plasticity was improved.[8] JD-30 improves deterioration of spatial learning and memory in the SAMP8 mouse model, and by decreasing the content and deposition of Aβ, neuronal activity and synaptic plasticity improve.[9] A better absorption of paeoniflorin in rats of the VD than in normal group was observed through orally administrating with DSS, which is helpful for the treatment of VD.[10] DSS could ameliorate deterioration of cognition in SAMP8, especially in female animals. Increasing E2, NO, and glycine might contribute to the cognitive improvement effect of DSS in female SAMP8.[11]

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EVALUATED STUDY ON THE LETROZOLE AND ENDOTOXIN(LPS) —INDUCED MODEL OF POLYCYSTIC OVARIAN SYNDROME DUE TO KIDNEY DEFICIENCY-BLOOD STAGNATION IN RATS

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[Abstract] Objective:To establish rat models for the study of polycystic ovarian syndrome due to Kidney Deficiency-Blood Stagnation by using letrozole and endotoxin(LPS)，and evaluated them comprehensively.Methods:Sixty SD female rats aged six weeks were divided into two groups ,including experimental group of fifty rats and control group of ten rats.Rats were administered letrozole combined with LPS to induce PCOS model.Firstly,the rats in the experimental groups received intragastric administration of letrozole (1mg/kg）for 21 days.After the evaluation, the successful experimental ratsreceived injection of bacterial endotoxin (LPS)（2.5 mg/kg）for four weeks.The changes of morphology, body weight, estrous cycle, ovarian morphology , histology and serum levels of sex hormones, inflammatory factors, blood lipids, blood coagulation and hemorheology in rats were observed.Results:The weight gain of PCOS experimental rats was higher than that of control group(P ＜0. 05).Vaginal epithelial cells lose cyclical changes. Serum sex hormone (LH, T), fasting insulin (INS) concentration was higher than that of the control group(P ＜0. 05), serum sex hormone (FSH, E2) level was lower than the control group (P < 0.05).After LPS injection, rats showed weight gain slowed, reduced activity, fur lose luster, dry nails,foul stool, dark purple tongue, thickened and enlarged sublingual vein.Experimental group rats serum triglyceride (TG), low density lipoprotein (LDL), high-density lipoprotein (HDL) levels were higher than control group (P < 0.05), total cholesterol (TC) is significantly higher than control group (P < 0.01);Experimental group rats serum interleukin 6 (IL - 6), tumor necrosis factor (TNF alpha), c-reactive protein (CRP) concentration were higher than control group (P < 0.05);Experimental group rats plasma thrombin time (TT), fibrinogen (FIB) content is higher than that of control group (P < 0.05), prothrombin time (PT), partial prothrombin time (APTT) there was no statistically significant difference (P > 0.05);Rate of platelet aggregation in the rat model of experimental group is higher than thecontrol group (P < 0.05), whole blood viscosity, plasma viscosity were significantly higher than that of control group (P < 0.01).The ovaries of experimental rats seemed paler，larger and polycystic,histology showed less granular cell layer，thickened albuginea together with proliferated mesenchymaovarian .In the control group, the color of the ovary was red and the surface was smooth.Conclusion:letrozole and endotoxin(LPS)-induced model of polycystic ovarian syndrome due to Kidney Deficiency-Blood Stagnation in rats is successful.

Keywords：PCOS，Letrozole，Endotoxin，Animal model

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TO OBSERVE THE CLINICAL THERAPEUTIC EFFECT OF ACUPOINT CATGUT EMBEDDING THERAPY OF URINANY INCONTINENCE AFTER STROKE WITH SCALP ACUPUNCTURE

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Abstract Objective To observe the effect of scalp acupuncture foot motor sensory area combined with acupoint catgut embedding and treated with scalp acupuncture foot circulation influence area on the clinical efficacy of urinary incontinence after stroke.Methods Randomly 60 patients with diagnostic criteria were divided into two groups. Scalp acupuncture foot motor sensory area combined with acupoint catgut embedding therapy 30 cases as treatment group, acupuncture scalp foot motor sensory area of 30 cases as control group, to observe the curative effect, the statistical effect after the end of treatment.Results The scalp acupuncture combined with Catgut Implantation at acupoint foot motor sensory area total effective rate (92.3%) was significantly higher than that of simple acupuncture scalp foot motor sensory area group total effectiveness (73.3%), there was significant difference between two groups (P<0.05).Conclusion Acupuncture of foot motor sensory area combined with acupoint catgut embedding therapy clinical curative effect, which is better than the treatment with acupuncture of foot motor sensory area, provides a more reliable clinical evidence for the promotion of acupoint catgut embedding therapy for the disease.

Key words :acupuncture;foot motor sensory area; acupoint catgut embedding therapy; urinary incontinence;

Urinary incontinence is a loss of control under conscious, Urinary incontinence after stroke often shows a strong urine, conscious control of urination and can't stop the urine,urge incontinence, The disease belongs to traditional Chinese medicine "stroke", "urine can not help"category.

Objective In this study, the clinical effect of acupuncture combined with acupoint catgut embedding therapy on urinary incontinence after stroke is achieved, In order to provide a new theoretical basis for the study of clinical disease.

Materials and methods Diagnostic criteria for cerebral vascular disease meeting in Chinese medicine: criteria for evaluation of therapeutic effect of stroke[1]. Treatment group: the acupuncture therapy: The main acupoints Bilateral foot motor sensory area, Fengchi, Hegu, Quchi, Zusanli, taichong. Catgut embedding：Guanyuan, Qihai, Sanyinjiao. Choose the same side of the acupuncture points, alternate use. Embedding operation: Patients take supine position, point skin routine disinfection, 00 ~2 chromic catgut (0.8 ~ 1cm) in the No. 9 needle, the point from the local to the flat below the needle thorn, each point is about 15 ~ 20mm, for lifting thrusting twirling after the gas, The use of Ren's "two fast slow" manipulation [2]. The control group:only patients with the treatment group received acupuncture treatment and acupuncture of Guanyuan, Qihai, Sanyinjiao, do not accept the acupoint catgut embedding therapy. Grading of urinary incontinence before and after treatment. Method for grading the degree of urinary incontinence [3].Clinical Standard:efficacy criteria[4].Treatment outcome:after 4 courses of treatment, the results were compared in table 1.