

Thoughts on the Training of Traditional Chinese Medicine Thinking for Students of Science of Traditional Chinese Medicine Major

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Abstract. As a part of Chinese traditional culture, the specific thinking of traditional Chinese medicine is the source power of its production and development, however, in the actual teaching of colleges and universities, due to the lack of dominant position of traditional culture and the status quo of diversified culture, with the establishment of the modern higher education model and the teacher groups lack cognition for the Chinese medicine thinking, which make the students of science of traditional Chinese medicine major lack understanding and application for traditional Chinese medicine thinking, colleges and universities should clearly understand that it is a problem that must be solved in the inheritance and development of traditional Chinese medicine.

Keywords: traditional Chinese medicine thinking, talent training, higher education.

1. Introduction

The science of Chinese traditional medicine is an important part of Chinese medicine; and it is a discipline in which people understand nature and self, its theory is continuously expanded and verified in practice, after thousands of years, its production and development have always been influenced by the whole cultural system, it has integrated with Chinese traditional culture and philosophy and has formed a unique way of thinking, it is precisely because of the use of this kind of thinking people can explore nature, promote the continuous advancement of traditional Chinese medicine, and gradually manifest its great scientific, social and economic value. However, due to the entry of Western culture and the establishment of the dominant position of modern science and technology since modern times, modern scientific mode of thinking has had a great impact on the students of science of traditional Chinese medicine major, which will directly affect the inheritance and development of this discipline. Therefore, colleges and universities should carry out the talent training of science of Chinese traditional medicine according to its unique theories and thinking, faced with training traditional Chinese medicine talents, the first is to train talents under the premise that its inheritance, uniqueness and advantages are guaranteed, it is necessary to adhere to the principle of "Inheritance with characteristics, innovation with foundation and service with ability" for science of Chinese traditional medicine[1].

2. Cultural Environment of the Students has Changed

Because Western civilization and the modern technology generated gradually occupied the dominant position after the industrial revolution, especially in modern times, with the influx of Western civilization, Chinese traditional culture gradually became marginalized, many ingredients of which have been reassessed by Western cultural standards, and the traditional thinking mode gradually lost the soil for survival and development, the Chinese attitude toward Western things was initially rejected, and gradually accepted Western learning and even required "total westernization" [2]. Even now diversified cultural integration has become the cultural environment faced by students of science of traditional Chinese medicine major, especially after years of modern science culture training and education; students have laid the thinking foundation of modern science, faced with theories of traditional Chinese medicine two thousand years ago, strange language, expression and meaning, students cannot adapt at once, cannot find the necessary logical relationship, they are used to or unconsciously using their familiar modern scientific abstract logic to redefine and understand

the concept of traditional Chinese medicine, strive to establish a modern mathematical relationship like mathematics, materialize the concept of traditional Chinese medicine, but this thinking process is precisely impossible to understand the basic theory of traditional Chinese medicine. Moreover, what is more important is the extreme lack of students' traditional culture, they do not have the ability to identify the cultural nature, lose balance on the natural and social attributes of research objects of traditional Chinese medicine, they can only rely on rote for most basic theories and concepts and cannot understand them correctly. Moreover, due to the difference of Chinese and western thinking and knowledge in the concept and interpretation of the same object, students accept two theories at the same time, conflicts of understanding appear during the period, and this has produced a series of learning negative effects.

3. Change of Educational Models

At present, the modern higher education of science of Chinese traditional medicine has replaced the talent training way of thousands of years of apprenticeship and hereditary system [3], this way is the mainstream form of traditional Chinese medicine talent training for thousands of years, it is an "elite" educational model, On the basis of inheriting the classical theory and long-standing practice of traditional Chinese medicine, the teacher lets the students form their own unique thinking mode, then have some thoughts, and constantly develop and innovate this discipline. At present, higher education of traditional Chinese medicine in China is a modern college-type education; this educational mode was introduced into China from the West, its educational idea is quite different from the talent training of traditional Chinese medicine, one is a discipline based on the unique civilization of the East, its teaching process requires students to be in the broadest traditional culture and philosophy atmosphere, give priority to systematically accept and inherit traditional theories and technologies, pursue classics, utilize the unique thinking mode, use the existing knowledge system and experience to comprehend the secret of it, so as to carry out medical practice; the other is an educational system based on modern science and technology and culture, which seeks to let students acquire the latest theory and knowledge as much as possible, practice the most advanced and effective technology, and update the old knowledge, thus can continuously innovate and develop. Although the former has many limitations, the mainstream model in the history of traditional Chinese medicine education has greatly promoted the development of traditional Chinese medicine. The latter is the main way of training science of Chinese traditional medicine talents in China at present, after decades of development, the scale effect has produced a huge bonus, provide the country with a large number of outstanding talents, and lay the foundation for the prosperity of the traditional Chinese medicine industry. In the college education, the teachers complete the education process through modern division of labor and cooperation, in many cases; the talent training is carried out according to the programmatic teaching mode, the efficiency is high and has popularization, the number of trained talents can meet the current social development need, this is a point that traditional education methods can't match, but this modern education model separates the original multi-level communication between teachers and students, reduces teachers' own requirements, and makes teachers' educational ideas more rely on limited classroom teaching, the information on the students' thinking, knowledge and skills is not comprehensive..

4. Teachers' Understanding Differences on Traditional Chinese Medicine Thinking

Teachers are the core of university education, play a key role in the talent training, and also have a very important impact on the cultivation of students' thinking. Traditional Chinese medicine thinking is the basis for inheriting, developing, learning and applying science of Chinese traditional medicine this thinking is based on the traditional culture of the Chinese nation, the theory of traditional Chinese medicine as basis, it establishes and forms a thinking habit and way that plays a regular role in the process of understanding life activities, disease patterns, drug discovery, use, and

action[4], This kind of thinking inherits the essence of Chinese traditional culture and is also the embodiment of application of the law of thinking in the field of traditional Chinese medicine. Whether the teacher has traditional Chinese medicine thinking and the understanding extent for traditional Chinese medicine thinking in the teaching process determine the methods in the teaching process and professional emphasis. At present, the teachers in colleges and universities in China mainly come from the graduates of colleges and universities, and their academic qualifications and scientific research training have reached a high level. At present, there are mainly two kinds of faculty in the undergraduate teaching of science of Chinese traditional medicine major; one is the teachers of the basic course, such as mathematics and chemistry, the teachers' own educational experience has almost no traditional Chinese medicine or traditional cultural background, they are relatively unfamiliar to the knowledge and thinking of traditional Chinese medicine, in addition to years of training in modern scientific knowledge and skills, they have accustomed to thinking models based on modern western scientific civilization, which has a certain rejection for traditional Chinese medicine thinking; the other kind is professional course teachers of science of Chinese traditional medicine, they have systematic training of traditional Chinese medicine theories and skills, and however, due to the graduation requirements of modern high-level talents in China, they almost complete the research and exploration of traditional Chinese medicine under the guidance of modern science and technology, and they have accustomed to using modern scientific thinking in practical scientific research, look for the objective basis of traditional Chinese medicine theory from a microscopic angle and verify its correctness, this neglects the integrity of the theoretical system of traditional Chinese medicine, thus deviating from the traditional Chinese medicine thinking[5], resulting in a serious shortage of "Chinese medicine taste" in teaching. In addition, the teaching cognition for students' thinking has not formed a mainstream among the first-line teachers, and the academic circles' research on traditional Chinese medicine thinking only begun from the 1990s, and not fully understands it; there is no consensus in some respects, therefore, it is difficult to carry out the training of traditional Chinese medicine thinking in students.

In recent years, the country has been strengthening support for traditional Chinese medicine, with the rapid revitalization of the traditional Chinese medicine industry; the traditional Chinese medicine industry has risen to the national strategic level [6]. However, compared with the rapid development of western medicine theory and chemical industry pharmacy in the global market since the 19th century, the progress of China's traditional Chinese medicine industry is obviously backward, in order to change this situation, training inherited and innovative talents has become an important task for traditional Chinese medicine colleges and universities. Moreover, we should clearly understand that the inheritance and development of traditional Chinese medicine cannot leave the theory and thinking of traditional Chinese medicine, this kind of thinking is the key to correctly understanding and applying science of Chinese traditional medicine, it is a habitual thinking model that students of science of Chinese traditional medicine major should have in their study and future work, and this kind of thinking can be trained through education. However, due to various reasons above, in the process of college education, the lack or deficiency of students' traditional Chinese medicine thinking training is very obvious. Therefore, the talent training system of traditional Chinese medicine must be carried out in accordance with the unique theories and thinking of traditional Chinese medicine, the trained talents must have inheritance, namely the inheritance not only includes theories and techniques, what is more importantly is unique cultural essence, moreover, we should also have the ability to develop and innovate this discipline to meet the needs of society and industry, only in this way can we inherit and develop this science and give full play to its due advantages. This is the problem that the higher education of traditional Chinese medicine must solve.

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