

Study on the Effect of Shenling Baizhu Powder plus and Minus Decoction Combined with Chemotherapy on Breast Cancer with Weak Spleen and Stomach

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Abstract: Objective: To study the effect of spleen and stomach weak breast cancer patients when taking Shenlingbaizhu powder combined with chemotherapy. Methods: From February 2017 to May 2020, 37 patients with breast cancer with spleen and stomach weakness in our hospital were selected as the research group, and Shenlingbaizhu powder plus and minus decoction combined with chemotherapy treatment was selected; 37 patients with breast cancer with spleen and stomach weakness were also selected As a reference group, conventional chemotherapy treatment was performed to compare the treatment efficiency, incidence of adverse reactions, and quality of life of the two groups of patients. Results: First of all, comparing the treatment efficiency, the study group was 97.29% and the reference group was 81.08%. The data were different, $P < 0.05$. Secondly, comparing the incidence of adverse reactions, the incidence of complications in the study group was 2.70% and that in the reference group was 16.21%. The data were different, $P < 0.05$. Finally, comparing the quality of life, the score of the study group was higher than that of the reference group after treatment, the data were different, $P < 0.05$. Conclusion: For patients with breast cancer with weak spleen and stomach, Shenlingbaizhu powder combined with chemotherapy can improve the treatment efficiency and quality of life of the patients, and can also reduce adverse reactions and have application value.

1. Introduction

In my country, the incidence of breast cancer is extremely high, and it is also one of the countries with the fastest growing incidence of breast cancer in the world. Therefore, how to improve the level of breast cancer prevention and treatment in clinical practice is an important task [1]. In traditional treatment, conventional chemotherapy is the mainstay, but in the single chemotherapy treatment, although it is undeniable that its actual efficacy, but many patients still can not improve the quality of life level after the treatment. In the treatment of traditional Chinese medicine, emphasis is placed on syndrome differentiation treatment. For example, for breast cancer patients with weak spleen and stomach, it is necessary to adjust their weak spleen and stomach while taking chemotherapy to improve the quality of life and the effect of chemotherapy. In this paper, by studying the effect of Shenlingbaizhusan plus and minus prescription combined with chemotherapy in the treatment of breast cancer with weak spleen and stomach, it will provide a reference for subsequent research.

2. Materials and Methods

2.1 General Information

From February 2017 to May 2020, 37 patients with breast cancer with spleen and stomach weakness were selected as the research group, and 37 patients with breast cancer with spleen and stomach weakness were selected as the reference group. The study group was 49 to 63 years old, with an average age of (53.25 ± 2.31) years, with a disease course of 1 to 6 years, and an average of (3.62 ± 0.25) years; the reference group was 48 to 62 years old, with an average age of (54.36 ± 2.42) years, and a disease course of 1 ~7 years, average (3.71 ± 0.16) years. There is no difference between

the above data, $P>0.05$, which is comparable.

Inclusion criteria: The selected patients were all diagnosed with breast cancer; no other treatment intervention was received before the study; the expected survival time was greater than 3 months; patients informed the study and signed a consent form; approved by the Medical Ethics Committee of our hospital.

Exclusion criteria: patients who are pregnant or still breastfeeding; their condition deteriorates rapidly; they have a history of allergy to the study drug; they have severe organ diseases.

2.2 Method

The reference group took a single chemotherapy treatment. The drug was epirubicin, provided by Famasia Co., Ltd., the national drug standard number was: H20000496, the amount was 60mg/m²; cyclophosphamide was provided by Jiangsu Hengrui Pharmaceutical Co., Ltd. , The national medicine standard number is: H32020857, the amount is 600mg/m², intravenous drip administration, 21 days as a cycle, four cycles after the use of docetaxel, provided by Jiangsu Hengrui Pharmaceutical Co., Ltd., The national drug standard number is: H2002054, the amount is 175mg/m², and the intravenous infusion is administered, taking 21 days as a cycle, which lasts for four cycles.

On the basis of the reference group, the research group took Shenlingbaizhu powder plus or minus prescription. The prescription consisted of 20g each of Astragalus, Hedyotis diffusa and fried malt, 15g each of Radix Pseudostellariae, Radix Chrysanthemum and Cat's Claw, Poria, White Paeonia lactiflora, Atractylodes macrocephala, White lentils, Chinese yam, Bupleurum 10g each, Amomum 9g, Licorice 3g, Chinese herbal medicines are made by decoction, take 150ml juice, and take it twice in the morning and evening.

2.3 Observation Indicators

Compare the treatment efficiency. Observe the patients' actual symptoms after the treatment. The main symptoms are: limb weakness, mental depression, abdominal distension after meals, loose stools; secondary symptoms are: yellowish complexion, abdominal pain, nausea and vomiting [2]. Based on this as the evaluation standard, severe is ineffective, moderate is moderate, mild is effective, and the above symptoms are significant. Effective rate of treatment = [(significant effect + effective + general)]/n*100%.

The incidence of adverse reactions was compared. The content of the comparison was abdominal pain, kidney damage, fever, and vomiting. The incidence of adverse reactions = [(abdominal pain + kidney injury + fever + vomiting)]/n*100%.

The internationally accepted SF-36 scale was used to compare the quality of life. The contents were roles, diet, activities, and psychology. The higher the score, the higher the quality.

2.4 Statistical Analysis

Treated with SPSS 20, measurement data is indicated by t test, and count data is indicated by test, %. $P<0.05$ indicates statistical significance.

3. Results

3.1 Comparison of Treatment Efficiency

The treatment effective rate was 97.29% in the study group and 81.08% in the reference group. The data are different, $P<0.05$, see Table 1.

Table 1 Comparison of Treatment Effectiveness (, %)

Gr	n	Marked effect	effective	general	invalid	Effective treatment Rate
Research Gr.	37	18(48.64)	11(29.72)	7(18.91)	1(2.70)	36(97.29)
Reference group	37	15(40.54)	10(27.02)	5(13.51)	7(18.91)	30(81.08)
χ^2	\	0.492	0.066	0.397	5.045	5.045
P	\	0.482	0.796	0.528	0.024	0.024

3.2 Comparison of Incidence of Adverse Reactions

The incidence of adverse reactions in the study group was 2.70%, and that in the reference group was 16.21%. The data are different, $P < 0.05$, see Table 2.

Table 2 Comparison of Incidence of Adverse Reactions (, %)

Gr	n	stomach ache	Kidney damage	heat	Vomiting	Incidence of adverse reactions
Research Gr.	37	0(0.00)	0(0.00)	1(2.70)	0(0.00)	1(2.70)
Reference Gr	37	2(5.40)	1(2.70)	1(2.70)	2(5.40)	6(16.21)
χ^2	\	2.055	1.013	0.000	2.055	3.944
P	\	0.151	0.314	1.000	0.151	0.047

3.3 Comparison of Quality of Life

After treatment, the quality of life of the two groups of patients was compared, the data were different, $P < 0.05$, see Table 3.

Table 3 Comparison of Quality of Life (, Points)

Gr	n	Role	Eating	communication	activity
Research Gr.	37	8.25±1.15	9.12±1.21	8.41±1.62	8.41±1.32
Reference group	37	5.32±0.42	6.63±0.53	5.32±0.41	6.52±0.15
T	\	14.557	11.465	11.247	8.653
P	\	0.000	0.000	0.000	0.000

4. Discussion

In gynecology, breast cancer is a high-risk disease and one of the more common malignant tumors among women. Although China has a lower incidence of breast cancer compared to European and American countries, it has shown an upward trend in recent years; especially in some large cities, the incidence of breast cancer even exceeds cervical cancer, occupying the top position of female malignant tumors, and its quality of life Cause serious impact [3]. At present, in the choice of treatment plan, surgery is still the main method of breast cancer. However, with the continuous development of the medical level, the treatment methods have also changed greatly. For example, the scope of surgery has been reduced. Compared with the previous total breast resection, the breast-retaining segmental resection is now more highly recommended; at the same time, radiotherapy technology is used to give When intervening, the preserved breasts can be evenly irradiated, and the treatment effect is basically similar to that of total mastectomy, but to a large extent, it ensures the beauty of the female body. It can be seen that systemic diseases such as breast cancer also need to consider systemic treatment when taking surgical treatment, and the two need to cooperate with each other to achieve the maximum effect. In addition, as the early detection rate of breast cancer increases, there are better prevention and treatment methods for the disease.

In addition to surgical treatment, radiation therapy is also a very common type of breast cancer treatment. Usually when taking radiation therapy, the breast of the patient can be preserved [4]. For example, there is no obvious difference in survival rate between breast-conserving surgery plus radiotherapy and traditional radical surgery, but the advantage is to reduce surgical damage and prevent trauma to the patient's spirit after mastectomy. Therefore, the method of breast conserving surgery plus radiotherapy is widely used in the treatment of early breast cancer. In addition, whole breast irradiation as a fixed radiotherapy mode after breast-conserving surgery is very common in previous applications, but most patients are mainly located in tumor lesions and nearby locations after recurrence after receiving treatment. Scholars believe that the treatment of total breast irradiation is of little significance [5]. In general, the treatment of breast cancer still advocates comprehensive treatment, and the current consensus plan in the clinic is surgery + local radiotherapy + chemotherapy + endocrine therapy; especially when neoadjuvant chemotherapy is adopted. It can effectively reduce the primary tumor volume of advanced breast cancer, reduce the tumor stage, and ensure that more patients can perform breast-conserving surgery.

In the treatment of traditional Chinese medicine, syndrome differentiation treatment is needed. For example, patients with weak breast cancer of the spleen and stomach will accumulate gastrointestinal function, usually due to blood and blood loss during the tumor, blood stasis and veins [6]. Similarly, when taking chemotherapy drugs, it will inevitably cause damage to the spleen and stomach functions of patients. Therefore, many breast cancer patients are often accompanied by symptoms such as anemia and diarrhea. Individual patients even have long-term upper abdominal pain, decreased appetite, and nutrition cannot be balanced. Immunity decreased significantly.

In this study, the effectiveness of treatment was first compared. The study group was 97.29% and the reference group was 81.08%. The data were different, $P < 0.05$. Second, comparing the incidence of adverse reactions, the incidence of complications in the study group was 2.70%, and that in the reference group was 16.21%. The data were different, $P < 0.05$. Finally, comparing the quality of life, the score of the study group was higher than that of the reference group after treatment, the data were different, $P < 0.05$. The specific analysis is: the drugs selected in the Shenling Baizhu powder addition and subtraction formula not only have an inhibitory effect on breast cancer cells, but also enhance the patient's immunity and consolidate its chemotherapy treatment effect [7]. Among them, barley, poria, white peony, white snake flower, Bupleurum and other drugs have been shown to kill cancer cells in modern research; while astragalus, radix ginseng, *Atractylodes macrocephala*, etc. can not directly kill cancer cells, but can be to a large extent It can improve the immunity of tumor patients, inhibit the proliferation of tumor cells in the body, and have a certain anti-tumor effect. In the course of chemotherapy, many patients' white blood cell indexes will be significantly reduced. *Atractylodes macrocephala* and white lentils have the effect of promoting the secretion of white blood cells to improve the patient's immunity [8]. In addition, *Astragalus* and *Pseudostellariae* not only can improve the white blood cell index, but also can improve the anemia of patients, promote blood circulation in the body, and ensure stable blood and qi. Chicken internal gold and fried malt have a protective effect on the human gastric mucosa. After treatment, it can promote gastrointestinal motility, enhance appetite, and prevent the nutritional intake from too little resulting in decreased immunity of the patient [9]. Finally, patients taking chemotherapy treatment are prone to vomiting and nausea and other drug side effects, which have not been properly resolved in the long-term treatment process; and the effects of white lentils and *Amomum* can effectively reduce the above reactions and improve the patient's tolerance during chemotherapy. Accept the degree to ensure that the treatment is carried out smoothly.

In summary, for patients with breast cancer with weak spleen and stomach, taking Shenling Baizhu powder combined with chemotherapy can improve the treatment efficiency and quality of life of the patients, and can also reduce adverse reactions. It is worth promoting.

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