

Table 1 Effect of two groups [cases (%)]

Group	n	Recovery	Improvement	Invalid	The total efficiency (%)
The treatment group	30	15(50)	13 (43.3)	2 (6.7)	92.3 <sup>a</sup>
Control group	30	10(33.3)	12 (40)	(26.7)	73.3

Note: compared with the control group, a P<0.05

## Results and discussion

This clinical study gives a unified modern medical theory and the theory of traditional Chinese medicine in the treatment of acupuncture combined with catgut foot motor sensory area to improve the curative effect of urinary incontinence after stroke was better than acupuncture head foot motor sensory area, which provides more reliable clinical evidence for research for the promotion of acupoint catgut embedding therapy for the disease.

## Reference

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## CLINICAL OBSERVATION OF THE EFFECT OF ZHIMITONG IN THE TREATMENT OF CONSTIPATION

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Key words:zhi mi tong to relieve constipation Constipation due to stagnated liver Qi

1.1Materials and methods : 60 cases of patients with constipation to our hospital between July 2012 - July 2013 according to the sequence are divided into control group and treatment group, 30 patients in each group, treatment group, 15 cases were male, 12 female patients, age between 31-55 , duration of 6 months to 3 years, control group, 19 cases were male, 11 female cases, age between 34-57, duration of half a year to 3 years. Two groups in terms of age, gender, disease duration, severity by statistical test are no significant difference.

### 1.2 Diagnostic criteria

The syndrome of stagnation of liver Qi constipation;

The main symptoms: dry stool, discharge difficult or not, it means difficult to discharge and no defecation, defecation frequency decrease;

Secondary symptoms: abdominal pain and distension, chest fullness, loss of appetite, stuffy or heaviness in the head halo, trapped burnout, depression and anxiety, urine short red, thin and greasy tongue coating or micro yellow, pulse string number;

Where the main symptoms have a disease, and at least two people, which can be diagnosed as liver qi stagnation constipation.

### 1.3 inclusion criteria

1.3.1Between the ages of 18-70;

1.3.2Informed consent was signed and the informed consent was signed.

1.3.3In accordance with the diagnostic criteria of TCM and Western medicine constipation of qi stagnation can be included in the observation cases

### 1.4 treatment methods

This trial is a randomized, single blind, positive drug parallel controlled clinical trial.

### 1.5 Observation index

Recovery: The symptoms and signs disappeared, the integral is reduced more than 85%

Excellent: The symptoms and signs were improved, the integral is reduced more than 50%.

Effective: The symptoms and signs were improved, the integral is reduced more than 20%.

Inefficacy: Symptoms, signs of improvement is not obvious, or even worse, the symptom integral reduced less than 20%.

1.6 statistical method: Using SPSS17.0 software, Measurement data using T test, count data using chi square test.

### 2. treatment outcome and analysis

The treatment group and the control group after two weeks of treatment efficacy analysis

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group	The number of cases	Total effective	recovery	Effective	effective	invalid
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treatment group	30	28	12(40.0%)	12(40.0%)	4(13.3%)	2(6.7%)
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control group	30	28	6(20.0%)	17(56.7%)	5(16.6%)	2(6.7%)
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by t test, two groups of patients before and after treatment had significant difference than that two groups of drugs for TCM accompanying symptoms have certain effect; two groups after two weeks of treatment by t test with significant difference ( $P < 0.05$ ), shows that the treatment group to accompany constipation symptoms improved better than the control group. After the end of treatment, the two groups compared treatment groups of TCM symptoms improved significantly better than the control group and after treatment two weeks have significant difference, while the control group had no difference that appropriate treatment is symptomatic group, curative effect satisfaction.

3. Discuss The modern Chinese medicine constipation constipation is blocked, prolonged defecation, or for stool and learned a poor disease. Actually, because of the diet structure, region and quality differences and bowel habits of different defecation interval have very different, defecation habits to every 2-3 days or longer. In principle, as long as the defecation without pain, unobstructed, they can not be regarded as constipation, and if defecation pain, drying, and discomfort, even abdominal distension, regardless of the stool interval of time how long should be regarded as constipation, so fundamentally said constipation refers to the stool in the anal canal, through the difficult, shipped out for extended periods of time, discharge frequency is reduced, fecal induration, discharge difficult symptoms

This prescription adopted by Chaihu Shugan Qi, by Cyperus Digest food, the root of three-nerved taste spicebush Spicy, can make gas operation. Party by modern pharmacological studies confirmed that semen Raphani, Fructus aurantii Immaturus and Radix Paeoniae Alba, Radix Bupleuri, hemp seed, Amomum villosum, etc. on the gastrointestinal motility dysfunction has certain improvement action. And Radix Paeoniae Alba, Radix Bupleuri and calm, analgesic effect, which with anxiety in patients with constipation in the experimental group, improvement of symptoms of abdominal pain was significantly greater than that of in the control group, there is a certain relationship. In addition because of Rhizoma Cyperi, Radix Bupleuri with estrogen like effects, for women because of endocrine disorders caused by constipation can play certain conditioning effect. Finally, the majority of drug has a certain degree of antibacterial activity, which due to the long-term constipation caused by intestinal flora significantly improved. All of the medicine Played a total of Shugan Qi, laxative, can be very good to improve the symptoms of constipation.

## CONSTRUCTION AND ANTI-TUMOR IN VITRO OF NANO-DRUG DELIVERY SYSTEM OF ARSENIC TRIOXIDE-TETRANDRINE

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Abstract Prepared "arsenic trioxide-tetrandrine bifunctional double combination of molecular" on targeted drug delivery system by nanoparticles size that less than 100nm and high encapsulation efficiency. After comparing the two kinds of nanoparticles prepared by PLGA and MPEG-PLGA, the As<sub>2</sub>O<sub>3</sub>-TET-MPEG-PLGA-NPS showed a smaller particle size, higher encapsulation efficiency. The pharmacokinetic study in rats showed that the bioavailability was higher, and the release effect was better. In vitro anti-tumor studies showed that As<sub>2</sub>O<sub>3</sub>-TET-MPEG-PLGA-NPS could effectively increase the number of tumor cells in the early stage of apoptosis, induce the programmed apoptosis of cells, and block the growth of cells in G<sub>2</sub>/M phase.

Key words: Arsenic trioxide; tetrandrine; PLGA; Acute promyelocytic leukemia; Anti-tumor in vitro

Arsenic trioxide had attracted much attention in the field of cancer therapy, because it had a certain anti-tumor effect and reverse multidrug resistance (MDR). Although the simple arsenic trioxide (As<sub>2</sub>O<sub>3</sub>) nano delivery system could increase the therapy and alleviate the toxicity adverse effect, but its target was single, unsatisfactory curative effect were still restricted in the application. The main objective of this project was to construct the "double drug loaded nanoparticles". The resistance of As<sub>2</sub>O<sub>3</sub> combined with traditional Chinese medicine anti-multidrug resistance composition of tetrandrine (TET). Build a nano-drug delivery system by PLGA/MPEG-PLGA carrier. Later, we would use the double drug nano delivery system