

The First City in Shandong Province to Build a "National Comprehensive Reform Pilot Zone for Traditional Chinese Medicine", An Empirical Study on the Development of Traditional Chinese Medicine with Medical Insurance Reform as the Center in Weihai

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Abstract

Under the background of the construction of the National Comprehensive Reform Pilot Zone for Traditional Chinese Medicine, the experience of Weihai City in building a pilot zone was investigated and summarized. Using a combination of questionnaire survey method, field interview method, excel data analysis and other methods, the team investigated Weihai City to take Wenden Osteopathic Hospital's first closed needle therapy as an opportunity to help the development of traditional Chinese medicine through the transformation of "price in kind" to "pricing with technology", and summarized the series of experiences of medical insurance reform.

Keywords

Weihai; National Comprehensive Reform of Traditional Chinese Medicine; Health care reform; Price in kind; Pricing in technology.

1. Overview of the Implementation Plan for the Construction of the National Comprehensive Reform Pilot Zone for Traditional Chinese Medicine

In order to deeply study and implement Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era and the spirit of the 19th National Congress of the Communist Party of China, implement the requirements of the Law of the People's Republic of China on Traditional Chinese Medicine and the Outline of the Strategic Plan for the Development of Traditional Chinese Medicine (2016-2030), deepen the construction of the National Pilot Zone for the Comprehensive Reform of Traditional Chinese Medicine, give full play to the experimental area's role in exploring and breaking through and demonstrating the reform of traditional Chinese medicine, and promote the inheritance and development of the cause of traditional Chinese medicine, on July 25, 2018, the State Administration of Traditional Chinese Medicine officially issued the " Notice of the "Measures for the Administration of the Construction of the National Comprehensive Reform Pilot Zone for Traditional Chinese Medicine".

In response to the call for the construction of the National Comprehensive Reform Pilot Zone for Traditional Chinese Medicine, Weihai City takes the construction of the National Comprehensive Reform Pilot Zone for Traditional Chinese Medicine as an opportunity to deepen the reform of medical insurance, strengthen policy support, promote the inheritance and development of traditional Chinese medicine, take the promotion of inheritance and innovation as the theme, improve the development level of traditional Chinese medicine as the center, focus on improving the management system and policy mechanism of the construction

of the rehabilitation system of traditional Chinese medicine, and take the promotion and maintenance of the health of the people as the goal.

Gradually build a hierarchical and phased rehabilitation medical service system in Weihai to meet the basic rehabilitation medical service needs of the people.

Weihai Medical Insurance Bureau, based on the advantages of rich cultural heritage of traditional Chinese medicine, high resource endowment and strong industrial development, has continuously reformed and improved development policies and mechanisms, explored the establishment of a new model for the green development of the traditional Chinese medicine industry, promoted the integration and development of the traditional Chinese medicine industry, and built the traditional Chinese medicine industry into a strategic emerging industry in Weihai, so as to achieve the goal of a strong province of traditional Chinese medicine. Taking Wenden Osteopathic Hospital's original closed needle insertion therapy as a reform weapon, gradually implementing the change from "pricing in kind" to "pricing with technology", coordinating the technological development of traditional Chinese medicine with the patient's medical burden, not only allowing patients to receive traditional Chinese medicine diagnosis and treatment, but also gradually deepening the concept of traditional Chinese medicine treatment into the hearts of patients.

2. Overview of the First Closed Needle Insertion Therapy in Wenden Osteopathic Hospital

Closed needle insertion therapy is pioneered by the team led by President Yang of Wenden Osteopathic Hospital, on the basis of traditional orthopedic techniques, the minimally invasive treatment method of fixing the fracture site through the combination of Ke's needle and plastic surgery, while avoiding Western medical incision surgery, to ensure the anatomy or near-anatomical alignment of the fracture and the effect of firm fixation, after surgery, only need to go to the outpatient clinic to remove the Gram needle, the surrounding tissue and periosteum damage is small, more conducive to recovery, no need for secondary surgery to remove the internal fixation, reduce the use of consumables, the cost is lower than the traditional treatment.

3. Weihai Medical Insurance Reform Helps the Development of Traditional Chinese Medicine

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4. Team Visit and Research

The team members visited Weihai Municipal Health Commission, Weihai Municipal Medical Insurance Bureau, Weihai Municipal Hospital of Traditional Chinese Medicine and other places for in-depth research.

Within the Medical Insurance Bureau, the team members learned that after the reform of the medical insurance policy, the tilt of medical insurance for Chinese medicine is: 1. When treated by Traditional Chinese and Western Medicine: When receiving treatment in Chinese medicine hospitals, the proportion of patients paying is lower than that of other hospitals. And in the case

of graded treatment, the reimbursement ratio in the tertiary hospital can be enjoyed in the secondary hospital, and the bridge fee will be reduced accordingly. 2. In terms of drug reimbursement: when purchasing Western medicine drugs, the proportion of payment for patients is higher than that of traditional Chinese medicine drugs. 3. Medical insurance fixed settlement: If the treatment effect of Traditional Chinese medicine is good, it will be included in the fixed settlement, for example, the cost required by the hospital to treat a disease is 80,000, but the quota of 60,000 by the Human Resources and Social Security Bureau is 60,000, and 60,000 is reimbursed through medical insurance and the disease is healed within the fixed cost. In this way, the people reduce the burden and save the medical insurance fund. 4. The single disease of TCM advantage is not included in the medical insurance quota settlement: the single disease of TCM advantage is reimbursed by the normal reimbursement ratio of medical insurance, and there is no limit.

In Weihai City Hospital of Traditional Chinese Medicine, the team members interviewed orthopedic doctors to understand the use of closed needle therapy pioneered by Wenden Osteopathic Hospital in Weihai City Hospital of Traditional Chinese Medicine, interviewed the Medical Insurance Office of Weihai City Hospital of Traditional Chinese Medicine, and learned about the day ward of Traditional Chinese medicine in the hospital and the reimbursement and use of Chinese medicine medical insurance. Closed needle therapy recovery is fast, less traumatic, is an improvement of traditional Chinese medicine, the therapy in the relevant policy support, through the way of medical insurance reimbursement to the people to get benefits, but also increased the income of traditional Chinese medicine hospitals, hospitals have corresponding incentives for grass-roots doctors, but there may be actual income has not been too much increase. Through this survey, some problems were also found, such as the advantages of traditional Chinese medicine are still few, the profitability of traditional Chinese medicine hospitals is lower than that of Western medicine, the profitability of many hospitals is still dominated by Western medical technology, Western medical technology will be open, and the experience and technology of traditional Chinese medicine are less open, and regional differences and environmental differences will have an impact on the development of traditional Chinese medicine.

Within the Weihai Municipal Health Commission, the chief of the Traditional Chinese Medicine Development Section introduced the construction process of the Weihai Pilot Zone. From the arduous process of Wenden Osteopathic Hospital's pioneering closed needle therapy, to the unreasonable charging of traditional Chinese medicine technology, to the targeted reform of the corresponding medical insurance policy, and other reforms made by the construction of the imperfect experimental area in Weihai.

5. Enter the Weihai Municipal Health Commission and Further Explore Reform Measures with the Medical Insurance Reform Mechanism as the Main Body

5.1. Shift from "Price in Kind" to "Price in Technology"

In the context of Weihai City's construction of the National Comprehensive Reform Pilot Zone for Traditional Chinese Medicine, the key to developing traditional Chinese medicine is to speak with therapy. First of all, the people should be allowed to recognize the efficacy of Traditional Chinese Medicine. In terms of bone injuries, the first closed needle insertion therapy of Wenden Osteopathic Hospital is used as the starting point to promote the effectiveness of traditional Chinese medicine bone injuries. However, the technology relies on the experience of several years of rehabilitation experience of the operation doctor, and many older experts like Dean Yang choose not to wear the lead clothing to affect the feeling of reduction due to the heavy lead clothing, which greatly damages the health of the old experts. However, the price approval does

not cover these at all. Therefore, the Health Insurance Bureau has been reformed - "pricing in kind" to "pricing by technology". Prices have risen, and the burden on the people has increased.

5.2. Explore the Dominant Diseases of Traditional Chinese Medicine and Expand the Reimbursement Ratio

Therefore, medical insurance has carried out further reforms, expanded the reimbursement ratio, and explored the dominant diseases of traditional Chinese medicine. Taking the clavicle fracture as an example [1], if the original cost was 2000-3000 yuan, the price is now raised to 10,000 yuan. The 10,000 yuan after the price increase is still much lower than the cost of Western medicine surgery, which is about 70% of the cost of Western medicine. Not only that, this ten thousand yuan is paid by medical insurance, and the medical insurance of employees is fully reimbursed, and the resident medical insurance only needs to pay 40% of the out-of-pocket [2]. First, traditional Chinese medicine technology has been promoted, and its advantages of small trauma, no second surgery, and low cost have been recognized by the people. Second, improve the net profit of the hospital and enhance the satisfaction of TCM doctors. The increase in the number of patients who choose TCM surgery has increased the number of such surgeries in hospitals. There are fewer surgical consumables, more operating tables, and higher net profits. Reforming the in-hospital assessment system, increasing the income of TCM doctors, improving the satisfaction of TCM doctors, and helping to cultivate TCM talents. Third, save national medical insurance resources. The number of patients who choose TCM bone injury surgery has increased, the cost of TCM surgery is much lower than that of Western medicine, and the medical insurance funds required by the state have also decreased.

5.3. Reform of Quota Settlement of Dominant Diseases of Traditional Chinese Medicine

In order to support the development of traditional Chinese medicine, Weihai City has carried out the reform of fixed settlement diseases in designated medical institutions, including clavicle fractures, distal radius fractures, fistulas and other dominant diseases of traditional Chinese medicine, implementing fixed settlement, separate settlement, and not including the total medical insurance indicators.

5.4. Adjust the Reimbursement Ratio of Hospital Grading and Division, And Tilt Towards Traditional Chinese Medicine

Reduce the proportion of patients paying in traditional Chinese medicine hospitals, adjust the proportion of hierarchical reimbursement, and tilt towards traditional Chinese medicine hospitals. For example, patients can be treated in a tertiary hospital, and in terms of bridging fees, if the bridge fee in a general hospital is 800, the bridge fee in a Chinese medicine hospital is 500. In terms of reimbursement ratio, if the general tertiary hospital is reimbursed 50%, if the hospital is a Chinese medicine hospital, the reimbursement rate is 55%.

5.5. Set up TCM Day Wards

For patients who meet the conditions for hospitalization, but do not need to be in the hospital during the non-treatment period, such as acupuncture treatment, under the premise of the medical institution, they can go home after the end of the treatment on the same day, and can still enjoy medical insurance reimbursement, and the patient's nursing fee and bed fee can be charged at 30% of the normal. The establishment of the day ward of Traditional Chinese medicine not only saves a series of costs brought by hospitalization for inpatients who enjoy medical insurance reimbursement, but also alleviates the suffering of the shortage of bed resources in most hospitals, and also saves the national medical insurance funds. It has achieved a win-win situation for the development of traditional Chinese medicine, patients, medical insurance and medical institutions.

5.6. Cover the Establishment of A Centralized Distribution Center for Chinese Medicine Tablets

In order to solve the problems of insufficient grass-roots Chinese medicine talents, backlog of Chinese medicine inventory, and uneven quality of Chinese medicine, and standardize the treatment of traditional Chinese medicine, Weihai City has taken the lead in the province to set up 4 centralized distribution centers for Chinese medicine tablets in Wendeng District, Rongcheng City, Rushan City and urban area. The centralized free distribution of traditional Chinese medicine tablets in the whole city, district and county has been fully covered. And each distribution center is equipped with a fully automatic pill grasping machine and decoction machine, which improves the efficiency of grasping and decocting medicine. Through the Internet + service model, network distribution is realized, and the square opened before 10 o'clock every day is delivered on the same day, and the good square opened after 10 o'clock is delivered the next morning.

In order to standardize the dispensing and decoction of medicines, while realizing electronic mechanization, each distribution center is equipped with professional Chinese medicine pharmacists to participate in the whole process of supervision of the acceptance, storage and maintenance, review and verification of Chinese medicine tablets. Implement the "six unification" model of procurement, review, frying, distribution, traceability and supervision. It makes primary medical services more convenient, and at the same time saves the human and material costs of primary medical institutions[3].

5.7. Establish A Project to Benefit the People with Appropriate Technology of Traditional Chinese Medicine

Weihai City launched the 2021-2025 TCM Appropriate Technology Project Action Plan for the Benefit of the People, and carried out TCM appropriate technology experience activities and TCM health science popularization and education activities for the grassroots people. Long-term and comprehensive free moxibustion experience activities have been carried out at the grass-roots level. According to statistics, as of now, the number of people serving moxibustion experience activities has exceeded 400,000, and the number of people who insist on using moxibustion has exceeded 70%, of which 36% of the population has spent a lot less on medical treatment than in previous years. This reflects that moxibustion has improved the people's ability to prevent diseases and achieved the effect of traditional Chinese medicine in curing diseases. Through this activity, more people have truly felt the good efficacy of Traditional Chinese medicine in disease prevention and treatment.

6. Research Data Analysis

In view of the theme of Weihai Medical Insurance "Pricing in Kind" to "Pricing with Technology" to Help the Development of Traditional Chinese Medicine under the background of "National Comprehensive Reform Experiment of Traditional Chinese Medicine", the team distributed online and offline research questionnaires to Weihai Medical Insurance Bureau, Weihai Municipal Health Commission, Weihai Municipal Hospital of Traditional Chinese Medicine, Wenden Osteopathic Hospital, Weigao Square citizens and the majority of netizens, and collected a total of 300 questionnaires, and the team selected several representative questions for analysis and obtained the following results:

After excel and spss data analysis, the results show that the relevant medical insurance staff and TCM medical staff are more aware of the TCM medical insurance reform in the national comprehensive reform of TCM, and the patients are more aware of it, and the understanding of other groups is lower. This shows that the medical insurance staff and inpatients have a relatively good understanding, and the implementation of traditional Chinese medicine medical

insurance in Weihai is better, and this situation is mostly limited to the staff and patients who have experienced the policy of benefiting the people, and the popularization work at the public level has yet to be carried out. The opportunity for Weihai City to establish the National Comprehensive Reform Pilot Zone for Traditional Chinese Medicine is the opportunity of the reform of traditional Chinese medicine medical insurance "pricing in kind" to "pricing with technology" led by Wenden Osteopathic Hospital's pioneering closed needle therapy. Most people believe that the development of local Chinese medicine mainly depends on the introduction of national policies and the implementation of relevant departments, and most people believe that although there are some factors hindering the development of Chinese medicine, such as some people think that the price is a bit high, the scope of medical insurance reimbursement is too narrow, etc., the overall direction of the development of Chinese medicine in the surrounding environment is gradually getting better, and the appeal of residents to Chinese medicine is gradually increasing. In general, the relevant activities of Weihai to build a national comprehensive reform pilot zone for traditional Chinese medicine have been carried out well.

7. Summary

As the builder of the first national comprehensive reform pilot zone for traditional Chinese medicine in Shandong Province, Weihai Actively innovates measures to support medical insurance reform in traditional Chinese medicine, explores new ways of traditional Chinese medicine health service industry, and is committed to achieving a multi-win-win model of traditional Chinese medicine development, patients, medical insurance institutions and medical institutions.

Acknowledgments

Fund Project: Shandong University of Traditional Chinese Medicine Student Research Training (SRT) Program (S202110441022).

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