

# Research and Practice of Nursing Clinical Teaching in High School Nursing Education

**Yina Lin**

*Jilin University, Changchun, Jilin, 130000, China  
1457010617@qq.com*

**Abstract:** *This paper explores the theory and practice of nursing clinical teaching in nursing education in universities, discussing how to effectively improve students' practical abilities and clinical application levels. Through the analysis of relevant domestic and foreign literature and practical cases, this paper proposes some methods and strategies to improve nursing clinical teaching, including strengthening practical teaching, improving the teaching level of teachers, and establishing a good practical environment. The research results of this paper have certain reference value for improving the teaching quality of nursing education in universities and cultivating high-quality nursing talents.*

**Keywords:** *Nursing education in higher education, Nursing clinical teaching, Practical ability, Teaching quality*

## 1. Introduction

Nursing is a highly specialized profession that requires rich theoretical knowledge and practical experience. With the development of China's medical and health care industry and the aging of the population, the demand for nursing talents is increasing. Nursing education in universities is an important way to cultivate nursing talents, and nursing clinical teaching is an important part of nursing education in universities, which directly affects students' practical abilities and clinical application levels. Therefore, how to carry out effective nursing clinical teaching and improve students' practical abilities and clinical application levels has become an urgent problem in nursing education in universities [1]. This paper studies the theory and practice of nursing clinical teaching in nursing education in universities, explores how to improve teaching quality and cultivate high-quality nursing talents. Through reviewing relevant domestic and foreign literature and practical examples, some methods and strategies are proposed to improve nursing clinical teaching, providing a certain reference value for nursing education in universities [2].

## 2. Strengthen Practical Teaching

The core of nursing clinical teaching is practical teaching, and only through practice can nursing skills and experience be truly mastered. Therefore, strengthening practical teaching is the key to improving the effect of nursing clinical teaching. Specifically, the following measures can be taken:

### 2.1. Increase Time for Practice Teaching

Increasing the amount of practical teaching time is the key to improving the effectiveness of nursing clinical teaching. This requires giving adequate time and space for practical teaching in course design and teaching plans, allowing students enough time to practice and experience. Specifically, the following measures can be taken: First, it is necessary to arrange practical teaching time reasonably. When formulating teaching plans and course schedules, the needs of practical teaching should be considered, and practical teaching time should be arranged reasonably to ensure that students have enough time to practice and experience [3]. At the same time, it is important to avoid practical teaching time being too long or too short to avoid affecting students' learning outcomes and practical abilities. Second, it is important to strengthen the organization and management of practical teaching. During the practical teaching process, attention should be paid to organizing and managing to ensure the quality and effectiveness of practical teaching. Teachers should develop detailed practical teaching plans and schemes, clarify the goals, content, and requirements of practical teaching, ensure that students can

fully participate in practical teaching activities, and improve their practical abilities and experience. Third, it is necessary to pay attention to the evaluation and feedback of practical teaching [4]. In the process of practical teaching, it is important to timely assess and provide feedback on students' practical abilities and experience, correct errors and deficiencies in a timely manner, and help students improve their practical abilities and experience. At the same time, practical teaching records should be established to record students' practical processes and achievements, providing a reference for their further learning and employment. Finally, it is important to cooperate with practical teaching bases. Schools can cooperate with hospitals, community health stations, and other institutions to establish practical teaching bases, providing students with practical opportunities and environments for learning. At the same time, professionals from practical teaching bases can be invited to teach or serve as practical teaching instructors at the school, improving the quality and effectiveness of practical teaching [5].

## **2.2. Establish Practice Teaching Bases**

Establishing practical teaching bases is one of the important measures to improve the effectiveness of nursing clinical teaching. Schools can cooperate with hospitals, community health stations and other institutions to integrate teaching venues and practical teaching resources, providing students with practical opportunities and environments. Specifically, the following measures can be taken: First, select suitable cooperating institutions. Establishing practical teaching bases requires selecting appropriate cooperating institutions, including hospitals, community health stations and others, to provide students with practical opportunities and environments. Selecting suitable cooperating institutions requires considering factors such as the institution's size, practical teaching resources, and teaching quality. Second, develop detailed cooperation agreements. Before cooperating with the cooperating institutions, detailed cooperation agreements need to be developed to clarify the cooperation content, responsibilities, and requirements of both parties, in order to ensure the smooth operation of cooperation and the quality of teaching [6]. Third, strengthen communication and coordination with cooperating institutions. After establishing practical teaching bases, it is necessary to strengthen communication and coordination with cooperating institutions, understand changes and needs of practical teaching resources, adjust teaching plans and programs in a timely manner, and ensure teaching quality and educational outcomes. Finally, strengthen the management and evaluation of practical teaching bases. After establishing practical teaching bases, it is important to strengthen the management and evaluation of practical teaching bases, ensuring the completeness of facilities and equipment, and the stability of teaching quality. At the same time, it is necessary to assess and provide feedback on students' practical abilities and experience, helping them improve their practical abilities and experience [7].

## **2.3. Organize Practice Activities**

Organizing practical activities is one of the important measures to improve the effectiveness of nursing clinical teaching. By organizing students to participate in clinical practice, community clinics and other activities, students can participate in nursing work personally, and cultivate practical abilities and experience. Specifically, the following measures can be taken: First, select suitable practical activities. When selecting practical activities, it is necessary to choose appropriate practical activities, including clinical practice, community clinics, health education, etc., according to the student's actual situation and teaching goals [8]. The selection of appropriate practical activities needs to consider students' practical abilities and experience so that they can obtain more practical opportunities and experiences. Second, develop detailed practical activity plans. Before organizing practical activities, detailed practical activity plans need to be developed to clarify the objectives, content, requirements, and arrangements of the activities, to ensure the smooth operation of practical activities and the realization of educational outcomes. Then, it is necessary to strengthen the organization and management of practical activities [9]. During practical activities, it is necessary to strengthen organization and management, ensure the quality and effectiveness of practical activities. Teachers should guide students to carry out practical activities correctly, ensure the personal safety and property security of students, and pay attention to the process and requirements of the activities, to ensure the smooth operation of practical activities. Finally, it is necessary to strengthen the evaluation and feedback of practical activities. After practical activities are completed, it is essential to evaluate and provide feedback on students' practical abilities and experience, correct errors and deficiencies in a timely manner, help students improve their practical abilities and experience. At the same time, it is necessary to establish practical activity archives, record students' practical process and achievements,

and provide references for students' continued learning and employment [10].

### **3. Improve the Teaching Level of Teachers**

Teachers are the main body of nursing clinical teaching, and their teaching level directly affects the learning effect and practice ability of students. Therefore, to improve the effect of nursing clinical teaching, we must focus on improving the teaching level of teachers. Specifically, the following measures can be taken:

#### ***3.1. Improve the Professional Knowledge Level of Teachers***

Improving the professional knowledge level of teachers is one of the important measures to improve the effectiveness of nursing clinical teaching. Teachers should continuously learn and update nursing knowledge, understand the latest clinical nursing technology and methods, in order to better guide students' learning and practice. Specifically, the following measures can be taken: First, it is necessary to strengthen the training and learning of teachers. Teachers should participate in related training and learning activities, such as academic conferences, seminars, etc., to understand the latest clinical nursing technology and methods, update their professional knowledge and teaching concepts. At the same time, the school can organize teachers to participate in training on teaching methods and techniques, so as to improve teaching quality and effectiveness. Second, it is necessary to strengthen the practical ability and experience of teachers. Teachers should actively participate in clinical practice, personally experience nursing work, and improve their practical ability and experience. Through practical activities, teachers can better understand the actual situation and needs of nursing work, and provide more effective guidance for students' learning and practice. Then, it is necessary to establish a teacher communication platform. Schools can establish a teacher communication platform to provide teachers with an opportunity to communicate and share experiences, promote communication and mutual learning among teachers. Teachers can share their teaching experiences and teaching insights on the communication platform, draw lessons from and absorb other teachers' teaching experiences and teaching methods, and improve their own teaching abilities and level [11]. Finally, it is necessary to establish a teacher assessment mechanism. The school can establish a teacher assessment mechanism to assess and evaluate the teaching quality and effectiveness of teachers. Through the assessment mechanism, teachers can be encouraged to continuously learn and improve their teaching abilities and level, and improve the quality and effectiveness of teaching.

#### ***3.2. Strengthen the Teaching Ability Development of Teachers***

Strengthening the cultivation of teachers' teaching abilities is one of the important measures to improve the effectiveness of nursing clinical teaching. Teachers should continuously improve their teaching abilities, master advanced teaching methods and techniques, in order to better organize teaching activities and guide students' practice. Specifically, the following measures can be taken: First, it is necessary to strengthen the training of teaching abilities. Schools can organize teachers to participate in training on teaching methods, teaching techniques, curriculum design and other aspects, to improve the teaching abilities and level of teachers. Through training, teachers can understand advanced teaching methods and techniques and provide more effective guidance for teaching activities. Second, it is necessary to strengthen the accumulation of teaching experience. Teachers should actively participate in teaching activities, continuously accumulate teaching experience, and improve their teaching abilities and level. Through practice, teachers can better understand students' learning needs and actual situations and provide more effective guidance for teaching activities. Then, it is necessary to strengthen teaching method innovation. Teachers should actively explore and innovate teaching methods, adopt various teaching methods and tools, such as classroom interaction, multimedia teaching, case analysis, etc., to improve teaching effectiveness and attract students' attention. Innovative teaching methods can stimulate students' learning interest and enthusiasm, and improve students' learning effectiveness and quality. Finally, a teaching quality evaluation mechanism should be established. Schools can establish a teaching quality evaluation mechanism to assess and evaluate the teaching quality and effectiveness of teachers. Through the evaluation mechanism, problems and deficiencies in teaching can be timely discovered, and teachers can be helped to continuously improve their teaching abilities and level to improve teaching quality and effectiveness [12].

### ***3.3. Encourage Teachers to Cooperate with Practice Teaching Bases***

Encouraging teachers to collaborate with practical teaching bases is one of the important measures to improve the effectiveness of nursing clinical teaching. Teachers can collaborate with practical teaching bases, participate in nursing work, understand practical needs and environments, to better guide students' practical teaching. Specifically, the following measures can be taken: Firstly, it is necessary to choose suitable cooperative organizations. Teachers can choose suitable cooperative organizations, including hospitals, community health stations, and other practical teaching bases, to participate in nursing work, and understand practical needs and environments. Choosing suitable cooperative organizations needs to consider factors such as organizational scale, practical teaching resources, and teaching quality. Secondly, it is necessary to develop detailed cooperation agreements. Before cooperating with practical teaching bases, it is necessary to develop detailed cooperation agreements, clarify the cooperation content, responsibilities, and requirements of both parties, to ensure the smooth development of cooperation and the realization of teaching effectiveness [13]. Then, it is necessary to strengthen teachers' practical abilities and experiences. Teachers should actively participate in nursing work at practical teaching bases, personally experience nursing work, and improve their practical abilities and experiences. Through practice activities, teachers can better understand the actual situation and needs of nursing work and provide more effective guidance for students' learning and practice. Finally, it is necessary to enhance communication and collaboration between teachers and practical teaching bases. Teachers should actively communicate and collaborate with nursing staff at practical teaching bases, understand the nursing work situation and practical needs of practical teaching bases, and provide more effective guidance for students' learning and practice. At the same time, schools can establish a communication platform between teachers and practical teaching bases to promote communication and collaboration between teachers and practical teaching bases, and improve teaching quality and effectiveness.

## **4. Establish a Good Practice Environment**

Practice environment is an important condition for practice teaching, which directly affects students' practice ability and clinical application level. Therefore, to improve the effect of nursing clinical teaching, a good practice environment must be established. Specifically, the following measures can be taken:

### ***4.1. Improve Practice Facilities and Equipment***

Improving practical facilities and equipment is one of the important measures to improve the effectiveness of nursing clinical teaching. The school should invest more in improving practical teaching facilities and equipment to enhance the quality and effectiveness of practical teaching. Specifically, the following measures can be taken: Firstly, it is necessary to establish advanced practical teaching facilities. The school should establish advanced practical teaching facilities such as practical teaching laboratories and simulated wards to provide students with places and environments for practical teaching. Practical teaching facilities should meet the teaching needs and have conditions such as safety, hygiene, and comfort, so that students can better engage in practical teaching activities. Secondly, it is important to update and improve practical teaching equipment. The school should update and improve practical teaching equipment, including practical teaching instruments, equipment, and materials, to enhance the quality and effectiveness of practical teaching. Practical teaching equipment should meet the latest technical standards and teaching requirements, and meet the practical teaching needs of students. Thirdly, it is important to strengthen the maintenance and management of practical teaching facilities and equipment. The school should strengthen the maintenance and management of practical teaching facilities and equipment to ensure their normal operation and use. At the same time, the school should establish regulations and management systems for the use of practical teaching facilities and equipment to standardize their use and management, and ensure the safety and effectiveness of practical teaching. Finally, it is important to provide training for teachers on the use and management of practical teaching facilities and equipment. The school should provide training for teachers on the use and management of practical teaching facilities and equipment to improve their practical teaching ability and level. Additionally, the school should establish an assessment and evaluation mechanism for teachers' use of practical teaching facilities and equipment, and encourage teachers to continuously improve the quality and effectiveness of practical teaching [14].

#### ***4.2. Establish a Practice Teaching Management System***

Establishing a practical teaching management system is one of the important measures to improve the effectiveness of nursing clinical teaching. Schools should establish a sound practical teaching management system to standardize the process and requirements of practical teaching and ensure smooth implementation. Specifically, the following measures can be taken: Firstly, it is necessary to establish a practical teaching management institution. Schools should establish a practical teaching management institution to clarify the management responsibilities and tasks of practical teaching and ensure its smooth implementation. The practical teaching management institution should include a practical teaching center, a practical teaching guidance committee, etc., to facilitate the unified management and coordination of practical teaching. Secondly, it is important to formulate a practical teaching management system. Schools should formulate a practical teaching management system to clarify the process and requirements of practical teaching, including the planning, organization, implementation, and assessment of practical teaching. The practical teaching management system should be coordinated with the school's teaching management system to ensure the quality and effectiveness of practical teaching. Then, it is important to strengthen the assessment and evaluation of practical teaching. Schools should strengthen the assessment and evaluation of practical teaching, assess and evaluate students' practical teaching activities to improve their practical ability and level. At the same time, schools should establish a practical teaching quality evaluation mechanism to evaluate and monitor the quality and effectiveness of practical teaching, discover problems in a timely manner, and solve them. Finally, it is important to strengthen the information construction of practical teaching. Schools should strengthen the information construction of practical teaching, establish a practical teaching management information system, and realize the information management and service of practical teaching. Through information construction, practical teaching activities can be better managed and monitored, and the efficiency and quality of practical teaching can be improved.

#### ***4.3. Strengthen the Safety Management of Practice Teaching***

Strengthening the safety management of practical teaching is one of the important measures to improve the effectiveness of nursing clinical teaching. Schools should strengthen the safety management of practical teaching, formulate safety regulations and systems, and enhance safety education in practical teaching to ensure students' personal and property safety. Specifically, the following measures can be taken: Firstly, it is necessary to formulate safety regulations and system for practical teaching. Schools should formulate safety regulations and systems for practical teaching, clarify the safety requirements and regulations of practical teaching, including the safety management responsibility, safety education and training, accident prevention and emergency handling, etc. The safety regulations and systems for practical teaching should be linked with the school's safety management system to ensure the safety and smooth implementation of practical teaching. Secondly, it is important to enhance safety education in practical teaching. Schools should enhance safety education in practical teaching, popularize safety knowledge and skills of practical teaching to students, and improve their safety awareness and prevention consciousness. At the same time, schools should strengthen the safety management and supervision of practical teaching to ensure the safety and smooth implementation of practical teaching. Then, it is important to strengthen the safety management of facilities and equipment in practical teaching. Schools should strengthen the safety management of facilities and equipment in practical teaching, ensure the safety and normal operation of practical teaching facilities and equipment. Meanwhile, schools should establish a safety inspection and maintenance mechanism for practical teaching facilities and equipment, regularly inspect the safety situation of practical teaching facilities and equipment, and timely discover and solve safety hazards. Finally, it is important to establish an emergency response mechanism for practical teaching safety. Schools should establish an emergency response mechanism for practical teaching safety, make plans and practice for possible safety accidents in practical teaching. Meanwhile, schools should strengthen the collection and analysis of safety information in practical teaching, discover and solve safety problems in a timely manner, and ensure the safety and smooth implementation of practical teaching.

#### ***4.4. Promote the Results of Practice Teaching***

Promoting the achievements of practical teaching is one of the important measures to improve the effectiveness of nursing clinical teaching. Schools can actively promote the achievements of practical teaching, apply them to practice and research, promote the deep integration of practical teaching and society, and enhance the social value and influence of practical teaching. Specifically, the following

measures can be taken: Firstly, it is necessary to establish a mechanism for the transformation of practical teaching achievements. Schools should establish a mechanism for the transformation of practical teaching achievements, transform practical teaching achievements into practical and research results, and promote the deep integration of practical teaching and society. The mechanism for the transformation of practical teaching achievements should include content such as achievement evaluation, achievement transformation, and achievement promotion, to ensure that practical teaching achievements are fully applied and promoted. Secondly, it is important to strengthen the application and promotion of practical teaching achievements. Schools should strengthen the application and promotion of practical teaching achievements, promote them to society through academic conferences, exhibitions, scientific and technological forums, etc., and enhance the social value and influence of practical teaching. At the same time, schools should strengthen cooperation with relevant units, apply practical teaching achievements to practice and research, and make positive contributions to social and economic development. Then, it is important to strengthen the protection of intellectual property rights of practical teaching achievements. Schools should strengthen the protection of intellectual property rights of practical teaching achievements, protect the intellectual property rights of practical teaching achievements, and prevent infringement of intellectual property rights. At the same time, schools should enhance the ability of independent innovation of practical teaching achievements, strengthen students' awareness and ability of scientific and technological innovation, and promote continuous innovation and development of practical teaching achievements. Finally, it is important to strengthen the evaluation and monitoring of practical teaching achievements. Schools should strengthen the evaluation and monitoring of practical teaching achievements, establish a performance evaluation mechanism for practical teaching achievements, evaluate and monitor practical teaching achievements, timely discover and solve problems, and provide strong support for the application and promotion of practical teaching achievements.

## 5. Conclusion

Nursing clinical teaching is an important component of nursing education in universities and is an important way to cultivate high-quality nursing professionals. By strengthening practical teaching, improving the teaching level of teachers, and establishing a good practical environment, the effectiveness of nursing clinical teaching can be effectively improved, promoting the improvement of students' practical ability and clinical application level, and making contributions to the development of nursing education in universities and the cultivation of nursing talents.

## References

- [1] Uwayezu Marie Goretti, Sego Ruth, Nikuze Bellancille, et al. *Oncology nursing education and practice: looking back, looking forward and Rwanda's perspective*. [J]. *Ecancer medical science*, 2020: 14.
- [2] Susan B. Quelly, Desiree A. Diaz. *Bonus-in-a-Box: Supplemental Evaluation Using Sensory Perceptions in Nursing Education* [J]. *Nurse Educator*, 2020:45-47.
- [3] Burrell Sherry A, Ross Jennifer Gunberg, Heverly MaryAnn, et al. *Psychometric Evaluation of the Nursing Students' Attitudes Toward Nursing Education Research Questionnaire*. [J]. *Journal of nursing measurement*, 2020:14-18.
- [4] Burrell Sherry A, Ross Jennifer Gunberg, Heverly MaryAnn, et al. *Psychometric Evaluation of the Nursing Students' Attitudes Toward Nursing Education Research Questionnaire*. [J]. *Journal of nursing measurement*, 2020:55-58.
- [5] Jacquelyn Hermer, Anne Hirsch, Betty Bekemeier, et al. *Griffin-Sobel, Gail Oneal. Integrating population health into nursing education: The process of gaining commitment from Washington's nursing deans and directors*[J]. *Journal of Professional Nursing*, 2020(2):36.
- [6] Mohammad Yasmeeen Jan, Vertejee Samina, Gulzar Saleema, et al. *Community health nursing clinical teaching models practiced in undergraduate nursing programme at a private university in Pakistan*. [J]. *JPMA. The Journal of the Pakistan Medical Association*, 2019(9):69.
- [7] Foronda Cynthia L, Fernandez-Burgos Margo, Nadeau Catherine, et al. *Virtual Simulation in Nursing Education: A Systematic Review Spanning 1996 to 2018*. [J]. *Simulation in healthcare: journal of the Society for Simulation in Healthcare*, 2020(1):15-18.
- [8] Zhao Yaying, Liu Wenfang, Wang Zheming, et al. *The Value of CBL-Based Teaching Mode in Training Medical Students' Achievement Rate, Practical Ability, and Psychological Quality*[J]. *Contrast Media & Molecular Imaging*, 2022:19-22.

- [9] Phuma-Ngaiyaye Ellemes Everret, Adejumo Oluyinka, Dartey Anita Fafa. *Challenges in Neonatal Nursing Clinical Teaching to Nurse-Midwife Technicians in Malawi. [J]. The Journal of nursing education, 2017(4):55-56.*
- [10] Liu Suo, Wu Dingsheng, Hu Jinyan, et al. *Electrospun flexible core-sheath PAN/PU/ $\beta$ -CD@Ag nanofiber membrane decorated with ZnO: enhance the practical ability of semiconductor photocatalyst. [J]. Environmental science and pollution research international, 2022:29-32.*
- [11] Morrison Susan, Nibert Ainslie. *Letter to the Editor re: Dreher, H. M., Smith Glasgow, M. E., and Schreiber, J. entitled "The use of 'high stakes testing' in nursing education: Rhetoric or rigor?" (July 2019) and Spurlock, D. R., and Phelan, J.'s letter to the editor, entitled "Accuracy and completeness are required: A response to Dreher et al" (October 2019). [J]. Nursing forum, 2020(3):55-58.*
- [12] Cruz Isabel CF da. *Role playing and nursing clinical teaching - systematic literature review[J]. Online Brazilian Journal of Nursing, 2010(1):9.*
- [13] Chuanxiang Ju, Zhiqiang Wang, Zhiyong Wu. *Research on Training Mode and Operation Mechanism of Practical Ability of Computer Specialty under the Background of New Engineering[J]. Journal of Research in Vocational Education, 2021:10-14.*
- [14] Gang Xiao. *Study on Practical Ability of Mathematics Normal University Students[J]. Journal of Educational Research and Policies, 2021:12-14.*