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腹腔镜Roux-en-Y胃转流术对2型糖尿病患者术后近期分享到:

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Title: Effects of laparoscopic Roux-en-Y gastric bypass on early postoperative blood pressure in patients with type 2 diabetes

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关键词: [2型糖尿病](#); [胃转流术](#); [血压](#)

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摘要: 目的 评价腹腔镜Roux-en-Y胃转流术(Roux-en-Y gastric bypass, RYGB)对2型糖尿病(type 2 diabetes mellitus, T2DM)患者近期血压的影响。方法 分析2010年5月至2012年4月经内科评估后行腹腔镜RYGB的T2DM患者21例的临床资料,包括手术前及术后1、3、6、12个月诊室血压、24 h动态血压(24-hour ambulatory blood pressure, ABPM)等的变化情况,及其与体质量、体质指数(BMI)、腰围(WC)的关系。结果 肥胖组(BMI ≥ 28.0 kg/m²)手术后能明显降低患者诊室血压和晨峰血压(MBPS) ($P < 0.05$);非肥胖组仅舒张压手术前后有统计学差异 ($P < 0.05$), ABPM各指标无统计学差异。与术前相比,合并高血压患者诊室血压显著下降($P < 0.05$),且与手术前后体质量、BMI、WC及其变化均无显著相关。结论 腹腔镜RYGB能够有效降低2型糖尿病合并高血压患者术后近期血压,且血压下降与体质量、BMI、WC无显著相关。

Abstract: Objective To determine the effect of laparoscopic Roux-en-Y gastric

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bypass on blood pressure in patients with type 2 diabetes. Methods

Clinical data of 21 cases of patients with T2DM undergoing Roux-en-Y gastric bypass in our department after medical assessment during 2010 to 2012 were collected in this study. Their office blood pressure and 24-hour ambulatory blood pressure (ABPM) before and in 1, 3, 6, and 12 months after surgery were recorded, and the correlation between their changes with body weight, body mass index (BMI), waist circumference (WC) were analyzed. Results

Compared with pre-operation, the office blood pressure and morning blood pressure surge (MBPS) were decreased significantly ($P<0.05$) in the obese group ($BMI \geq 28.0 \text{ kg/m}^2$). In non-obese group only the diastolic blood pressure was decreased after surgery ($P<0.05$), and had no significant difference in ABPM before and after surgery. Compared with pre-operation, office blood pressure was decreased significantly in patients with both T2DM and hypertension ($P<0.05$). Moreover, there was no significant correlation between the changes of office blood pressure and the changes of body weight, BMI, and WC before and after operation. Conclusion For T2DM patients with hypertension, laparoscopic Roux-en-Y gastric bypass decreases the early post-operative blood pressure significantly, and there is no significant correlation between the changes of blood pressure and the changes of body weight, BMI, and WC.

参考文献/REFERENCES:

杨建江, 倪银星, 何洪波, 等. 腹腔镜Roux-en-Y胃转流术对2型糖尿病患者术后近期血压的影响[J]. 第三军医大学学报, 2013, 35(9):828-831.

相似文献/REFERENCES:

- [1]李亚, 李伟, 王晶, 等. 抑郁状态与2型糖尿病形成各阶段代谢指标的相关性分析[J]. 第三军医大学学报, 2012, 34(16):1697.
- [2]金晖, 鲍洁, 赵镇, 等. 米格列奈与瑞格列奈对新诊断2型糖尿病的临床疗效研究[J]. 第三军医大学学报, 2013, 35(03):260.
Jin Hui, Bao Jie, Zhao Zhen, et al. Clinical efficacy of mitiglinide and repaglinide in treatment of patients with newly diagnosed type 2 diabetes mellitus[J]. J Third Mil Med Univ, 2013, 35(09):260.
- [3]廖涌, 章婧, 李阳, 等. 甘精胰岛素联合门冬胰岛素在2型糖尿病围手术期的临床应用[J]. 第三军医大学学报, 2008, 30(18):1766.
LIAO Yong, ZHANG Jing, LI Yang, et al. Insulin glargine plus insulin aspart for perioperative patients with type 2 diabetes [J]. J Third Mil Med Univ, 2008, 30(09):1766.
- [4]卢薇, 欧亚萍, 梁英梅. 二甲双胍对2型糖尿病患者血HS-CRP、TNF- α 、ICAM-1水平的影响[J]. 第三军医大学学报, 2008, 30(18):1768.
- [5]刘红, 罗蕾, 高原. 2型糖尿病大鼠近球小管Na⁺, K⁺-ATPase活性变化[J]. 第三军医大学学报, 2006, 28(20):2062.
- [6]贾贺堂, 张素华, 纪立农, 等. 北京地区早发糖尿病家系MODY5基因突变的筛查[J]. 第三军医大学学报, 2006, 28(19):1952.
- [7]杨孟雪, 甘华, 沈清, 等. 1, 25-(OH)2D3及LPS对2型糖尿病肾病尿毒症患者单核细胞维生素D受体表达的影响[J]. 第三军医大学学报, 2011, 33(16):1731.
Yang Mengxue, Gang Hua, Sheng Qing, et al. Effect of 1, 25-(OH)2D3 and LPS on expression of vitamin D receptor in human monocytes incubated with sera from type 2 diabetes patients and diabetic nephropathy patients with uremia [J]. J Third Mil Med Univ, 2011, 33(09):1731.
- [8]张学亮, 冯晓丽, 徐静, 等. 曲美他嗪对2型糖尿病患者血乳酸水平的影响[J]. 第三军医大学学报, 2005, 27(24):2478.
- [9]唐晓君, 卢仙娥, 张素华, 等. LR 3 057位基因多态性与2型DM和肥胖及血脂的关系[J]. 第三军医大学学报, 2005, 27(15):1596.
- [10]王毅, 江学容, 谭兴容, 等. 2型糖尿病微生物感染与颈动脉粥样硬化关系分析[J]. 第三军医大学学报, 2005, 27(18):1898.
- [11]陈志雄, 张军, 张刘平, 等. 胃转流术降低2型糖尿病大鼠肝脏FoxO1因子的表达[J]. 第三军医大学学报, 2012, 34(17):1766.
Chen Zhixiong, Zhang Jun, Zhang Liuping, et al. Effect of gastric bypass on FoxO1 expression in liver of rats with type 2 diabetes[J]. J Third Mil Med Univ, 2012, 34(09):1766.
- [12]杨静, 张朝军, 郑宏庭, 等. 胃转流手术治疗肥胖2型糖尿病短期疗效观察[J]. 第三军医大学学报, 2012, 34(21):2222.