



# Exploring the Path of Integrating Ideological and Political Elements into Surgical Clinical Training Courses

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## Abstract

The surgical clinical training course is a crucial component of medical education, serving as a vital bridge for students transitioning from theoretical knowledge to practical application, and from the classroom to clinical practice. It plays an irreplaceable role in nurturing exceptional medical professionals. However, current surgical clinical training programs often emphasize the development of clinical skills while neglecting the significance of ideological and political education. This article aims to explore methods for integrating ideological and political elements into surgical clinical training courses and to identify a series of practical strategies. To this end, this paper proposes the following approaches: First, by incorporating theoretical knowledge related to ideological and political education—such as ethics and social responsibility—we can help students establish a correct outlook on life and values. Second, through the analysis and discussion of clinical cases, we can enhance students' judgment and decision-making abilities while reinforcing their sense of responsibility and mission. Additionally, engaging students in medical teamwork can foster the development of teamwork and leadership skills. Finally, practical activities, such as free clinics and community service, can heighten students' awareness of the social significance and impact of medicine. By implementing these strategies, we can effectively integrate ideological and political elements into surgical clinical training courses. This integration not only enhances students' clinical skills and overall quality but also cultivates their spirit of humanistic care and social responsibility, thereby laying a solid foundation for developing medical professionals who possess both competence and integrity.

## Keywords

Ideological and political elements; Integration; Surgery; Clinical; Practical training courses; Path exploration

## Introduction

In recent years, the development of higher education has shown a diversified trend, not only focusing on imparting subject knowledge and skills, but also on cultivating students' comprehensive quality and social responsibility. As an important position for the builders and successors of socialism, colleges and universities bear the mission of cultivating students' all-round development of morality, intelligence, physical fitness, the United States, and labor. However, in clinical

medical education, especially in the clinical training course of surgery, the integration of ideological and political elements is particularly important and challenging. In the clinical training course of surgery, students need to master clinical skills and improve their professional quality and practical ability (He Hongchao et al., 2022). Surgery involves the life safety and physical health of patients, and the professional ethics and responsibility of doctors are crucial to the safety and treatment effect of patients. Therefore, how to integrate ideological and political elements into the clinical training course of surgery and cultivate students' sense of social responsibility and humanistic care has become an important issue in front of us. The clinical training course of surgery with ideological and political elements not only helps to cultivate students' moral sentiment and professional quality but also can strengthen students' social responsibility and team cooperation ability. Through the introduction of ideological and political elements, students can have an in-depth understanding of medical ethics, laws and regulations, and other related knowledge, and enhance the awareness of respect and protection of patients' rights and interests. At the same time, through the guidance of ideological and political education, students can cultivate teamwork spirit and collaboration ability, and improve the overall effectiveness of the medical team. All these will help students better cope with complex medical situations in clinical practice and improve their clinical practice ability and professional level (Gan Lu et al., 2022). However, it is not an easy task to realize the integration of ideological and political elements in the clinical practical training course of surgery. Therefore, this paper aims to explore the path of integrating ideological and political elements into the clinical practical training course of surgery, so as to provide useful reference for training surgical medical talents with high medical ethics.

## **1. The necessity of integrating ideology and politics into clinical practical training teaching of surgery**

### **1.1 Cultivate the professional quality of medical students**

Medical students, as practitioners in the medical industry, must have a noble professional quality. The integration of ideology and politics into the clinical practice teaching of surgery can guide medical students to establish correct professional ethics. In clinical practical training, medical students will learn to pay attention to the overall health status of patients and respect their wishes and choices. They will learn how to communicate with patients, care about their psychological needs, and maintain their dignity and privacy. Through ideological and political education in practice, the professional quality of medical students will be improved, laying a solid moral foundation for future medical practice.

### **1.2 Strengthen the ideological and moral education of medical students**

The clinical training of surgery is not only the training of skills but also the smelting of medical students' ideology and morality. By integrating ideological and political elements, medical students can be guided to correctly understand important concepts such as medical ethics, humanistic care, and social responsibility. In practice, medical students will learn how to exercise social responsibility in medical work and how to care for patients' psychological needs. Through ideological and political education, medical students will be able to understand the progress of medical system reform and improve their ability (Zhao Aihua et al., 2022) to cope with social changes. Medical students will learn how to communicate and cooperate effectively with patients, family members, other medical staff, and all sectors of society, and develop good interpersonal skills and teamwork spirit.

### **1.3 Enhance the social adaptability of medical students**

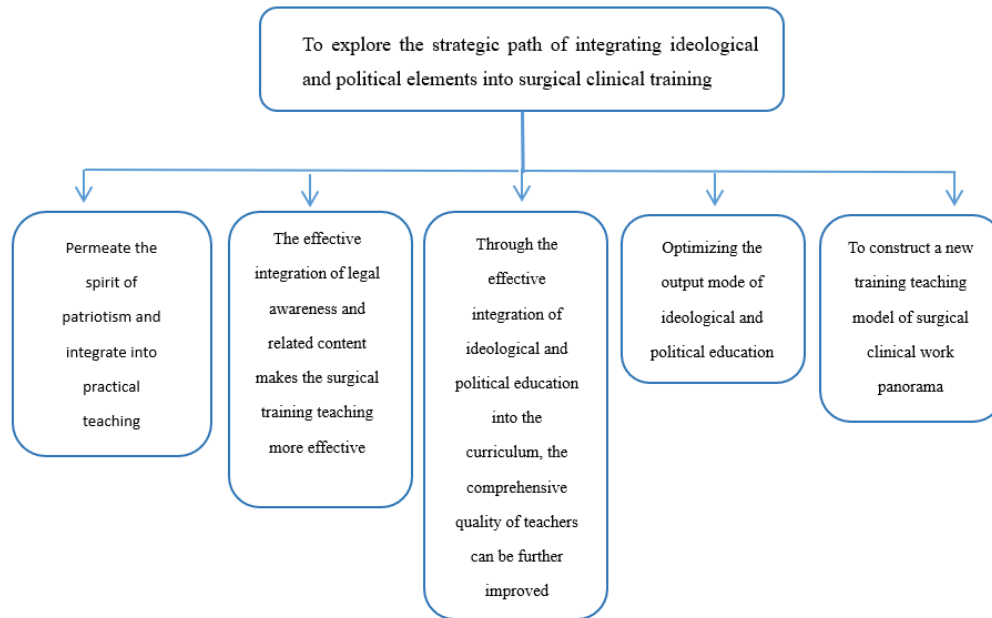
Clinical training in surgery is an important transitional stage for medical students to go to society, and integrating ideological and political elements can help medical students better adapt to the social environment. Through ideological and political education in practice, medical students can understand the current situation of social development, understand the progress of medical system reform, and improve their ability to cope with social changes. Medical students will learn how to communicate and cooperate effectively with patients, family members, other medical staff, and all sectors of society, and develop good interpersonal skills and teamwork spirit. They will learn how to exercise social responsibility in medical work and be well-prepared for their future medical practice.

### **1.4 Develop medical students' innovative spirit and critical thinking**

Surgical clinical training requires medical students to have an innovative spirit and critical thinking in order to cope with complex and changeable clinical scenarios. Ideological and political education can cultivate the independent thinking ability of medical students, stimulate their innovative thinking, and improve their problem-solving ability and independent learning ability. Medical students will learn how to think about problems from multiple perspectives, how to analyze and solve difficulties in practice, and how to improve clinical practice through innovative ways. Through ideological and

political education, medical students will be able to better care for patients and respect their rights and interests, while actively participating in social welfare activities and making greater contributions to social health causes.

## 2. The strategy of integrating curriculum ideological and political education into clinical practical teaching of surgery (Fig. 1)



**Figure 1. The strategic path of integrating ideological and political elements into surgical clinical training.**

### 2.1 Infiltrate the spirit of patriotism into practical teaching

In the integration of ideological and political elements into the clinical practical teaching of surgery, it is crucial to infiltrate the spirit of patriotism. Patriotism is one of the cores of the excellent traditional culture of the Chinese nation, and it is also an important way to cultivate students' patriotic feelings and social responsibility. In practice teaching, medical students are guided to understand the development process and current situation of the national medical cause, so that they can realize their social responsibility (Zheng C et al., 2022) as medical students and future doctors. At the same time, by learning advanced medical technology and knowledge, medical students are trained to attach importance to national scientific and technological innovation and stimulate their consciousness of contributing to the development of national medical cause. In practice teaching, through the examples of excellent medical workers around us, medical students can be inspired to recognize and pursue the benevolence of doctors. By guiding medical students to understand the connotation and value of medical benevolence, they are encouraged to take patients as the center of clinical practice, care about the physical and mental health of patients, and actively help them solve problems to reflect the medical spirit. In practice teaching, medical students are organized to participate in social public welfare activities, such as free diagnosis and health education. Through personal participation in social practice, medical students can understand the extensiveness and urgency of social medical needs, and cultivate their awareness and ability (Fan Y Q et al., 2022) to care for and serve society. Through the above strategies, the spirit of patriotism can be infiltrated into the clinical practice teaching of surgery, which can cultivate the patriotic feelings and social responsibility of medical students. At the same time, through practical teaching, medical students can better understand and experience the connotation of patriotism, integrate it into daily medical practice, and become qualified doctors with a high sense of social responsibility and medical literacy.

### 2.2 Effectively integrate the consciousness of the rule of law and related content to make the practical training teaching of surgery more effective

In the integration of ideological and political elements into the clinical practice teaching of surgery, it is crucial to effectively integrate the consciousness of the rule of law and related content. The consciousness of rule of law is an important way to cultivate students' legal consciousness, legal concept and legal accomplishment. In practice teaching, medical

students should be guided to understand laws and regulations related to clinical practice, such as medical dispute handling, and protection of patients' rights and interests. Through special lectures and case analysis, medical students' understanding of laws and regulations is strengthened, and their legal literacy and awareness (Zhu W et al., 2022) of the rule of law are cultivated. In practice teaching, real clinical scenes are simulated to guide medical students in making ethical decisions. Through discussion and debate, medical students are stimulated to think about ethical and moral issues, abide by laws and regulations in practice, respect the rights and interests of patients, and cultivate medical students' feelings about the rule of law and professional ethics. Through case teaching, medical students' understanding of the rule of law awareness and application ability are deepened. In practice teaching, attention is paid to educating medical students to abide by the norms of medical diagnosis and treatment, such as the norms of operation and the norms of writing medical records. Through standardized practice teaching and the guidance of teachers, the legal consciousness of medical students is cultivated, so that they can achieve legal compliance in practice and improve the quality and safety of clinical practice. Through the above strategies, the legal consciousness and related contents can be effectively integrated into the clinical practical training teaching of surgery, which can cultivate the legal concept and legal literacy (Dong D G et al., 2021) of medical students. At the same time, through practical teaching, medical students can have a deeper understanding and application of laws and regulations, and integrate them into daily clinical practice, so that medical students can have a good sense of the rule of law and professional ethics, and better serve patients and society.

### **2.3 Through the effective integration of curriculum ideology and politics, the comprehensive quality of teachers can be further improved**

In the integration of ideological and political elements into the clinical training teaching of surgery, teachers are the important subject of the implementation of ideological and political education. Through the effective integration of ideological and political elements in the curriculum, the comprehensive quality of teachers can be further improved. Carry out ideological and political quality training for teachers to improve their awareness of the rule of law and related knowledge. The training may include knowledge of laws and regulations, medical ethics, and protection of patients' rights and interests, as well as training in curriculum design and teaching methods. The comprehensive quality of teachers should be improved through teacher training so that they can better integrate ideological and political elements into practical teaching. In practice teaching, teachers can also strengthen individual guidance to students, pay attention to students' ideological dynamics and learning situation, answer students' questions in time, and guide students to correctly establish a sense of rule of law. Establish a team of surgical clinical training teachers to strengthen team cooperation and communication (Yu QJ et al., 2022). Team members can learn from each other and promote each other, and jointly explore how to integrate ideological and political elements into the curriculum in practical teaching. Team members can regularly organize teaching seminars, teaching observations, and other activities to jointly improve teaching quality and ideological and political effects. Through the above strategies, the comprehensive quality of surgical clinical training teachers can be effectively improved, so that they can better shoulder the responsibility of cultivating students' awareness of rule of law and related abilities. The improvement of teachers' awareness of the rule of law and teaching ability will help the effective integration of ideological and political elements, so as to make the practical training teaching of surgery more effective and better serve the improvement of students' comprehensive quality and the development of society.

### **2.4 Optimize the output mode of ideological and political education**

In order to better integrate ideological and political elements into the clinical practical teaching of surgery, it is very important to optimize the output mode of ideological and political education. In the early stage of course design, the specific goal of ideological and political education should be made clear and combined with the academic goal of the course. Setting clear goals will help teachers better arrange teaching content and teaching methods, making ideological and political education more targeted and effective. Ding Wen, et al. (2022) believe that in the clinical practical teaching of surgery, teachers can use a variety of teaching methods to output ideological and political education content. In addition to traditional teaching, interactive teaching methods such as case analysis, group discussion, and role-playing can be adopted. Through the use of a variety of teaching methods, it can stimulate students' thinking and participation, and increase the effectiveness of ideological and political education. Case teaching is a very useful way of ideological and political education. Teachers can choose real cases related to clinical practice of surgery, and guide students to think and form correct values by analyzing the legal, ethical and moral issues in the cases. Dou Huijuan (Dou HJ, Sun LIH, & Li XW, 2021) believes that through case teaching, ideological and political education can be combined with practice to increase students' practical ability and problem-solving ability. Teachers can choose suitable teaching methods and teaching platforms according to specific situations, combine ideological and political education with practical teaching,

cultivate students' awareness of the rule of law and relevant ability, and further improve the quality and effect of practical training teaching in surgery.

## 2.5 Construct a new model of practical training teaching for surgical clinical work panorama

In order to better integrate ideological and political elements into the clinical training teaching of surgery, it is an effective strategy to construct the practical teaching of surgical clinical work panorama. In the clinical training course of surgery, teachers can design the training content that is more real and close to the actual clinical work scene. For example, relying on the full simulation surgery training teaching platform (Fig. 2), simulate the real surgical environment, and use the full reality scene restoration technology to let students fully integrate into the operation training; Or invite clinical experts to guide students to diagnose and treat real cases on the spot. Dong Jinling (Dong J L et al., 2022) believes that through the design of such practical training scenarios, students can better understand the panorama of surgical work and cultivate their practical ability and professionalism. In the clinical practical training teaching of surgery, teachers should strengthen the evaluation of students' practical training process and actual performance. They should not only pay attention to the technical operation level of students, but also evaluate the ethics and legal awareness of students, teamwork ability and other aspects. He Xirui, et al. (2022) believe that through the comprehensive evaluation of students, we can better understand the ideological and political quality and practical ability of students, so as to provide targeted guidance and promotion. By constructing the practical training teaching of surgical clinical work panorama, students can better understand the whole process and requirements of surgical work, cultivate their practical ability and ideological and political quality, so as to realize the effective integration of ideological and political elements, and improve the quality and effect of clinical practical training teaching of surgery.

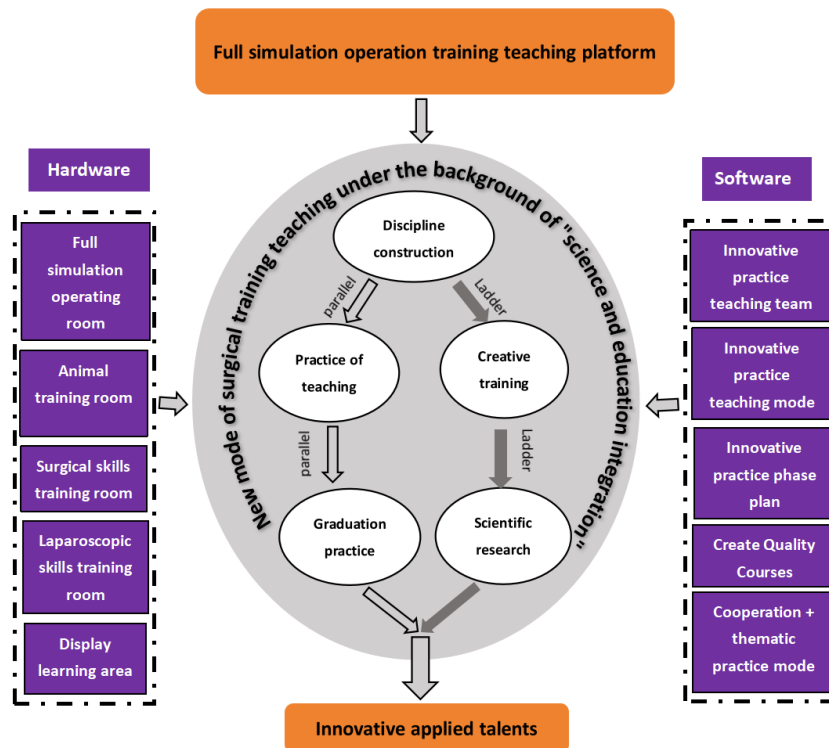


Figure 2. Innovative teaching mode of surgical practical training.

## 3. Conclusions

In the strategy exploration of integrating curriculum ideology and politics into clinical training teaching of surgery, it is an important path to construct a new model of practical training teaching of surgical clinical work. Relying on the full simulation practical training teaching platform, improving the practical training scene, introducing ethical and legal requirements, strengthening team cooperation and communication, and strengthening the evaluation of practical training teaching can help students better understand the whole process and requirements of surgical work, and cultivate their

practical ability and ideological and political quality. The implementation of this path will help to improve students' professional quality and social responsibility, and train them to become surgeons with high moral cultivation and awareness of the rule of law. At the same time, it will also help improve the quality and effect of clinical practical training teaching in surgery, and provide a solid ideological and political education foundation for cultivating outstanding medical talents. Through continuous efforts and exploration, we believe that we will achieve better results, inject more ideological and political elements into clinical practical training teaching of surgery, and promote the development and progress of medical education.

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## References

- Ding W, Jin L Y, Wu H Y, et al. (2022). Exploration of integrating curriculum ideological and political elements into the theoretical teaching of Basic Chemistry for clinical medicine students [J]. *Straits Pharmacy*, 34(6):59-60.
- Dong D G, Bao S F, Song M, et al. (2021). Exploration on ideological and political teaching reform of Biochemistry course for Chinese medicine majors -- taking Enzymology as an example [J]. *Chinese Journal of Biochemistry and Molecular Biology*, 37(7):983-988.
- Dong J L, Guo H M, Zou H B, et al. (2022). Application of situational teaching method integrating "ideological and political elements" in standardized training of resident physicians [J]. *Journal of Medical Education Administration*, 8(2):188-192.
- Dou H J, Sun L H, Li X W (2021). Mining and case analysis of ideological and political elements in pathogenic biology and immunology course of clinical medicine [J]. *Information in Chinese*, 2021(7):139-140.
- Fan Y Q, Liang B, Wang Z, et al. (2022). Exploration and practice of integrating curriculum ideology and politics into online and offline otolaryngology teaching [J]. *Chinese Journal of Otolaryngology Skull Base Surgery*, 28(6):120-122, 128.
- Gan Lu, Luo Dan, Luo Ting, et al. (2022). A preliminary study on ideological and political working path of pharmacology course in Clinical medicine in higher vocational colleges—taking penicillin and Aspirin as examples [J]. *Modern Vocational Education*, 2022(41):56-59.
- He Hongchao, Dai Jun, Rui Wenbin, et al. (2022). Practice and exploration of integrating ideological and political elements into surgical teaching—a case study of urosurgery [J]. *Chinese Journal of Post-graduation Medical Education*, 6(5):474-477.
- He X R, Yang Y, Sun Y X (2022). Design and implementation of clinical pharmacy curriculum ideology and politics for pharmaceutical majors in the new era—a case study of rational use of antibiotics [J]. *Research and Practice in Medical Education*, 30(3):349-353, 358.
- Yu Q J, Lu S, Jiang J H, et al. (2022). Effect of ideological and political elements integrated into the teaching of Neurology for undergraduate clinical students [J]. *Clinical Medicine Research and Practice*, 7(32):183-186, 191.
- Zhao Aihua, Liu Jundong, Liu Li, et al. (2022). Exploration and practice of the integration of curriculum ideology and politics with professional curriculum—A case study of veterinary clinical diagnosis and treatment technology [J]. *Journal of Anhui Agricultural Sciences*, 50(12):257-259.
- Zheng C, Liang P, Zhai X, et al. (2022). Research on application of mixed online and offline teaching model in pediatric surgery clinic based on basic principles of Marxist philosophy [J]. *Modern Medicine and Hygiene*, 38(13):2304-2307.
- Zhu W, Deng K Y, Zhou L, et al. (2022). Construction of curriculum ideological and political ability training system for professional course teachers in medical colleges and universities -- A case study of General Surgery [J]. *Electronic Journal of New Education Times (Student)*, 2022(39):154-157.