1.2.1 一般护理 告知患者早期平卧休息,待心肺功能恢复后,鼓励患者进行适当活动,避免用力过度。叮嘱患者养成良好的生活习惯,多饮水,食用富含纤维素的水果、蔬菜等,加快排泄造影剂。监测心电图、血压的变化,告知患者长期服药的必要性及意义。委婉的劝慰患者,减轻患者焦虑、抑郁情绪,与家属沟通,获取家庭支持。

1.2.2 试验组 在对照组的基础上采用饮食提示卡进行健康教育,提示卡分为住院提示卡和出院提示卡两种。①住院提示卡。卡片最上层标注姓名、床号、主管医生、主管护士等内容。卡片中间为主体内容,以表格的形式标注饮食宣教的内容。横格题目为:您应选择的饮食、饮食类别、饮食特点、食物举例、备注。纵格为饮食性质,题目包括:普通饮食、流食、低盐低脂饮食等内容。按照饮食要求,结合烹饪方法、在卡片背面列举具体食物的搭配。②出院提示卡^[10]。内容主要由5个部分组成:患者基本情况。包括患者的姓名、性别、年龄、身高、实际体重、标准体重。标注计算公式,按照标准体重计算出每日的热量需要量。对日常生活中常用食品所含热量进行标注,科学的按照规定进食食物。例举常见食谱,引导患者饮食注意多样化,平衡营养。干预4周后进行效果评价。

1.3 评价方法比较

1.3.1 血压、血脂、血糖的控制率 血压、血脂、血糖指标控制率参照患者出院时的控制标准,未恶化为有效,反之为无效。

1.3.2 饮食知识的知晓率 采用自行设计的饮食知识知晓率调查表进行评估,内容包括:①CHD饮食特点;②CHD饮食标准,包括标准体重热量的换算;③常见食品的热量等级。本问卷的专家效度CVI为0.72,内部一致性系数Cronbac's α 为0.81。

1.3.3 饮食治疗的依从性 根据冠心病饮食自我效能量表(CDSE)改编,包括社会情境下的饮食、健康饮食技能、饮食行为控制3个维度,共12个题目。每个题目分不能依从、偶尔依从、基本依从、完全依从4个等级,按1~4分计分,得分越高,依从性越好。本问卷的专家效度CVI为0.74,内部一致性系数

Cronbac's α 为0.85。

1.3.4 护理满意度 该问卷由作者自行设计,包括服务态度、护理业务、沟通交流、护理氛围、问题解答、总体评价6个维度,共12个题目。每个题目分不满意、基本满意、满意3个等级,按1~3分计分,得分越高,满意度越好。本问卷的专家效度CVI为0.81,内部一致性系数Cronbac's α 为0.85。

1.4 统计学处理

应用SPSS 17.0统计软件进行数据分析,计数资料采用 χ^2 检验,计量资料采用t检验,以P<0.05为差异有统计学意义。

2 结果

2.1 两组患者干预后血压、血脂、血糖的控制情况

干预后,试验组患者血压、血脂、血糖的控制率明显优于对照组(P<0.05)。见表2。

表2 两组患者血压、血糖、血脂的控制率比较(n,100%)

Table 2 Comparison of blood pressure, blood glucose, lipid between patients of the two groups(n, 100%)

Group	n	Blood pressure	Lipid	Blood glucose
Experimental group	31	22(70.96)	15(48.38)	20(64.51)
	31	14(45.16)	7(22.58)	12(38.70)
χ^2		4.24	4.51	4.13
P		<0.05	<0.05	<0.05

2.2 两组患者干预前后饮食知识知晓率比较

两组患者干预前饮食知识的知晓率比较无显著差异(P>0.05),干预后两组患者对饮食知识的知晓率均有所提高(P<0.01),但试验组对饮食知识的掌握程度高于对照组(P<0.01)。见表3。

表3 两组患者干预前后饮食知识知晓率比较(n,100)

Table 3 The dietary knowledge rate before and after intervention between the two groups

Group	n	Before intervention	After intervention	χ^2	P
Experimental group	31	5(16.13)	30(96.77)	41.01	
Control group	31	6(19.35)	17(54.83)	8.36	<0.01
χ^2		0.11	14.86		<0.01
P		>0.05	<0.01		

2.3 两组患者干预前后饮食治疗依从性比较

两组患者干预前饮食治疗依从性比较无明显差异(P>0.05);干预后两组患者对饮食治疗的依从性均有所提高(P<0.01),但试验组治疗依从性高于对照组(P<0.01)。见表4。

表4 两组患者干预前后治疗依从性比较($\bar{x} \pm s$)

Table 4 The treating compliance before and after intervention between the two groups

Group	n	Before intervention	After intervention	t	P
Experimental group	31	24.24±5.16	35.14±5.84	7.787	0.000
Control group	31	24.75±5.42	29.52±5.34	3.490	0.000
t		0.379	3.954		
P		0.705	0.000		

2.4 两组患者干预前后护理满意度比较

两组患者干预前护理满意度比较无显著差异($P>0.05$)。干预后试验组护理满意度明显升高,与干预前比较差异显著($P<0.01$);对照组干预前后无变化($P>0.05$)。见表5。

表5 两组患者干预前后护理满意度比较($\bar{x}\pm s$)

Table 5 The satisfaction of nursing before and after intervention between the two groups

Group	n	Before intervention	After intervention	t	P
Experimental group	31	23.25±5.35	33.42±5.68	7.256	0.000
Control group	31	23.37±5.39	24.17±4.85	0.614	0.541
	t	0.088	6.895		
	P	0.930	0.000		

3 讨论

随着经济发展,人们的工作压力增大,饮食结构不合理,缺少运动,及人口老龄化等因素,CHD发病率逐年上升,成为影响人们正常工作及生活的主要疾病之一^[11]。每年约15%~32%的死亡因冠心病引发猝死,目前,行经皮冠状动脉介入治疗(PCI)疗效确切,临幊上广泛应用。饮食结构是影响CHD以及PCI术后预后的重要因素^[12-15],研究显示,患者知识相对匮乏,患者没有从根本上明白饮食控制与冠心病及PCI术后的控制关系。对于饮食,至于何为低脂低盐,如何分配三餐,食物的宜与忌,则一知半解,有的甚至有错误的认识^[16]。张淑峰的研究表明采用改良的健康饮食可显著地降低血胆固醇浓度和冠心病的发病率,因而对冠心病患者加强饮食护理是非常必要的^[17]。冠心病患者经皮冠状动脉介入治疗后遵医行为往往较差,必须建立长期有效的干预机制,提高患者的遵医行为^[18]。

饮食提示卡,通过精巧的设计与承载着丰富的内容,将健康教育进一步具体化,是健康教育新的形式。饮食提示卡在临幊上也较常用,冯曲丽等应用饮食提示卡对食管癌患者进行围手术期的健康教育,结果显示患者饮食知识的知晓度达到96%,对护士饮食健康教育的满意度达到97%^[19]。余珍燕等^[20]应用饮食温馨提示卡对腹部术后患者进行健康教育,饮食温馨提示卡提高了患者及家属对饮食的知晓率及满意度,患者可以及时合理补充营养,有利于胃肠功能的恢复,可以促进患者早日康复。本次研究显示,实施干预后,试验组血压、血脂、血糖的控制率优于对照组($P<0.05$),试验组对饮食知识的掌握程度高于对照组($P<0.01$),试验组治疗依从性高于对照组($P<0.01$);试验组护理满意度明显升高,与干预前比较差异显著($P<0.01$)。

饮食提示卡一般由基本信息与提示内容组成,将健康教育与提醒功能有机的结合。临幊上应用饮食提示卡,一方面提醒患者注意饮食治疗的重要性,按要求进行饮食,提高治疗的依从性;另一方面,通过饮食提示卡,提升护理质量,更好的服务于临幊。本次研究采用饮食提示卡对PCI术后患者健康教育进行探索性研究,显示使用饮食提示卡能够提高患者对疾病危险因素的控制、对知识的掌握及护理满意度。若重复证明饮食提示卡的应用效果,将是目前健康教育模式的良好补充,最大程度的利用医疗资源,将产生一定的社会和经济效益。

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