

## Targeted Research on “Dialectics of Nature” Teaching in Medical Colleges: Basis, Orientation and Path

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**Abstract:** The aim of this study was to improve the political and ideological quality, cultural quality, ability of dialectical thinking and innovation ability of medical postgraduates through the study of natural dialectics course. The article mainly uses the investigation research method. The results suggest that Dialectics of Nature teachers in medical colleges and universities must strengthen their knowledge reserve, integrate theory with practice, improve teaching methods and improve the pertinence of teaching.

### 1. Introduction

Dialectics of Nature plays an important role in improving the ideological and political quality, dialectical thinking ability, scientific and cultural attainments of graduate students as a course of ideological and political theory for graduate students. However, there is a contradiction between more content and less class hours in this course. It is a proposition worthy of deep research and discussion how to grasp the medical theory and the medical practice, improve the pertinence and the actual effect of the course teaching, and make it become the favorite course of the medical graduate students, the life-long benefit.

### 2. The Basis of Improving Teaching Pertinence: Tamping Theoretical Foundation and Strengthening Knowledge Reserve

#### 2.1 Tamp Down the Theoretical Foundation

Dialectics of Nature is an important part of Marxist theory, teachers must carefully read the Marxist classics. Dialectics of Nature teachers are required to read the original works, and understand the process of the emergence, development and perfection of each theory, to grasp Marxism from the integrity of the theoretical system, and to strengthen the Armando of Dialectics of Nature teachers. At the same time, teachers should study the latest theoretical achievements of Marxism, understand its theoretical connotation, spiritual essence, practical requirements, and enhance the leading power of theoretical armed forces. As Marxism said: If a theory persuades people, it can control the masses; if a theory is thorough, it can convince people [1].

#### 2.2 Strengthen Our Knowledge Reserves

The Dialectics of Nature is broad and profound, requiring teachers to read extensively about the relevant works of the Dialectics of Nature, and to work hard on the breadth of knowledge. As the saying goes: to give students a cup of water, the teacher must have a bucket of water, and this bucket of water must be constantly updated with the times, rather than the old water. Dialectics of Nature is a comprehensive subject, not only related to philosophy, history of science and technology, but also including knowledge of traditional Chinese medicine, Western medicine, pharmacy, philosophy of medicine, medical ethics and other medical fields in medical colleges and universities. Dialectics of Nature teachers are required to acquire knowledge of various subjects, to bridge the gap between Dialectics of Nature and medicine, to guide medical practice, and to improve the pertinence and effectiveness of teaching.

### **3. To Improve the Guidance of Teaching Pertinence: to Conduct the Mainstream Consciousness and Strengthen the Value Function**

Dialectics of Nature is the main channel of ideological and political education for graduate students in colleges and universities, which has distinct ideological attributes and political colors [2]. Teachers should first make it clear that Dialectics of Nature is an ideological and political course, not a didactic course; it is an ideological and political theory course, not a mere information dissemination course. The aim of teaching is to educate the graduate students to accept and identify with the mainstream ideology of socialism, so as to restrain themselves in ideal and faith, political attitude, value standard and behavior norm, internalize in the heart and externalize in the behavior. Therefore, it is necessary to improve the pertinence of teaching by highlighting the ideological nature.

#### **3.1 Clarify Class Nature**

As a philosophy course, Dialectics of Nature belongs to the base and superstructure of ideology, which represents the will and desire of the proletariat and has distinct class attribute. The purpose of study is to serve the people, to maintain the political position of putting the people first at all times, and to struggle for the liberation of the proletariat [3].

#### **3.2 Adhere to the Political Nature**

Mao Zedong pointed out that young people should put a firm and correct political direction in the first place. Political Nature is the essential attribute of the Dialectics of Nature, and sticking to political nature is the primary task of the Dialectics of Nature. The Dialectics of Nature must answer and resolve the fundamental question of who to train, how to train and for whom [4]. It must keep a firm political direction, adhere to political principles, complete its political mission and improve its political standing.

#### **3.3 Strengthen the Value of Sex**

The Dialectics of Nature curriculum is not only aimed at developing the intellect, imparting knowledge and so on, but also shaping personality, refining human nature and other values of education as the main guide. The dialectical relationship should be well handled, i. e. knowledge as the carrier and value as the core between knowledge and value in the teaching of Dialectics of Nature in medical colleges and universities [5].

### **4. Ways to Improve Teaching Pertinence: Combining Theory with Practice, Innovating Teaching Methods**

#### **4.1 Facing Medical Problems Head-on with Medical Practice**

##### **4.1.1 Close to Medical Dialectics**

The dialectical contents in medicine are very rich, including the dialectical process of normal life activity, the dialectical process of disease occurrence and development, the dialectical relation of Disease Diagnosis and prevention and cure, and the dialectical relation of the combination of Chinese and Western medicine. For example, in teaching the methodology of science and technology, in addition to explaining the general principles, concepts and viewpoints of the methodology of science and technology, the dialectical content of medicine should be discussed in the light of the nature of the discipline and the professional characteristics of the postgraduates in medical colleges and universities. So as to improve the theoretical thinking level of medical postgraduates [6].

##### **4.1.2 Strengthen the Consciousness of Medical Humanities**

Dialectics of Nature is one of the few humanities and social sciences courses for medical graduate students. It reflects on science and technology, including medical science and technology, from the perspectives of philosophy, society and history. For many years, it has been carrying the important mission of humanistic education and has become an important way to cultivate the humanistic care

and spirit of medical postgraduates [7]. Therefore, it is necessary to carefully design the teaching contents, highlight the life ethics, focus on the humanistic thinking, explore the virtue coordinates, strengthen the humanistic consciousness, and make graduate students realize the special significance of humanistic care in medical practice and then realize the spiritual mark and value of medical humanistic care.

#### **4.1.3 Pay Attention to the Cultivation of Innovative Ability**

The goal of the Dialectics of Nature teaching reform is to improve the ideological and scientific quality of students. Through the teaching of the Dialectics of Nature, not only will the medical postgraduates understand and master the basic knowledge of Dialectics of Nature, the ability of medical postgraduates to research, analyze, apply, reorganize, construct new knowledge, new ideas, new technology and new products should be emphasized. For example, in the part of science and technology methodology, by making students understand the convergence and divergence of thinking, logic and non-logic, transplanted, cross-cutting and other innovative thinking methods, especially in the context of specific medical cases, so as to improve the medical master's innovative consciousness, innovative thinking and innovative skills [8].

#### **4.2 The Teaching Method of the Unification of the Creative Leading and the Main Body**

The emphasis on teacher's dominance is to change the situation of teaching with no one participating in the teacher's Soliloquy by gradually taking the textbook and teacher-centered teaching method. Teachers' leading role is mainly reflected in the guide, designer, participant and evaluator of students' learning, which requires teachers to have strategic vision, control the classroom with the role of chief designer, and arouse students' enthusiasm to the maximum.

Dialectics of Nature has a tight logical structure, and teachers should grasp the unity and integrity of teaching contents from the historical, theoretical and practical perspectives. Teachers should clarify the emergence, change and development of the Dialectics of Nature System from a historical perspective; Teachers should make clear the theoretical origin, theoretical connotation, theoretical characteristics and requirements of Dialectics of Nature from the perspective of theory; Teachers should make clear the relationship between Dialectics of Nature and the development of the times and practice, and grasp the theoretical discourse of Dialectics of Nature and Chinese discourse in terms of the reality dimension.

#### **4.3 Innovating the Teaching Method with Students as the Main Body**

##### **4.3.1 The Method of Special Subject Lecture**

This can be done either by the teacher choosing a topic based on the content of the course and by the student working around the topic, or by the student choosing a topic based on the actual knowledge of the Dialectics of Nature. The special topic must realize the organic combination of the theory plate and the medical practice discourse, and work hard on the pertinence and the actual effect. Here are some of the questions posed in the classroom:

The problem of Dialectics of Nature and TCM and wm; the relationship between the theory of Primordial Qi and atomism and its influence on the development of TCM and wm; the difference between the relationship between Heaven and man in TCM and wm and its influence on the medical model; the debate on the scientific nature of TCM; misconduct in Scientific Research and its enlightenment to medical students; the development of high and new technologies in medicine and its ethical and moral problems; what contribution should medical postgraduates make in the process of building a strong country in science and technology in the world?

##### **4.3.2 The Method of Expert Interview**

The method of expert interview is a basic research method to understand the information of interviewees by face-to-face conversation. The interviewees may be academicians, scientists, engineers, chief experts, as well as masters of Traditional Chinese medicine, famous old Chinese medicine, tutors and teaching masters of medical schools. The topics of interview must be related to

the teaching content, such as science and Technology Story, scientific research method, clinical experience, scientific research experience, clinical medical records, etc. The following are some of the teaching materials of this semester's graduate expert interviews:

POST-GRADUATE A. The interviewee is a master of Chinese medicine. The interview topics are: How to treat the Westernization of Traditional Chinese Medicine? Is the black box method of traditional Chinese medicine necessary to be white box? Graduate Student B. The subject is a Chinese medicine doctor of acupuncture and massage. Topics: The mechanism of acupuncture therapy, the characteristics of dialectical treatment and the pros and cons. postgraduate

The subject is a scientist, the topic of interview: How to select the topic? Please talk about your ideas and experience in the research of new drugs. Graduate Student 4. The interview was conducted with the tutor on the topic: the Tutor's experience in the treatment of liver cancer.

### **4.3.3 The Teaching Method of Medical Record Analysis**

The medical record can reflect the academic thoughts of the doctors and the records of the treatment based on syndrome differentiation. The teachers can adopt the teaching method of medical record analysis in the third chapter of the Dialectics of Nature Marxism's teaching of scientific and technological methods To Guide medical graduate students to analyze and study the classic medical records. Medical postgraduates are required to analyze medical records by means of dialectical thinking methods such as induction and deduction, analysis and synthesis, abstraction and concreteness We can also analyze the convergence and divergence, abstraction and visualization, logic and non-logic and other innovative thinking methods in medical records. By analyzing various phenomena and perceptual details in medical records, this paper sums up the characteristics of doctors' syndrome differentiation and treatment, the characteristics of drug prescription, and probes into the essence and law hidden in medical records, so as to better serve scientific research and clinical practice.

## **5. Conclusion**

To sum up, improving the teaching pertinence of the Dialectics of Nature course is a systems engineering, which needs the professional dedication of the teachers as well as the hard work of the medical graduate students It also needs the cooperation and active promotion of the relevant departments in universities.

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