

Empirical Analysis of the Cultivation of Socialist Core Values in Practice: Based on the Survey of Medical Students' Summer Social Practice

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Abstract: To make an empirical analysis on the cultivation effect of socialist core values of medical students in daily life practice in the new era. Taking Tianjin medical students as an example, a questionnaire survey was conducted, and a logistic regression analysis was made on their summer social practice and their cultivation effect on socialist core values. Students participating in summer social practice have statistical significance in attribute variables such as the sense of practical gain, professional emotional identity, value identity reinforcement, the willingness to volunteer participation, ideal and belief choice, indicating that the core values of socialism can be effectively transformed into students' emotional identity and behavior choices in practice. We should pay full attention to the practical cultivation of socialist core values, broaden practice channels, optimize practice content, enhance the sense of practical gain, and improve the practical cultivation mechanism of socialist core values.

1. Introduction

The report of the 20th National Congress stated: "Widely practice socialist core values... Integrate socialist core values into the construction of the rule of law, social development, and daily life." On July 12, 2021, "the Opinions on Strengthening and Improving Ideological and Political Work in the New Era" also emphasized: "Cultivate and practice socialist core values, strengthen education guidance, practical cultivation, and institutional guarantees, and promote the integration of socialist core values into social development and the lives of the people." The above documents show that the identification with socialist core values must eventually be integrated into social life and cultivated in daily life practice. practical cultivation is an important part of the cultivation and practice of socialist core values.

2. Definition of the Concept of Cultivating Socialist Core Values in Practice

Regarding the understanding of "practice and cultivation", the General Secretary pointed: "For a value to really play its role, it must be integrated into social life, so that people can perceive it and understand it in practice. We must pay attention to closely linking what we advocate with people's daily lives, and word hard at details, small things, and implementation". This passage points out the core meaning of practical cultivation. On August 18, 2022, a series of news conferences themed "China's Decade" once again proposing to "adhere to the combination of penetration and integration, implement small details, and constantly promote the construction of socialist core values". The goal of practical cultivation is to make a kind of values play a real role. The field of practical cultivation is daily life practice. The key of practical cultivation is to be detailed, small and implemented. The essence of practical cultivation is to perceive and comprehend the socialist core values in practice, and then determine the will and action. Therefore, perception, comprehension, willingness and action can be used as the measurement dimensions that operationalize the concept of "practical cultivation".

The relevant research on the practical cultivation of socialist core values also believes that "practical cultivation" is the process from perception and understanding to the formation of will and action of socialist core values in daily life practice. Some scholars have pointed out that the practical cultivation of socialist core values focuses on grasping the three key development links of acquisition and acceptance, promoting action with knowledge, and cultivating morality through practice [1]. The logic of value formation is not only the mastery of knowledge, but also a process from cognition, experience, emotion, will, behavior, belief to faith [2]. For socialism core values to play a positive role, it is necessary to transform the theoretical system into people's emotional identity, practical consciousness and behavioral habits under the new conditions of the era [3]. The practical cultivation of daily life plays a vital role in the process of cultivating socialist core values for college students in the new era, which is mainly reflected in three aspects: study practice, propaganda practice and participate social practice [4]. The main place for college students to practice and cultivate socialist core values is on campus, but it is far from enough. The resource place of Chinese stories and the practical cultivation place of socialist core values are connected and convenient in location [5]. In terms of cultivating core values of medical students, it is believed that we should combine the prevention and control of the COVID-19 to cultivate the socialist core values of medical students with vivid and fresh examples of anti-epidemic, not only to make the curriculum no longer abstract, but also to take the epidemic as an opportunity to let the socialist core values take root in every medical student's heart, and to strengthen their faith and original intention [6].

In summary, the research results have basically discussed the connotation, field, form, and path of college students' practice of socialist core values. The cultivation of the socialist core values of college students in the new era emphasizes that it is a process of practical cultivation or recognition involving knowledge, emotion, will, and action. Aiming at the cultivation of core values of medical students, combined with the current epidemic situation, the significance of medical students' anti-epidemic practice and volunteer service to the cultivation of socialist core values was discussed. However, there is still a lack of empirical research on the practical cultivation of socialist core values of medical students in the new era.

3. Measurement of Practical Cultivation of Socialist Core Values

3.1. Description of Survey Sample

Table 1 Major and practical participation of respondents.

Major	Students in medicine n(%)	Students in pharmacy n(%)	Students in nursing n(%)	Students in other medical-related majors n(%)	Total (%)
Involved in practice	693(78.90)	329(60.80)	376(76.10)	353(65.90)	1751(71.50)
Not involved in practice	185(21.10)	212(39.20)	118(23.90)	183(34.10)	698(28.50)
Total	878(100.00)	541(100.00)	494(100.00)	536(100.00)	2449(100.00)

Combined with the participation of medical students in anti-epidemic practice and summer social practice, the questionnaire "Medical Students' Life Practice and the Cultivation of Socialist Core Values" was formulated and investigated with the theme of the cultivation effect of medical students' practice on socialist core values. The medical students in this survey include students in medicine, pharmacy, nursing and other medical-related majors. Based on the large differences in the number of students in each college, the Lahiri method was used to conduct unequal probability sampling. 2,700 questionnaires were distributed through the Internet, and 2,449 valid questionnaires were recovered, with an effective recovery rate of 90.7%. The number of students in different majors and the proportion of practice in participating units are shown in Table 1. This practice mainly refers to the practice conducted by students in contact with formal units, and does not include other non unit practice forms that students participate in on their own. On the whole, more than 70% of the students have found units to practice during the summer vacation. The data were

entered into IBM SPSS 26 for statistical analysis. The Cronbach's Alpha coefficient value of the consistency measurement of several indicators such as emotion, will, attitude and behavior developed based on socialist core values is 0.886, and the reliability of the questionnaire is high.

3.2. Variable Description

The measurement of the practical cultivation of socialist core values not only includes the strengthening of the recognition of national and social values, but also includes the formation of individual core values. According to the above-mentioned definition of the concept of the practical cultivation of socialist core values, its main measurement dimensions are operationalized into five aspects: perception, emotion, identity, will and behavior, and are concretized into five indicators: the sense of practical gain, professional emotional identity, value identity reinforcement, the willingness to volunteer participation and ideal and belief choice. The sense of practical gain mainly measures students' cognition of the importance of summer social practice, whether they have experienced the satisfaction and pleasure of learning in practice, and evaluate the value of practice. Professional emotional identity mainly measures the extent to which students' emotional identification with their major is strengthened through practice, whether practice makes students more aware of and like their major, and whether students are more determined to regard their major as their life's struggle, thus reflecting their professionalism. Value identity reinforcement is mainly aimed at students with different practice contents. In the specific practice process, it measures the extent to which students' recognition of socialist core values has been improved or strengthened through specific situation description. For example, in the anti-epidemic related practice or community practice, students have seen or perceived the free vaccination and free nucleic acid screening for the whole people, as well as the realization of universal medical insurance and medical care for the sick. Whether they can further identify with the core values of prosperity, democracy, equality, justice, patriotism, and dedication, or experience the core values of freedom, rule of law, civilization, harmony, integrity, and friendliness in the practice of practicing medicine in accordance with the law, orderly medical treatment, and doctor-patient communication. The willingness to volunteer is mainly to measure the willingness and behavioral orientation of students after the core values are strengthened, and the measurement option is specifically described as whether they will actively sign up to participate in the frontline of the fight against the epidemic or where other countries and people need it most to play a role, and become a retrograde person who stands up in the face of danger. Ideal and belief choice mainly measures the belief choice and behavior performance of socialist core values recognized and implemented in life values. Specifically, it measures whether students will choose to go to the place where the motherland and the people most need to realize their own values of life in the future work, or will consider more other factors such as working environment or salary treatment.

3.3. Logistic Regression Analysis

With "whether to practice" as the dependent variable, and "The sense of practical gain", "Professional emotional identity", "Value identity reinforcement", "The willingness to volunteer participation", and "Ideal and belief choice" as the independent variable, binary logistic regression analysis was conducted. The internal code value "0" of the dependent variable is Yes, and "1" is No. The output results showed that if the predicted covariates were used to predict whether students would participate in summer social practice, the prediction would have a significant statistical effect ($P < 0.01$). Omnibus test showed that the Logistic model was statistically significant ($P < 0.01$).

The results of binary logistic regression analysis for all samples are shown in Table 2. As far as the individual effects of each independent variable on the comprehensive impact of all independent variables are concerned, the individual effects of the five independent variables are statistically significant.

Table 2 Logistic regression analysis results of full samples.

Variable	Coefficient	Standard deviation	<i>P</i>	<i>OR</i>
The sense of practical gain	1.020	0.119	0.000	2.773
Professional emotional identity	0.220	0.098	0.025	1.246
Value identity reinforcement	0.699	0.120	0.000	2.012
The willingness to volunteer participation	0.521	0.115	0.000	1.683
Ideal and belief choice	0.263	0.113	0.020	1.301
Constant	-5.537	0.221	0.000	0.004

Table 3 Logistic regression analysis results of grouped samples.

Variable	Coefficient	Standard deviation	<i>P</i>	<i>OR</i>
Medicine				
The sense of practical gain	0.871	0.368	0.018	2.388
Professional emotional identity	1.062	0.263	0.000	2.891
Value identity reinforcement	1.093	0.369	0.003	2.984
The willingness to volunteer participation	0.716	0.315	0.023	2.046
Ideal and belief choice	0.982	0.281	0.000	2.669
Pharmacy				
The sense of practical gain	0.484	0.277	0.080	1.623
Professional emotional identity	0.761	0.250	0.002	2.140
Value identity reinforcement	0.624	0.243	0.010	1.867
The willingness to volunteer participation	0.552	0.273	0.043	1.736
Ideal and belief choice	0.554	0.250	0.027	1.741
Nursing				
The sense of practical gain	1.070	0.246	0.000	2.914
Professional emotional identity	0.065	0.229	0.776	1.067
Value identity reinforcement	0.866	0.270	0.001	2.376
The willingness to volunteer participation	-0.547	0.237	0.021	0.578
Ideal and belief choice	0.541	0.246	0.028	1.717
Other majors				
The sense of practical gain	1.018	0.291	0.000	2.766
Professional emotional identity	-0.313	0.172	0.068	0.732
Value identity reinforcement	0.519	0.225	0.021	1.680
The willingness to volunteer participation	1.106	0.213	0.000	3.021
Ideal and belief choice	-0.666	0.281	0.018	0.514

Considering that this survey involves four groups of medicine, pharmacy, nursing and other majors, a comparative group study was conducted on the basis of majors. The output results are shown in Table 3. The independent effects of the five independent variables are not all significant for students of different majors. Among them, the practical sense of gain of pharmaceutical students is not statistically significant ($P>0.05$), the improvement of the practical sense of gain of pharmaceutical students is not necessarily an attribute of students who participate in summer social practice. Similarly, for nursing students and students of other majors, the improvement of professional identity is not necessarily an attribute of students who participate in summer social practice, and the statistics are not significant ($P>0.05$).

3.4. Result Analysis

As far as all the respondents are concerned, the five attribute variables that students should have

after participating in summer social practice in the theoretical hypothesis: "The sense of practical gain", "Professional emotional identity", "Value identity reinforcement", "The willingness to volunteer participation", and "Ideal and belief choice" have statistical significance. The regression equation is:

$$Y=-5.537+1.020X_1+0.220X_2+0.699X_3+0.521X_4+0.263X_5 \quad (1)$$

Further regression analysis based on majors found that the three independent variables of "value recognition strengthening", "the willingness to volunteer participation" and "ideal and belief choice" were statistically significant for all major types of students. The five independent variables were statistically significant for medical students, while the "sense of practical gain" was not statistically significant for pharmacy students, and the "professional identity reinforcement" was not statistically significant for nursing and other professional students.

In general, for students of all majors, summer social practice can significantly enhance students' recognition of socialist core values, at the same time enhance students' willingness to participate and dedication. It is also more beneficial for students to make correct choices in terms of ideal and belief choices, so as to better realize their life values.

For non-medical and non-nursing students in the medical colleges surveyed, more than half of the students are college entrance examination transfer students, and their professional recognition at the time of admission is not high, and the survey shows that the summer social practice has improved but not significantly changed this situation. In particular, the professional recognition of the nursing major is poor, and many students choose this major only for the expediency of employment, and cannot really identify with it and work hard as a lifelong career. There is no significant difference in the sense of practical gain of pharmacy students, which is mainly related to the practical content of students, that is, the theoretical knowledge learned has not been applied in practice, and professional knowledge has not been significantly increased through practice. The survey shows that the practice forms of pharmacy students are more flexible and diverse than those of medical nursing majors, among which the more professional practice content includes management or technical work in pharmaceutical enterprises, pharmaceutical marketing internship, hospital pharmacy internship, participation in pharmacy management and marketing, participation in teachers' related subject research, and drug market research. Among the above practice types, students choose pharmacy marketing the most, and this practice form has a lower evaluation of practice gain than other professional-related practice forms. In addition, the practice forms also include social welfare services, anti-epidemic related practices, and college entrance examination volunteer application guidance, etc., pharmacy students do not have a high evaluation of the practical gains in these practice forms.

4. Conclusions and Suggestions

4.1. Practical Cultivation is of Decisive Significance for the Cultivation of Socialist Core Values

Marxist view of scientific practice believes that practice is the basis of cognition, that practice is the source, purpose and power of cognition development, and that practice plays a decisive role in cognition. The survey also further confirmed that college students' practice and internship are of great significance for the promotion of socialist core values. First of all, there is a significant effect on the promotion of the emotional identity of the socialist core values at the national level. Only the emotional identity reflected after practice can finally develop into the will to act and ideal belief. Secondly, the socialist core values at the individual level can only be truly cultivated in practice, and only in practice can we truly understand the core essence of the socialist core values, and can we further believe in them and practice them. Finally, only through practice can we truly integrate the theoretical cognition, emotional identification, willingness to act, ideals and beliefs of the socialist core values, and the strong spiritual power of the socialist core values can really play a role. In short, the identification of socialist core values must be cultivated through practice. Therefore,

universities should pay full attention to the educational significance of practical teaching for the formation of college students' values.

4.2. The logical Starting Point of the Practical Cultivation Path is to Enhance the Sense of Practice Gain

The consistency measurement of the five indicators, including the emotion, will, attitude and behavior of cultivating socialist core values, shows that the five indicators are closely related, and if any one of them is improved, the other indicators will also be improved accordingly. The internal logic of the improvement of value recognition is that the sense of practical gain is the starting point. During this process, through emotional recognition, value recognition and willingness expression, the ideal and belief will finally be formed and put into action. In this practical cultivation path, the sense of practice gain is the most operable at the level of institutional perfection. The survey found that the sense of practical gain is closely related to the content of practice, different students have different evaluations of the sense of practical gain. The more the practice content is consistent with the students' major, the more they will have a sense of practical gain. The more they apply what they have learned in practice, the more satisfied, joyful and successful students will be, and they will identify with their majors emotionally, truly identify with socialist core values rationally, and be more willing to participate in relevant volunteer activities, so that professionalism and dedication can be improved at the same time, and form lofty ideals and beliefs and correct life values.

4.3. Cultivating and Practicing Socialism Core Values Focuses on Improving the Practical Cultivation Mechanism

First of all, establish and improve the relevant system of college students' internship, ensure the safety and gain of college students in the internship, solve the problems encountered by college students in the internship process, enrich the internship platform, build an internship base, and avoid problems such as deviation from internship goals, perfunctory internship process, and falsification of internship reports. At the same time, it can also broaden the channels of practice, such as paying attention to the improvement of the curriculum practice hour system, and actively guiding students to participate in various beneficial social practices. Implement the requirements of "three-whole education", build a long-term mechanism for practical education, especially to avoid the "merit-based theory" in student evaluation, avoid social practice appraisal work becoming a mere formality. In the past two years, various colleges and universities have successively opened theoretical and practical courses related to labor education, and can also focus on enhancing value recognition in labor practice. Finally, we should also pay attention to optimizing the practice field and creating a good internship environment for college students. The survey found that the improvement of college students' identification with socialist core values usually occurs in specific practice situations, such as college students being affirmed and encouraged by supervisors in internships, being recognized and praised by patients in doctor-patient communication, or successfully completing a professional operation and mastering a professional skill, etc. In daily life practice, perhaps a smile and a word of affirmation can make students love their work more, so that they can actively devote themselves to the great cause of building socialist modernization in an all-round way.

In short, according to the General Secretary requirement that "we must pay attention to closely linking what we advocate with people's daily lives, and word hard at details, small things, and implementation", for the practice and cultivation of the socialist core values of medical students in the new era, we should pay attention to the close connection with the daily life practice of medical students, according to the needs and characteristics of medical students and the current background of the times, word hard at details, small things, and implementation, respond to people's practical demands for socialist core values, and solve the bottleneck problem of the cultivation and practice of current socialist core values.

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