

# A Practical Study on the Construction of the Practice Base of Entrepreneurship and Innovation Education in Promoting the Integrated Development of Medical Education

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**Abstract:** This study aims to explore the role of the practice base of entrepreneurship and innovation education in the integrated development of medical education under the background of "new medicine", taking YMUN as an example. Data were collected and analyzed through qualitative research, field research and interviews. The results showed that the construction of the base promoted the integration of medical education, improved students' innovative thinking, practical ability and innovative entrepreneurial spirit, and provided a platform for cross-learning cooperation among different majors. The conclusion is that the construction of entrepreneurship and innovation education practice base is crucial to the integrated development of medical education under the background of new medical science, which can enhance the comprehensive quality and practical ability of students, lay the foundation for medical innovation and education development, and provide references for innovation and development in the field of medical education.

**Keywords:** New Medical Science; Mass Entrepreneurship and Innovation Education; Practice Base; Medical Education; Integrated Development

## 1. Introduction

With the development of society and the advancement of science and technology, the medical field is facing increasingly complex challenges and opportunities. In this context, the construction of the practice base of entrepreneurship and innovation education is of great significance to promote the integrated development of medical education. Taking YMUN as an example (YMUN is short for Youjiang Medical University for Nationalities), this paper aims to explore the important role of the construction of entrepreneurship and innovation education practice base in the development of medical education under the background of new medical science. At present, medical education is faced with multiple challenges and opportunities. On the one hand, with the continuous innovation of medical technology, medical education needs to better train medical talents with innovative ability and practical ability. On the other hand, with the concept of "new medicine" put forward, medical education also needs to carry out a series of reforms and innovations to meet the needs of the society for medical talents. In this context, the construction of the practice base of entrepreneurship and innovation education plays an important role in promoting the integrated development of medical education. As an important part of China's medical education, YMUN actively responds to the development strategy of entrepreneurship and innovation education, puts forward the idea of building a practice base for entrepreneurship and innovation education, and has made certain achievements in practice [1]. This paper will take the college as a case to explore the background and significance of the construction of the practice base of entrepreneurship and innovation education.

Through the practical research on the construction of entrepreneurship and innovation education

practice base in YMUN, this study summarizes and analyzes the practical application and effect of entrepreneurship and innovation education practice base in the integrated development of medical education, so as to provide reference and experience for promoting the innovative development of medical education. Qualitative research method was adopted to obtain abundant data about the construction of entrepreneurship and innovation education practice base in YMUN through field investigation and interview. Through data analysis, a series of conclusions are drawn. The research shows that the construction of double innovation education practice base in YMUN plays a positive role in promoting the integrated development of medical education. Making full use of the teaching resources and practice environment of the base, students can better exercise innovative thinking and practical ability, and cultivate innovative and entrepreneurial spirit [2]. At the same time, the base also provides an effective platform for the integrated development of medical education, promoting cross-learning and cooperation among different specialties.

Under the background of new medical science, the construction of entrepreneurship and innovation education practice base is of great significance to promote the integrated development of medical education. Through the construction of the base, students can get more opportunities and challenges in practice, improve their comprehensive quality and practical ability, and lay a solid foundation for future medical innovation and the development of medical education.

In summary, this study aims to deeply explore the practical research results of the construction of the practice base of entrepreneurship and innovation education in promoting the integrated development of medical education under the background of "new medical science", and provide relevant suggestions for the development of professional education in medical schools and the training of regional medical innovative talents. Through the research and analysis of this paper, I believe it can provide some reference for the innovation and development of medical education.

## **2. Literature Review**

### ***2.1 Research status and development trend of the construction of entrepreneurship and innovation education practice base at home and abroad***

#### ***2.1.1 Domestic research status***

In China, the development of the construction of entrepreneurship and innovation education practice base in medical education has received extensive attention. Many researchers have explored and practiced the research on the practice model of entrepreneurship and innovation education, and have achieved certain results. For example, from the perspective of educational theory, some scholars have studied the important role of the practice base of entrepreneurship and innovation education in the integrated development of medical education, and put forward some useful suggestions. In addition, some scholars have studied the specific operation and effect of the practice base of entrepreneurship and innovation education in medical education from the perspective of practical application.

#### ***2.1.2 Foreign research status***

In foreign countries, the relevant research on the construction of entrepreneurship and innovation education practice base is also relatively active. Some developed countries, such as the United States and the United Kingdom, have introduced the practice base of entrepreneurship and innovation education in medical education, and achieved remarkable results. Researchers in these countries mainly studied the role of the practice base of entrepreneurship and innovation education in promoting the integrated development of medical education, and the application prospect of the practice model of entrepreneurship and innovation education in medical education.

#### ***2.1.3 Development trend***

In general, the research on the construction of entrepreneurship and innovation education practice base in promoting the integrated development of medical education shows the following trends: First, more and more scholars begin to pay attention to the construction and development of entrepreneurship and innovation education practice base, especially in the field of medical education. Second, the research focus has gradually shifted from the theoretical level to practical application, and more attention has been paid to the specific operation and effect of the mass innovation education practice base in medical education. Third, domestic and foreign research began to strengthen exchanges and cooperation in order to promote the further development of the construction of entrepreneurship and innovation education practice base in the integration and development of medical education. Fourth,

the construction of the practice base of entrepreneurship and innovation education will pay more attention to the integration of teaching resources, innovate the education model, and improve the practical ability and innovative spirit of medical education.

## ***2.2 Characteristics and advantages of entrepreneurship and innovation education practice mode***

The practice mode of entrepreneurship and innovation education is an education mode that combines innovation and entrepreneurship education with practice. It has the following characteristics and advantages:

### ***2.2.1 Combine learning with practice***

The practice mode of entrepreneurship and innovation education emphasizes the combination of learning and practice, and carries out the learning and practice activities of subject education in the actual innovation and entrepreneurship projects. By participating in practical projects, students are able to better understand the application and practical operation of subject knowledge, and develop practical abilities and problem-solving skills.

### ***2.2.2 Interdisciplinary comprehensive ability training***

The practice mode of entrepreneurship and innovation education focuses on cultivating students' interdisciplinary comprehensive ability. In the practical project, students need to use the knowledge and skills of various disciplines to carry out innovative and entrepreneurial activities, promote the integration and cross between disciplines, and cultivate students' comprehensive quality and innovative thinking ability.

### ***2.2.3 Cultivation of innovation and entrepreneurial ability***

The practice mode of mass entrepreneurship education focuses on cultivating students' innovation and entrepreneurship ability. Practical projects can stimulate students' innovative consciousness and entrepreneurial spirit, exercise students' innovative thinking and entrepreneurial ability, and provide favorable conditions for students' entrepreneurship and employment [3].

## ***2.3 Application prospect of mass innovation education practice base in medical education***

The practice base of entrepreneurship and innovation education has a broad application prospect in medical education. First, there exists the problem of disconnection between theoretical teaching and practical teaching in medical education [4]. Through the construction of the practice base of entrepreneurship and innovation education, the study of medical knowledge can be combined with practical operation, and the clinical operation and medical skills of students can be cultivated in practical projects. Second, medical education needs to emphasize the cultivation of practical ability. The Entrepreneurship and Innovation Education Practice Base provides a practice platform where students can improve their practical operation ability and skills by participating in practical projects. Third, the construction of the mass innovation education practice base can promote the integration and development of medical education and practical medicine, cultivate medical talents with innovative spirit and practical ability, and contribute to the innovation and development of the medical field.

## **3. Theoretical Analysis**

As an important means to promote the integrated development of medical education, the practice base of entrepreneurship and innovation education plays a crucial role in the background. Taking YMUN as an example, this section will discuss in detail from three aspects: theoretical basis, promoting effect and important significance.

### ***3.1 Theoretical Basis***

The construction of entrepreneurship and innovation education practice base has a solid theoretical foundation in promoting the integrated development of medical education. The construction of the base helps to combine medical education with practice and promote the innovation and development of the medical education system by providing a practice platform and cultivating innovative thinking and practical ability. At the same time, the construction of the base can also meet the diversified needs of medical talents under the background of "new medicine", and train medical talents with innovative

spirit and practical ability.

### ***3.2 Promoting effect***

The practice base of entrepreneurship and innovation education has played a positive role in promoting the integrated development of medical education. First of all, the construction of the base provides a practice platform that is compatible with the real medical environment, so that students can carry out medical practice in a real clinical environment and improve clinical skills and medical quality. Secondly, the construction of the base focuses on cultivating students' innovative spirit and practical ability. Through the implementation of innovation and entrepreneurship practice projects, students' innovative potential is stimulated and their innovative thinking and practical ability is cultivated. Finally, the construction of the base can also promote the deep integration of medical education and industrial development, provide students with practical opportunities related to medical research and the medical industry, and enhance their employment competitiveness.

### ***3.3 Significance***

The significance of the construction of entrepreneurship and innovation education practice base cannot be ignored. First, the construction of the base helps to optimize the integration and sharing of medical education resources and improve the teaching quality and teaching effect. Second, the construction of the base provides a platform for exchanges and cooperation between the school and the industry, promotes the exchange and sharing of medical education research and practical experience, and promotes the deep integration of school education and social medical practice. Third, the construction of the base has also enhanced the reputation and influence of the school in the field of medical education, attracting more students and professionals, and promoting the sustainable development of medical education.

To sum up, the construction of entrepreneurship and innovation education practice base has a solid theoretical foundation for promoting the integrated development of medical education, plays a positive role in promoting the integrated development of medical education, and is of great significance. Taking YMUN as an example, the construction of this base can give full play to the advantages of school resources, cultivate innovative medical talents, promote the deep integration of school education and social medical practice, and make positive contributions to the integrated development of medical education. For the professional education of YMUN and the training of medical innovative talents in the western Guangxi region, it is suggested to further expand the scale and influence of the practice base of double innovation education, strengthen the sustainable development of the base construction, and further promote the integrated development of medical education.

## **4. Research Design**

### ***4.1 Construction of mass entrepreneurship and innovation base***

Under the background of "new medicine", making full use of the development opportunity of Baise's key development and opening pilot area, YMUN took the construction of ASEAN Innovation and Entrepreneurship Base as an example to demonstrate the practical application and design scheme of the double innovation education practice base in promoting the integrated development of medical education [5]. The base is located in Baise City, relying on its superior resources in the fields of medical education and innovation and entrepreneurship, and aims to provide students with a full range of practical opportunities and experiences. The construction of the base includes laboratories, medical skills training centers, innovation and entrepreneurship incubators, and is committed to providing places and platforms for students' practical ability training.

### ***4.2 Teaching resource integration***

In terms of the integration of teaching resources, the base cooperates with various departments of the college to make full use of the clinical medical resources and teaching equipment of the college to provide rich practical teaching content and facilities. At the same time, the base also cooperates with relevant departments such as enterprises and hospitals to provide students with opportunities to participate in real clinical projects and cultivate their practical operation ability and team spirit.

#### **4.3 Research design objectives**

In the research design of this paper, the base construction ensures the goal of integrated development of medical education. First, the base is located in Baise City, which is a key development and open pilot area, providing sufficient policy support and resource guarantee. Second, the construction of the base covers many aspects of medical education, including laboratories, skills training centers and innovation and entrepreneurship incubators, providing students with a variety of practical opportunities and training programs. Third, the teaching resources of the base and the college have been effectively integrated, which not only provides rich practical teaching content and facilities, but also establishes cooperative relations with enterprises, hospitals and other relevant departments, providing students with opportunities to participate in real clinical projects. This design enables students to cultivate comprehensive quality in practice and improve the practical operation ability and teamwork ability of medical talents.

All in all, the empirical research design of YMUN -- ASEAN Innovation and Entrepreneurship Base fully reflects the practical application and design scheme of the practice base of entrepreneurship and innovation education in promoting the integrated development of medical education. Through reasonable site selection, comprehensive construction contents and resource integration measures, the base provides students with abundant practical opportunities and training programs, which effectively promotes the realization of the goal of integrated development of medical education [6]. Based on this research, it can provide reference for other medical colleges in promoting the integrated development of medical education.

### **5. Research results and analysis**

This study selected a representative case of YMUN and other universities to introduce the experimental results obtained in the construction of entrepreneurship and innovation education practice base in promoting the integrated development of medical education, conducted an in-depth analysis of the experimental results, and discussed the effects and existing problems of the base construction.

#### **5.1 Experimental results and analysis**

In YMUN and other universities, the construction of entrepreneurship and innovation education practice base has achieved remarkable experimental results in promoting the integrated development of medical education.

##### **5.1.1 Inject new vitality and innovative spirit into medical education**

By participating in the practical activities of the base, students can not only improve their practical ability, but also cultivate innovative thinking and team spirit. This makes students no longer limited to the study of pure theoretical knowledge in medical education, but can better combine theoretical knowledge with practical ability, and enhance the ability of medical practice operation and solving practical problems.

##### **5.1.2 Align medical education closely with the actual needs of the industry**

Through cooperation with relevant medical institutions, scientific research institutions and enterprises, students are able to gain an in-depth understanding of various problems and challenges in medical practice and solve these problems through practical operations. This docking with the actual needs not only provides students with better practice opportunities, but also provides a broader space for the development of medical education. Through in-depth cooperation with enterprises, students in the base can have access to the latest medical technology and equipment, understand the cutting-edge knowledge and technology in the medical field, so as to cultivate medical talents with innovative ability and practical experience.

##### **5.1.3 Problems in the construction of entrepreneurship and innovation education practice base**

This study found that there are also some major problems in the construction of entrepreneurship and innovation education practice base. First, the construction of the base needs to invest a lot of funds and manpower, which is a big burden for colleges and universities. Second, the construction of the base requires close cooperation with all sectors of society, involving many stakeholders, so there may be various problems and contradictions in the process of cooperation. In addition, the construction of the base also needs to improve the teaching level and practical experience of relevant medical teachers in

order to better guide and guide students' practical activities.

#### ***5.1.4 Countermeasures in the construction of entrepreneurship and innovation education practice base***

Based on the practical difficulties encountered in the construction of the practice base of entrepreneurship and innovation education, we need to take a series of measures to solve these problems. First, colleges and universities should strengthen cooperation with all sectors of society to win more funds and resource support to ensure the construction and development of the base. Second, university and base managers should strengthen communication and coordination with enterprises, medical institutions and other partners to solve problems and contradictions in the cooperation process. Third, colleges and universities should also organize relevant training and academic exchange activities to improve the professional quality and practical experience of medical teachers, and enhance their guidance ability and innovation consciousness.

In short, the construction of the practice base of entrepreneurship and innovation education has achieved certain experimental results in promoting the integrated development of medical education. By participating in the practical activities of the base, students can improve their practical ability, develop innovative thinking and teamwork spirit. The construction of the base also makes medical education closely connected with actual needs, and provides students with better practice opportunities. However, the construction of the base also faces some difficulties and problems, which need the joint efforts of universities and relevant parties to solve. By strengthening cooperation and communication and improving the quality of teachers, we believe that the construction of the base will play an increasingly important role in promoting the integrated development of medical education.

## **6. Conclusions and Findings**

The analysis of the results of this study shows that at present, the construction of double innovation education practice base in YMUN has achieved a series of practical research results in promoting the integrated development of medical education. Through this study, we summarize some main research conclusions and findings, and look forward to the future development. In particular, we believe that the construction of this base is of great significance to the professional education development of YMUN and the training of medical innovative talents in western Guangxi, so we put forward relevant suggestions.

### ***6.1 Research conclusions and findings***

Through empirical research, this paper finds that students' learning and practical ability in the practice environment have been significantly improved during the construction of the practice base of entrepreneurship and innovation education in YMUN. The base provides students with a wealth of practical opportunities, enabling them to practice and apply their acquired knowledge and skills in a real medical environment. At the same time, the base also encourages students to cultivate innovative thinking and entrepreneurial spirit, and provides them with a platform and support for entrepreneurship. By participating in the practical activities of the base, students can exercise their practical ability, develop the sense of innovation and teamwork spirit. Second, teachers play an important role in the teaching process in the construction of the practice base of entrepreneurship and innovation education. Teachers are not only the imparts of knowledge, but also the guides and guides of students. By organizing students to participate in practical activities, they guide students to apply theoretical knowledge to practice, so as to achieve the purpose of educational integration and development. At the same time, teachers are also able to keep abreast of the latest developments in the industry through cooperation with the practice base, and provide students with the latest educational resources and guidance.

### ***6.2 Future development and prospect***

Under the background of "new medical science", the state has put forward higher requirements for the integrated development of higher medical education. First, in the future development of medical education, we believe that the construction of entrepreneurship and innovation education practice base should continue to strengthen cooperation with enterprises and medical institutions, and broaden the practice channels for students. Second, through cooperation with enterprises, students can better understand the needs and development trends of the industry, and provide more opportunities for their

employment. Third, in the cooperation with medical institutions, students can be exposed to more cases and treatment techniques in practice, and improve their clinical practice ability. Fourthly, this paper also suggests strengthening the cultivation of students' innovative ability and entrepreneurial spirit in the construction of the practice base of entrepreneurship and innovation education. The fifth is to stimulate students' innovative thinking and cultivate their entrepreneurial consciousness by holding innovation and entrepreneurship competitions and organizing entrepreneurship lectures. The sixth is to provide entrepreneurial support and guidance for students who are willing to start businesses by providing entrepreneurial incubation services, and encourage them to innovate and start businesses in the medical field [7].

To sum up, the construction of entrepreneurship and innovation education practice base plays an important role in promoting the integrated development of medical education. The development of medical education can be promoted by strengthening the cultivation of students' practical ability and the guiding role of teachers. At the same time, further strengthening the cooperation with enterprises and medical institutions, as well as cultivating students' innovative ability and entrepreneurial spirit, will play a positive role in promoting the development of professional education in YMUN and the training of medical innovative talents in western Guangxi. Therefore, we propose to continue to strengthen the construction of the base in the future development, and constantly explore innovative education models and methods.

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