

# Reform practice of stomatology through practice education system

Xiaobo Gao

1. Philippine Christian University, Manila 1004, Philippine

2. Chifeng Municipal Hospital, Chifeng 024099, Inner Mongolia

**Abstract:** With the continuous development of the technical level of stomatology, traditional stomatology technology has been unable to meet the current social needs. In order to better adapt to the requirements of scientific and technological progress and cultivate stomatology technical talents suitable for the current needs, educators should pay attention to the reform of stomatology teaching practice, build a through-through practice education model, and take through-training as the starting point. Take curriculum practice teaching as the center, carry out the corresponding education work. Based on this, the paper analyzes and studies the reform of the through-the-line practice education system of stomatology, expounds the necessity of the through-line practice education system of stomatology, and puts forward the reform approach of the through-line practice education system of stomatology for reference.

**Key words:** Stomatology; Through type; Practice education system

## Introduction

As the successors of the future career of stomatology, stomatology students are practitioners of oral health. Only by combining knowledge, skills and humanistic qualities can they better adapt to the development needs of society. Therefore, the construction of a thorough practical education system is helpful for students to improve their practical operation skills on the basis of learning theoretical knowledge, master cutting-edge stomatology technology, and lay a solid foundation for later employment.

## 1. The necessity of connected practice education system in stomatology

### 1.1 Establishing Virtue and Cultivating Talents it is the core of talent training

The Opinions on Strengthening and Improving Ideological and Political Work in Colleges and Universities under the New Situation issued by the CPC Central Committee and The State Council stressed the importance of ideological and political education, clarifying that colleges and universities should strengthen the guidance of ideological and theoretical education, and put ideals and beliefs in the core position. With the launch of the pilot comprehensive reform of "three full education" launched by the Ministry of Education on May 25, 2018, the state has raised the education work to a strategic level, and the education work has become the focus of work of major universities, emphasizing the necessity of ideological and political education for students. Therefore, the construction of a penetration-oriented practice education system can fit the development background of Lide and cultivate people, so as to cultivate talents with solid professional knowledge, skilled professional skills and excellent humanistic literacy, and better assume the future work mission.

### 1.2 Personnel training requires multi-interaction

College students have formed a relatively mature and stable career evaluation and value orientation, and medical students, as future doctors, shoulder the layout of health mission dissemination. In the face of frequent conflicts between doctors and patients, some students do not have information about their future career development. The students of stomatology should adapt to the future development, and need to realize the coordinated development of professional knowledge, professional skills, ideological and moral qualities and psychological qualities. However, these tasks are difficult for teachers to accomplish alone. Talent training is a complex project, which cannot be separated from the coordination and division of labor among various factors in colleges and universities. Only by giving full play to the coordination and linkage mechanism of curriculum, scientific research, time, culture, network, management, service and other aspects can colleges and universities better build a coherent practical education system.

### 1.3 Discipline development is through education

With the rapid development of information technology and science and technology, the professional knowledge structure and professional attributes of oral clinical medicine have changed. In recent years, the exchanges of science and technology festivals have been expanding, and the subject connotation of stomatology in China tends to be consistent with that of western stomatology in the main body, including prosthodontics. The theory and technology have also undergone great changes. The continuous development of disciplines and the expansion and updating of knowledge all require rethinking the content of teaching and redefining it from the fields of clinical safety, physician qualification and job responsibilities. Therefore, it is necessary to optimize the whole process of educational research, clarify the content and methods of curriculum teaching, and improve the effectiveness of talent training by adopting a comprehensive education and training mechanism.

## 2. Reform approach of stomatology practice education system

### 2.1 Build a multi-party education mechanism

First of all, educators should play the role of coordinating education. In the training of stomatology talents, teachers, counselors, class teachers and educational administrators play an important role. Among them, counselors are more responsible for the ideological education of students, so that students form correct values. Professional teachers are more responsible for the teaching of students' medical professional courses, so that students can master professional medical knowledge and skills. Counselors and professional teachers should coordinate the education work and carry out systematic education management for students.

Secondly, schools should pay attention to the construction of practical education system. Improve the practical education system, and incorporate practical teaching activities into the teacher evaluation, teacher promotion and reward system, and incorporate students' practical activities into the general teaching plan. Among them, schools should evaluate and assess students' participation in cultural activities and volunteer services. Oral medicine practice activities and oral medicine competitions can be set up to enable students to better achieve innovative development and ensure the enthusiasm of students to participate in practical activities. In addition, the school should also develop a sound fund raising mechanism, and invest construction funds for experimental teaching and clinical practice projects, so as to ensure the high-level and high-quality development of construction work.

Finally, strengthen the construction of home-school cooperation mechanism. Whether it is online teaching or offline learning, family education, as an important component of college students' education, affects students' world outlook, outlook on life and values. Home and school hand in hand, giving play to the joint force of the two will help to improve the effectiveness of education, better achieve two-way cooperation, optimize the information feedback mechanism, and promote the development of talent training work.

### 2.2 Build a self-management security system

First, play the role of class committee. The establishment of multidirectional communication mechanisms is crucial to students' learning and growth. College students need to form self-discipline, which needs to strengthen the self-management of students, fully mobilize the subjective initiative of students, play the role of collective cohesion supervision, and give correct guidance to all students. Among them, the role of the class committee is very crucial, the class committee is the bridge between the class teacher and the students, they are not only the assistant of the class teacher, but also the core force of a class to maintain unity. Class committee is the organizer and implementor of a class activity, and is the driving force of class activity. However, the energy of counselors and teachers is limited, and it is difficult to track all students dynamically, which requires the class committee to build a communication bridge between students and teachers, better achieve two-way communication of information, enhance the cohesion of the class, and promote the development and progress of the whole class.

Secondly, give full play to the management and education role of the student union organization. University student union is the key force of university student management, the main position of ideological and political education of university students, and plays an important role in improving students' quality and ability and building students' ideals and beliefs. The school should make full use of the power of the student union, with the help of mutual management, and play an important role in the construction of a good style of study. Organizing and carrying out rich activities can help students show their own advantages and talents, promote their own personalized development, and give play to students' learning initiative.

### 2.3 Optimize the education and teaching work system

In the education work, students can make the first classroom and the second classroom together to promote the overall growth and development of students. As the main position of knowledge imparting, the role of the first classroom cannot be ignored. However, due to the relatively simple activities, it is easy for students to lose their enthusiasm for learning. Because many knowledge points in stomatology are relatively boring, students are prone to learning fatigue, and over time there will be resistance to learning. The second classroom can better make up for the shortcomings of the first classroom teaching, through the party building and league building, innovation and entrepreneurship education, undergraduate graduation thesis, social practice activities to create a series of flexible and open activities, mobilize the development of students' innovation ability, improve the overall teaching quality. Carrying out the second classroom is the requirement of the development of vocational education, and it is also the key way to cultivate students' vocational core quality. Vocational ability is also the competitiveness of students' employment, so educators should pay attention to the cultivation of students' competitiveness in employment. The effective combination of the first classroom and the second classroom can help improve the teaching effectiveness and meet the needs of talent training.

### 2.4 Build a multi-level education support platform

Under the educational background of the new era, a multi-level education platform should be built to fully support practical education activities, and connect the school, society and students together. Through an integrated approach, students can improve their professional knowledge and clinical practice ability, and help students form doctors with good moral qualities.

First of all, schools should build a clinical practice platform. The reform of clinical practice teaching mode includes step by step and cross-over. At this stage, colleges and universities should strengthen the construction of clinical practice platforms, invite highly professional stomatologists to give lectures, train more excellent oral educators, and build more standardized training bases.

Secondly, schools should build experimental digital platforms. Only by carrying out digital oral teaching, optimizing the whole link of virtual simulation experiment teaching, and constructing experimental teaching equipment such as MOOG digital virtual simulation dental training system, can we better improve the current education model in Shiyuan and build it into an advanced experimental teaching hardware platform.

Moreover, schools should build volunteer service platforms. With the Youth League Committee under the leadership of the College Party Committee as the main body, the volunteer service base will be built and a series of social practice platforms will be set up, which will help provide more opportunities for stomatology students to participate in social practice activities, and enable stomatology students to be active in the front line of volunteer services as organizers and participants of activities, and provide services for more patients with oral diseases. Lectures on oral health to make more people aware of the importance of oral health.

Finally, schools should build a comprehensive application platform. On the one hand, the university can build a scientific research and innovation platform, involving the experts and senior technical personnel of the university, providing corresponding software and hardware support for students' scientific research and innovation activities, and innovating scientific research results; On the other hand, the university should also build a platform for international exchange, establish a communication and exchange mechanism with foreign schools, strengthen the cooperation mechanism with foreign universities, and select and send outstanding students to Yale University, Columbia University and other first-class colleges for joint training, so as to better improve the effectiveness of talent training.

#### 2.5 Apply the school-enterprise dual subject training mode

In recent years, the major of stomatology has gradually introduced the mode of school-enterprise cooperation, and schools cooperate with dental enterprises to carry out teaching, which is also the best way to cultivate students' practical ability, which is difficult to compare with other teaching practice links. Strengthening school-enterprise cooperation will help students better participate in practical learning and adapt to the future working environment. Schools can build oral medicine technology training center and off-campus training center, and strengthen the integration of the school construction, ensure the advanced nature of equipment, do a good job of corresponding collaborative management. In addition, schools should also strengthen the construction of off-campus training bases, work together to develop and implement programs and plans, understand the problems existing during students' internships, and better help students solve personal problems. Schools should strengthen the construction of education sharing resources and improve the overall level of information technology.

Full-time and part-time teachers of stomatology technology should build a diversified and standardized assessment and evaluation system that is compatible with the project curriculum according to the specifications and standards of training high-end skilled talents. Among them, the principle of multiple assessment and evaluation should be followed, and enterprises should participate in the whole process. At the same time, schools and enterprises should also jointly hold oral medicine technology competitions every year to cultivate students' learning and evaluate teachers' teaching quality and teaching effectiveness. Only by understanding the training environment in a real sense, can we better construct the talent training program, formulate the goal of talent training, and adjust the talent training program.

## Peroration

In summary, with the rapid development of science and technology, stomatology technology should also pay attention to its own development. In order to ensure that stomatology technology can meet the development needs of the new era and new technology, medical schools should build a comprehensive practice education system, train skilled talents with strong professional literacy, and promote the development of stomatology work. School-enterprise cooperation is conducive to better achieving this goal, cultivating students to form good practical quality and ability, enabling students to better grow and develop, allowing students to master the basic operating requirements of medical technology while learning, enhancing competitiveness, improving the overall quality of education, and promoting the high-quality development of oral medicine technology.

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**About the author:** Xiaobo Gao(1982-), male, born in Chifeng, Inner Mongolia, associate chief physician, master candidate, PhD candidate, mainly engaged in clinical dentistry, education and scientific research.