

DOI: 10.13241/j.cnki.pmb.2014.03.042

剖宫产术后对母婴早接触早吸吮的影响因素分析及对策*

韩宁宁¹ 任红² 张建芳² 段利利² 陈颖¹

(1 陕西省西安市第一人民医院妇产科 陕西 西安 710002; 2 第四军医大学西京医院妇产科 陕西 西安 710032)

摘要 目的:分析剖宫产术后影响母婴早接触早吸吮的因素及干预措施,为改善产妇泌乳量,提高哺乳质量提供理论基础。**方法:**选取 2010 年 2 月~2012 年 2 月我院进行剖宫产手术的 92 例初产妇,按照随机数字表分为对照组和干预组,对照组采用常规的护理措施,干预组在对照组的基础上实施母婴早接触早吸吮护理措施,比较两组护理后的临床疗效。**结果:**对照组产妇的开奶时间为 (47.8 ± 7.1) h,而干预组为 (35.6 ± 8.6) h,干预组产妇的开奶时间明显早于对照组,且干预组产妇 72h 泌乳量较对照组产妇充足,差异均有统计学意义($P < 0.05$)。**结论:**针对母婴早接触早吸吮的相关影响因素,采取相应的护理干预措施可以明显促进产妇的早期恢复和泌乳,提高产妇的泌乳量和母婴的早接触早吸吮,值得在临床上推广。

关键词:剖宫产术;产妇;干预措施

中图分类号:R719.8, R722 文献标识码:A 文章编号:1673-6273(2014)03-553-04

Factor Analysis and Nursing Countermeasures of Maternal Cesarean Section for Premature Contact and Early Sucking*

HAN Ning-ning¹, REN Hong², ZHANG Jian-fang², DUAN Li-li², CHEN Ying¹

(1 Department of Gynaecology and Obstetrics, Xi'an First People's Hospital, Xi'an, Shaanxi, 710002, China; 2 Department of Gynaecology and Obstetrics, Xijing hospital, the Fourth Military Medical University, Xi'an, Shaanxi, 710032, China)

ABSTRACT Objective: To improve the milk yield and provide the theoretical basis of improving the nursing quality by analyzing the factors and interventions which influence the early contact and sucking on the maternal and child after hysterotomy. **Methods:** 92 pregnant women who were undergoing the hysterotomy in our hospital from February 2010 to 2012 were selected and divided into the control group and the treatment group. The patients in the control group were received the routine nursing intervention, while the patients in the treatment group were treated by the early contact and sucking besides the conventional method. Then the clinical effects were compared between two groups. **Results:** The feeding time in the control group was (47.8 ± 7.1) h, which was longer than that of the treatment group (35.6 ± 8.6) h. Furthermore, the milk yield in the treatment group is more abundant than in the control group, and the difference was statistically significant ($P < 0.05$). **Conclusion:** According to the related influencing factors of early contact and sucking between maternal and child, we could draw a conclusion that the recovery and lactation could be improved by applying nursing intervention. The methods that increasing lactation and early contact and early sucking between maternal and child are worth being applied in clinical work.

Key words: Cesarean section; Parturient; Nursing intervention

Chinese Library Classification: R719.8, R722 **Document code:** A

Article ID: 1673-6273(2014)03-553-04

前言

母乳喂养是通过母亲的喂养婴儿的一种喂养方式,母婴早接触与早吸吮是母乳喂养成功的第一步。剖宫产的出现,帮助产科学解决了诸多的难产问题,但是给母婴早接触与早吸吮造成一定的影响。随着人民生活水平的不断提高,以及其它各种原因的影响,我国产妇的剖宫产率也在逐年增加^[1-3]。但剖宫产使产妇的泌乳延迟和乳量减少,影响了母婴的早接触早吸吮,使产妇的母乳喂养比例和质量下降,而母乳喂养又是公认的最好哺乳方法^[3-5]。为分析了解母婴早接触早吸吮的影响因素和提高母乳喂养质量,本研究通过选取我院行剖宫产手术的初产妇 92 例,随机将产妇分为对照组和干预组,分别进行常规护理和增加护理干预措施,比较两组产妇护理后的临床疗效,且

两组患者在年龄、孕周以及临床表现等其他一般资料比较均无统计学意义,组间具有可比性。为提高母婴的早接触早吸吮提供临床研究数据,结果报告如下。

1 资料与方法

1.1 一般资料

选取 2010 年 2 月~2012 年 2 月期间来我院进行剖宫产手术的初产妇 92 例,年龄 21~32 岁之间,平均年龄 26.7 ± 6.3 岁,孕周 37~41 周,平均孕周 39.5 ± 3.1 周。所有产妇无妊娠和手术并发症,新生儿体重为 $2.0 \sim 4.1$ Kg,平均体重 2.9 ± 0.6 Kg, Apgar 评分均大于 8 分。随机将患者分为对照组和干预组,两组患者在年龄、孕周以及临床表现等其他一般资料比较均无统计学意义($P > 0.05$),组间具有可比性。具体见表 1。

* 基金项目:国家自然科学基金项目(81100441)

作者简介:韩宁宁(1977-),女,本科,主管护师,主要研究方向:妇产科临床护理,电话:13677666968

(收稿日期:2013-08-01 接受日期:2013-08-26)

表 1 两组产妇临床资料比较

Table 1 Comparison of maternal clinical data of postpartum women between two groups

Group	Cases	Age	Gestational weeks (weeks)	Neonatal weight (Kg)	Apgar score
Control	37	26.1± 4.3	39.6± 2.8	3.0± 0.7	9.0± 0.9
Treatment	55	26.9± 6.4	39.2± 3.1	2.9± 0.9	8.9± 1.1

1.2 方法

对所有产妇的临床资料进行回顾性分析,总结影响母婴早接触早吸吮的相关因素。同时给予对照组产妇进行常规护理,包括术前的口头宣教、术后的体位调整和母婴接触来指导和帮助产妇进行早接触早吸吮以进行母乳喂养;干预组在对照组的基础上对母婴早接触早吸吮的相关影响因素实施护理措施,包括加强母乳喂养教育、母婴接触和吸吮指导、生活饮食护理干预和心理干预。

1.3 观察指标

观察比较两组产妇的开奶时间和术后 72 h 的泌乳量。开奶时间:按世界卫生组织的标准,用手挤压乳房后有乳汁溢出,可以连续哺乳新生儿的开始时间;72 h 的泌乳量按能否满足新生儿的需求进行判定。母乳充足:泌乳量满足新生儿需求后仍

有剩余;母乳中等:泌乳量基本可以满足新生儿需求;母乳不足:泌乳量无法满足新生儿需求。

1.4 统计学分析

采用 SPSS 14.0 统计软件包,对各组数据的统计结果进行统计学分析。计量资料采用均数±标准差($\bar{x} \pm s$)来表示,组间比较使用配对 t 检验,计数资料用卡方检验,以 $P < 0.05$ 为差异有统计学意义。

2 结果

2.1 两组产妇开奶时间比较

对照组产妇的开奶时间为 47.8 ± 7.1 h,而干预组为 35.6 ± 8.6 h。两组产妇的对比研究表明,干预组产妇的开奶时间明显早于对照组,差异有统计学意义($P < 0.05$)。具体结果见表 2。

表 2 两组产妇开奶时间比较

Table 2 The comparison of lactation time of postpartum women in two groups

Group	Cases	0~24h	25~48h	49~72h	The average time (h)
Intervention	55	48(87.3) *	5(9.1)*	2(3.6) *	35.6± 8.6*
The control	37	24(64.9)	9(24.3)	4(10.8)	47.8± 7.1
t		2.871	2.596	2.368	2.413
P		0.012	0.027	0.042	0.039

Note:*Compared with the control group, $P < 0.05$.

2.2 两组产妇 72h 泌乳量比较

由表 3 结果可知,两组产妇 72 h 泌乳量的比较发现,与对照组比较,干预组 72h 泌乳量充足程度(80%)明显高于对照组,

且差异具有统计学意义($P < 0.05$);泌乳量中等的产妇,两组差异无统计学意义($P > 0.05$);而泌乳量不足对照组明显低于干预组,差异有统计学意义($P < 0.05$)。具体结果见表 3。

表 3 两组产妇 72h 泌乳量比较

Table 3 The comparison of 72h maternal lactation quantity of postpartum women in two groups

Group	Cases	Sufficient	Medium	Less than
Intervention	55	44(80.0) *	7(12.7)	4(7.3) *
The control	37	22(59.5)	5(13.5)	10(27.0)
t		2.773	1.024	2.399
P		0.019	0.109	0.040

Note:*Compared with the control group, $P < 0.05$.

2.3 两组产妇奶胀和婴儿吸吮时间比较

由表 4 结果可知,对照组与干预组产妇奶胀和婴儿吸吮时间比较发现,干预组产妇奶胀时间(31.7 ± 5.8)明显小于对照组

(60.1 ± 10.2),差异具有统计学意义($P < 0.05$);且干预组婴儿开始吸吮时间和三天内吸吮时间均少于对照组,差异均有统计学意义($P < 0.05$)。具体见表 4。

表 4 两组产妇奶胀和婴儿吸吮时间比较

Table 4 The comparison of milk swelling time and suckling of postpartum women in two groups

Group	Cases	Sufficient	Medium	Less than
Intervention	55	44(80.0) *	7(12.7)	4(7.3) *
The control	37	22(59.5)	5(13.5)	10(27.0)
t		2.773	1.024	2.399
P		0.019	0.109	0.040

3 讨论

回顾性分析产妇的临床资料,总结剖宫产术后影响母婴早接触早吸吮的因素主要有以下3个方面:(1)宣教因素:不同医护人员对母乳喂养的认识不同,在护理过程中往往只关注产妇,易忽视母婴早接触早吸吮的意义,在母婴接触时不注重与产妇进行积极的沟通交流。同时产妇及家属对母婴早接触早吸吮的认知不足,对其重要性不够重视,往往认为产妇术后身体虚弱且尚未进食,对医护人员的进行早接触早吸吮护理时不配合甚至阻止^[6-8];(2)生理因素:由于麻醉药的影响,产妇剖宫产术后往往会体温偏低和上肢轻颤等症状^[9-12]。同时在术后产妇因麻醉需要去枕平卧,静脉输液治疗,留置导尿管以及腹部放置沙袋等,疼痛和身体活动的受限导致了产妇在生理上极大的不适^[13-15];(3)心理因素:产妇害怕哺乳时婴儿吮吸刺激引起切口和腹部疼痛,同时认为自己泌乳不足和麻醉药会通过喂乳对新生儿造成影响,造成较大的心理压力,主观上不愿与新生儿早接触早吸吮。少数产妇因惧怕母乳喂养造成自己身体走型,拒绝与新生儿早接触早吸吮。

针对上述影响母婴早接触早吸吮的因素,我们增加了以下4个方面的护理干预措施:(1)加强母乳喂养教育:加强和巩固医护人员关于爱婴和母乳喂养的培训,使其掌握相关新技术和新观点,不断充实自身的知识面和开拓视野,积极主动将所掌握的知识付诸于具体的临床护理中,为正确指导和帮助产妇开展母乳喂养做好理论和技术准备。在进行剖宫产手术前,主动与患者进行沟通,提高其对手术的认知程度,减少不必要的心理压力。在产妇产前就对其进行乳房护理、母乳喂养和新生儿生理性黄疸等知识的宣教,告诉产妇和家属母婴早接触早吸吮可以明显增进母婴感情和促进早开奶,同时说明泌乳反射主要是靠新生儿的吮吸刺激来进行的,因此越早接触和吮吸,泌乳就会越早越充分^[16-18]。使产妇和家属了解母乳喂养的众多优点之后,也让产妇在生理和心理都做好积极母乳喂养的准备。(2)母婴接触和吮吸指导:产妇因为手术和麻药的影响会暂时基本丧失自理能力^[19,20],这时需要医护人员协助产妇调整合适的体位以进行母婴的早接触早吸吮。要注意减轻产妇报婴的负担,同时防止腹部和伤口受压而较少疼痛。此时新生儿的体温调节系统尚未发育完善^[21],在进行母婴早接触早吸吮时要注意保暖,可以用毛毯和毛巾被等将母婴共同裹盖,第一次接触和吮吸应在产后的30min内并尽量保持在30min以上。(3)生活饮食护理干预:术后帮助产妇进行乳房的按摩和保障其睡眠充足,及时疏通乳腺管,消除产妇的奶胀,使产妇可以早期泌乳。饮食上可以在术后6h进食如蛋汤等清淡易消化的食物,肛门排气后可进食汤面和稀粥等半流质食物,同时也可进食一些如鲫鱼汤和催乳中药等,提高产妇的泌乳量。(4)心理干预:消除产妇及家属对麻醉药的偏见和心理压力,让其了解麻醉药不会影响奶水的质量,因而也不会对新生儿造成不良影响,可以放心的进行母婴的早接触早吸吮。同时增强产妇对母乳喂养的信心,克服剖宫产术对产妇生理和心理的不良刺激,消除产妇因疼痛产生的抑郁、焦躁和沮丧等不良心理^[22]。同时要分享产妇初为人母的喜悦心情,充分挖掘产妇的自有潜力,增强其对困难的承受能力和应对能力,促使产妇进入最佳的心理状态。对一些害

怕母乳喂养会影响形体的产妇,医护人员要反复强调母乳喂养的种种益处,以及母乳喂养会加快消耗产妇体内堆积的脂肪,反而会更好恢复产妇的形体。采取以上护理干预措施后,本研究中对对照组产妇的开奶时间为 47.8 ± 7.1 h,而干预组为 35.6 ± 8.6 h,干预组产妇的开奶时间明显早于对照组,且干预组产妇72 h泌乳量较对照组产妇充足,差异均有统计学意义($P < 0.05$)。这表明增加相应护理干预措施的临床效果较好,缩短了产妇泌乳的开始时间,同时增加了泌乳量,为母婴早接触早吸吮提供较好的条件。

总而言之,针对母婴早接触早吸吮的相关影响因素,采取相应的护理干预措施可以明显促进产妇的早期恢复和泌乳,提高产妇的泌乳量和母婴的早接触早吸吮,值得在临床上推广。

参考文献(References)

- [1] 李芳. 剖宫产对母乳喂养影响的护理 [J]. 内蒙古中医药, 2012, 31(18): 113
Li Fang. Nursing intervention for breastfeeding after cesarean section [J]. Journal of Inner Mongolia traditional Chinese medicine, 2012, 31(18): 113
- [2] 张春晖. 自然顺产与剖宫产对母乳喂养的影响 [J]. 基层医学论坛, 2010, 14(28): 907-908
Zhang Chun-hui. The effect of natural natural birth and cesarean delivery to breastfeeding [J]. Journal of basic-level medical BBS, 2010, 14 (28): 907-908
- [3] Chertok IR. Breast-feeding initiation among post-Caesarean women of the Negev, Israel[J]. British Journal of Nursing, 2006, 15(4): 205-208
- [4] 郭会平,汪玉莲,董福梅,等. 护理干预对剖宫产术后母乳喂养的影响 [J]. 临床合理用药杂志, 2009, 2(23): 77-78
Guo Hui-ping, Wang Yu-lian, Dong Fu-mei, et al. The effect of Nursing intervention for breastfeeding after cesarean section [J]. Journal of clinical rational drug use, 2009, 2(23): 77-78
- [5] Chertok IR, Shoham-Vardi I. Infant hospitalization and breastfeeding post-caesarean section [J]. British Journal of Nursing, 2008, 17(12): 786-791
- [6] Lin CH, Kuo SC, Lin KC, et al. Evaluating effects of a prenatal breastfeeding education programme on women with caesarean delivery in Taiwan[J]. Journal of Clinical Nursing, 2008, 17(21):2838-2845
- [7] 田勤霞,温阿楠. 剖宫产术影响产妇母乳喂养的护理干预效果[J]. 中国社区医师(医学专业), 2010, 12(18): 207-208
Tian Qin-xia, Wen A-nan. The nursing intervention effect of cesarean section affect maternal breastfeeding [J]. Chinese community physicians (medicine), 2010, 12(18): 207-208
- [8] 易本华. 提高剖宫产术后母乳喂养成功率的护理体会[J]. 中国中医药现代远程教育, 2010, 08(11): 143-144
Yi Ben-hua. The nursing experience of success rate of breastfeeding after improving cesarean section [J]. Modern distance education of Chinese medicine in China, 2010, (11): 143-144
- [9] Smith LJ. Impact of birthing practices on the breastfeeding dyad[J]. Journal of midwifery & women's health, 2007, 52(6): 621-630
- [10] 关义琼. 心理干预对57例剖宫产患者的影响[J]. 海南医学院学报, 2010, 16(4): 527-528
Guan Yi-qiong. Effect of psychological nursing intervention on cesarean section [J]. Journal of hainan medical college, 2010, 16(4): 527-528

- [11] 詹翠金.全方位护理对剖宫产产妇母乳喂养的影响[J].中国当代医药, 2011, 18(14): 132-133
Zhan Cui-jin. Comprehensive care and the impact of breastfeeding on the cesarean section [J]. The influence of contemporary Chinese medicine, 2011, 17(14): 132-133
- [12] 陈美霞,方善红,黄月娇.胎膜早破 96 例妊娠结局临床分析[J].现代生物医学进展, 2011, 11(24): 5083-5085
Chen Mei-xia, Fang Shan-hong, Huang Yue-jiao. A 96 case pregnancy outcome clinical Analysis of Premature rupture of fetal membrane[J]. Progress in Modern biomedicine, 2011, (24): 5083-5085
- [13] Abernathy-Young KK, LeBlanc MM, Embertson RM, et al. Survival rates of mares and foals and postoperative complications and fertility of mares after cesarean section: 95 cases (1986-2000)[J]. J Am Vet Med Assoc, 2012, 241(7): 927-934
- [14] 文静,周菲,张芳,等.宫腔镜对剖宫产疤痕缺损治疗方法研究[J].现代生物医学进展, 2012, 11(31): 6124-6126
Wen Jing, Zhou Fei, Zhang Fang, et al. Therapy of Cesarean Section Scar Defect by Hysteroscopy [J]. Progress in Modern biomedicine, 2012, 11(31): 6124-6126
- [15] Xu LL, Chau AM, Zuschmann A, et al. Blunt vs. sharp uterine expansion at lower segment cesarean section delivery: a systematic review with metaanalysis[J]. Am J Obstet Gynecol, 2013, 208(1): 62.e1-8
- [16] Yazicioglu HF, Sevkett O, Ekin M. Incomplete healing of the uterine incision after cesarean section: is it preventable by intraoperative digital dilatation of the internal cervical ostium?[J]. Gynecol-Obstet-Invest, 2012, 74(2): 131-135
- [17] Ghahiry A, Rezaei F, Karimi Khouzani R, et al. Comparative analysis of long-term outcomes of Misgav Ladach technique cesarean section and traditional cesarean section [J]. J Obstet Gynaecol Res, 2012, 38(10): 1235-1239
- [18] Paraskeva A, Diamantis M, Petropoulos G, et al. Postoperative analgesic requirements after subarachnoid or epidural anesthesia with ropivacaine 0.75% in cesarean section. A double-blind randomized trial[J]. Curr Med Res Opin, 2012, 28(9): 1497-1504
- [19] Niklasson B, Björkesson A, Carmnes UB, et al. Intraoperative injection of bupivacaine-adrenaline close to the fascia reduces morphine requirements after cesarean section: a randomized controlled trial[J]. Acta Obstet Gynecol Scand, 2012, 91(12): 1433-1439
- [20] Chong C, Su LL, Biswas A. Changing trends of cesarean section births by the Robson Ten Group Classification in a tertiary teaching hospital[J]. Acta Obstet Gynecol Scand, 2012, 91(12): 1422-1427
- [21] Draisci G, Sbaraglia F, Pinto R, et al. Does Huntington's disease enhance cephalad spread during neuraxial anesthesia for cesarean section?[J]. J Clin Anesth, 2012, 24(6): 516-517
- [22] Kalampokas E, Sofoudis C, Antonogeorgos G, et al. A randomized controlled trial for cervical priming using vaginal misoprostol prior to hysteroscopy in women who have only undergone cesarean section[J]. Arch Gynecol Obstet, 2012, 286(4): 853-857

(上接第 428 页)

- Lu Qiang, Huang Li-jun, Han Yong, et al. Different Effects of High Voltage Electric Field on the Biological Characteristics of A549 Lung Cancer Cells[J]. Progress in Modern Biomedicine, 2013, 13(14): 2669-2673
- [13] Kranjc M, Bajd F, Sersa I, et al. Ex vivo and in silico feasibility study of monitoring electric field distribution in tissue during electroporation based treatments[J]. PLoS One, 2012, 7(9): e45737
- [14] Miklavcic D, Semrov D, Mekid H, et al. A validated model of in vivo electric field distribution in tissues for electrochemotherapy and for DNA electrotransfer for gene therapy [J]. Biochimica et biophysica acta, 2000, 1523(1): 73-83
- [15] Liang H, Gu M, Yang C, et al. Sevoflurane inhibits invasion and migration of lung cancer cells by inactivating the p38 MAPK signaling pathway [J]. J Anesth, 2012, 26(3): 381-392
- [16] Huang CW, Chen HY, Yen MH, et al. Gene expression of human lung cancer cell line CL1-5 in response to a direct current electric field [J]. PloS one, 2011, 6(10): e25928
- [17] Yang X, Zhang Y, Wang S, et al. Effect of fasudil on growth, adhesion, invasion, and migration of 95D lung carcinoma cells in vitro[J]. Canadian journal of physiology and pharmacology, 2010, 88(9): 874-879
- [18] Mouraviev V, Polascik TJ. Update on cryotherapy for prostate cancer in 2006[J]. Current opinion in urology, 2006, 16(3): 152-156
- [19] Lu Q, Cao W, Huang L, et al. CT-guided percutaneous microwave ablation of pulmonary malignancies: Results in 69 cases [J]. World journal of surgical oncology, 2012, 10: 80
- [20] Huang L, Han Y, Zhao J, et al. Is radiofrequency thermal ablation a safe and effective procedure in the treatment of pulmonary malignancies?[J]. European journal of cardio-thoracic surgery, 2011, 39(3): 348-351
- [21] Arena CB, Sano MB, Rossmeisl JH, et al. High-frequency irreversible electroporation (H-FIRE) for non-thermal ablation without muscle contraction[J]. Biomedical engineering online, 2011, 10: 102-122
- [22] Maor E, Ivorra A, Rubinsky B. Non thermal irreversible electroporation: novel technology for vascular smooth muscle cells ablation[J]. PloS one, 2009, 4(3): e4757
- [23] Appelbaum L, Ben-David E, Faroja M, et al. Irreversible Electroporation Ablation: Creation of Large-Volume Ablation Zones in in Vivo Porcine Liver with Four-Electrode Arrays [J]. Radiology, 2013 Oct 14. [Epub ahead of print]
- [24] 周玮,熊正爱,刘颖,等.不可逆性电穿孔致 HeLa 细胞凋亡与坏死的作用研究[J].第三军医大学学报, 2010, 32(18): 1941-1944
Zhou Wei, Xiong Zheng-ai, Liu Ying, et al. Apoptosis and necrosis of HeLa cells induced by irreversible electroporation[J]. Acta Academiae Medicinae Militaris Tertiae, 2010, 32(18): 1941-1944