

The Comparison of Chinese Traditional Medicine and Western Orthopedics

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Abstract: With the vast development of the modern medic, Chinese Traditional Medicine has gone out of people's sight. With the investment from the government, the CTM would be able to express its ability and start to flourish again. The CTM has been used for healing for more than 2300 years, with the mature diagnosis, cure, and medicine making. It contains the strong ability to cure the patient thoroughly and even have a better result than modern medicine. In the world that western medicine dominates the world, it is needed to have such a robust system.

1. Introduction

The Chinese Traditional Medicine (MTC) had already become a well-developed medic system. Nevertheless, nowadays, people start to forget the technology that passes down from their ancestors. Recently, people are more willing to use western medicine and chasing leading-edge technology. While recently Chinese government had paid more focus on the intangible cultural heritage, which is vanishing. This brought up an excellent period for Chinese traditional medicine to flourish. The money that government invests in had also brought an economic effect.

2. Review of Intangible Cultural Heritage (Ich)

2.1 Intangible Cultural Heritage

While having a great cultural heritage is very important to our cultural continuity, such as the great pyramid. There is something that can be successful, not physically, but something like a movement. Intangible cultural heritage is different from cultural heritage. It belongs to movements or traditions or living expressions such as oral traditions, performing arts, social practices, rituals, festive events, knowledge, and practices concerning nature and the universe or the knowledge and skills to produce traditional crafts [1].

2.2 Intangible Cultural Heritage in Chinese Traditional Medicine

The CTM has taken a big part in China's intangible cultural heritage. The Chinese traditional medicine originated 2300 years ago, along with the famous CTM medical works "Huangdi Neijing." The CTM includes many techniques such as acupuncture, bone setting, medicine, external applications. These all go with the idea of "Homeostasis" and view the human body as a whole. Which illnesses are the unbalance of the body. Adding weights to the balance of the body to make it even is the primary job of CTM.

3. Difference between Traditional Chinese Orthopedics and Western Orthopedics.

3.1 What is Tcm Orthopedics

Traditional Chinese Orthopedics focuses more on self-healing, which is similar to getting outside focus to increase the recovery rate. For example, in traditional Chinese orthopedics, there is nearly no

doctor operate an Invasive surgery. Since these doctors believe it is harmful, it requires a lot of “energy” to recover. As a result, traditional Chinese doctors may use some skills like external medicine or bone setting to cure injuries. External medicine used to be an essential part of traditional Chinese orthopedics; however, it is getting lost during these years. External medicine tends to increase the rate of self-healing. It usually contains many stimulants to promote cell division and cell growth, similar to a growth factor. The bone setting is considered to be the basis for the development of modern chiropractic and osteopathy. The traditional bone setting is a holistic care process to cure the balance of the skeleton, muscles, and joints [2] by using actions like “push,” “Pull,” and “hit” to put the bone back. Before the advent of chiropractors, osteopaths, and physical therapists, bonesetters were the primary providers of this type of treatment.

3.2 Western Orthopedics

Orthopedics is a branch of medicine that focuses on the care of the musculoskeletal system. This system comprises muscles and bones and joints, ligaments, and tendons [3]. The modern orthopedics majorly focus on “forced to rest,” which ensure the injured body part are not moving and provides a suitable environment for the tissue to grow. With a better understanding of the human body through anatomy and physiology, the doctors could be able to define and solve the problem in a more systematic.

3.3 Compare the Difference between Western Orthopedics and Ctm Orthopedics

Each part has its advantage. Western orthopedics is focused on the database, while the CTM is experimental. While in a hospital, the CTM will more likely define the sickness by knowing the current body conditions, such as bone shape and weight. The stander of sickness is not fixed, which could be different for different individuals. However, on the other side, western orthopedics define illness through data such as X-rays and the amount of a particular cell. Which they do have a clear stander to treat patients. Moreover, CTM Orthopedics does not have the problem of non-healing wounds. As there are millions of different combinations of medicine, there are many of them.

4. Cost of Treatment

4.1 The Cost of Using Western Treatment

Typically, a broken bone is expensive since it needs much money to hire a doctor, and it is expensive to buy all the machines. That is why for no health insurance, the diagnosis and treatment for a broken arm that does not require surgery generally run up to \$2,500 or more. Without health insurance, a broken arm generally costs about \$16,000 or more [5].

4.2 The Cost of Using Ctm Treatment.

The cost for a CTM doctor to heal a broken bone is relatively cheaper compared to western Orthopedics. For no health insurance, the cost of diagnosis and curing for a broken arm is often around \$300~\$900 [4]. This low price is because Chinese doctors can connect the broken bones with their bare hands without surgery. Also, the CTM doctors will not use gypsum materials instead of wood and plastic, which reduces the cost.

4.3 Comparison

The cost of western Orthopedics is much more expensive than CTM doctors. Because it cost a lot to be a western doctor, but it cost relatively less to become a CTM doctor. Also, the number of western doctors is less than the CTM doctors, increasing the price. The CTM could solve the illnesses at a relatively lower cost, which gives the patient a broader space to choose and more opportunities to cure their illness.

5. The Influence of Ctm

5.1 Expenditure

The personal cost of getting a diagnosis from a CTM doctor is around \$30, for the further spending of medicine and service is usually no more than \$150 in China. The average income in a low-tier city in China is about \$600, excluding the cost of living. An ordinary family would be able to afford the cost of a broken bone. However, they were not able to afford the cost of western Orthopedics. In this situation, more people should be willing to choose CTM to cure their illnesses.

Also, due to the government's investment, the money supply will increase according to the money multiplier effect. While the CTM has always been a positive externality and it has been significantly underestimated. With the additional monetary support, the CTM can be flourish again and produce a social benefit.

5.2 Profit

The majority cost of visiting a CTM doctor is the cost of diagnosis and medicine. The cost of diagnosis is around 20~40\$, and the medicine price is \$30~ to \$100 for a course of treatment. However, the cost for a doctor to produce this is low, which means a high profit. The medicine is made from plant and animal tissues, which does not cost much to get. Also, the doctor could provide diagnoses of more than 30 patients per day. Moreover, the valuable thing is the prescription made by each doctor. As a result, CTM could produce many profits.

5.3 Ability

The CTM Orthopedics could cure many diseases that western Orthopedics cannot. For example, a diabetes patient's toe is going to necrosis. The suggestion of western orthopedics is to cut off the necrosis toes. However, a CTM doctor Xiaoming Xu cure this patient by only using the medicine of external application. "CTM could heal the majority of the unhealing scares problems if the healing process in time," said Dr.Xiaoming. For a bone broken problem, using external medicine after the doctor replot the bones could increase the healing speed and decrease the patient's pain.

5.4 Market

The amount of customer that needs bone setting is enormous globally, and there are 44million people in the U.S. get Osteoporosis. However, the number of doctors in this area is less than 26,000 Orthopedics in the U.S. [6]. The demand is much bigger than the supply of Orthopedics treatment. In which the market of CTM doctors to take in is extensive and efficient.

6. Conclusion

The CTM can produce effective treatment while facing a bone problem. With the low price and the high healing speed become more and more favorable. More and more CTM doctors are choosing to diagnose together with Western technology, increasing the capability and accuracy of CTM doctors. Even though western medicine contains lots of detailed data and standard measurements, the CTM doctor is more customized and fixable for most people.

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