

Practice and Evaluation of Nursing Curriculum Teaching Reform Under the "Curriculum Ideology and Politics" Educational Concept

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ABSTRACT

Taking the nursing curriculum as an example, the teaching reform and effect based on the "curriculum ideology and politics" educational concept was discussed. Students from class 1-2 of 2018 and 2019 nursing major in a college were selected as research objects. 82 vocational college students from class 2019 were selected as test group, and 76 vocational college students from class 2018 were selected as the control group. The control group adopted the traditional teaching method, and the test group adopted the "curriculum ideology and politics" educational concept, integrating ideological and political elements into the specific teaching and conducting an integrated "curriculum ideology and politics" design for each class hour. After the course, students from the two groups were tested for theory, practice and humanistic care ability. The results showed that the theory and practice assessment and humanistic care ability evaluation scores of the test group were higher than those of the control group, and the differences between the two groups were statistically significant. Therefore, the reform of nursing curriculum teaching based on the "curriculum ideology and politics" educational concept would enable students to better master professional theory and practice and enhance students' humanistic care ability. The coordinated promotion of ideological and political education and professional education is worth popularizing.

Keywords: Curriculum ideology and politics, Nursing, Professional curriculum, Teaching reform, Practice; Evaluation

1. INTRODUCTION

Xi Jinping emphasized at the national conference on ideological and political work in colleges and universities that "classroom teaching should be well used as the main channel, and various curriculum and ideological and political curriculum should work in the same direction to form synergistic effects" [1]. It brought new enlightenment for integrating ideological and political education into nursing professional curriculum [2]. Curriculum ideological and political nursing, with professional curriculum as the carrier and ideological and political concepts as the main concept, realize the unity of knowledge transfer and value guidance in professional curriculum [3]. Patriotism education and vocational education are organically combined. While imparting knowledge, they carry out value guidance, and finally realize classroom education and moral cultivation. In recent years, colleges and universities across the country are actively carrying out the "curriculum ideology and politics" construction. Relatively speaking, the construction of vocational colleges is relatively weak, and there are few empirical studies. Professional teachers generally have problems such as insufficient ideological and political

education ability, deficient integrated design of professional talent training objectives, insufficient ideological and political education resources, etc. At the end of 2018, the school launched the "curriculum ideology and politics" education and teaching reform, and the nursing major took the lead in the trial. Starting with the construction of "curriculum ideology and politics" demonstration course or class, the integrated ideological and political design in each class and the whole process has achieved certain results. Taking the "adult nursing" course as an example, this work aims to explore the coordinated promotion between ideological and political education and professional education by deeply excavating and refining the ideological and political elements and moral education functions contained in clinical and classroom under the "curriculum ideology and politics" concept. Students are trained with rich nursing knowledge and exquisite nursing skills. Also, they are cultivated by professional spirit of "protecting life, saving the dead and healing the wounded, willing to contribute and boundless love". The classroom should really become an educational position of "preaching, teaching and dispelling doubts". It is necessary to construct the ideological and political work pattern of all staff, whole process and all-round education, and provide a theoretical basis for improving the examination results and humanistic care ability of nursing students.

2. OBJECTS AND METHODS

2.1. Objects

Students from class 1-2 of 2018 and 2019 nursing major in a college were selected as research objects. 82 vocational college students from class 2019 were selected as test group, including 1 male and 81 female, aged from 19 to 22. 76 vocational college students from class 2018 were selected as control group, including 7 male and 69 female, aged from 19 to 22. Both groups had the same curriculum and teachers. There was no significant difference between the two groups with regard to age, gender and daily performance ($P > 0.05$), which met the basic research requirements.

2.2. Methods

2.2.1. Teaching method

(1) Control group. The control group adopted the traditional teaching mode, mainly explaining the relevant teaching content, and the students mainly listened. (2) Test group. Based on the "curriculum ideology and politics" educational concept, the test group integrated ideological and political elements into teaching and designed an integrated "curriculum ideology and politics" for each course. The following takes the course "nursing of patients with acute myocardial infarction" as an example (see Table 1).

Table 1. Curriculum ideological and political teaching design of "nursing of patients with acute myocardial infarction"

Step link	Teaching content	Ideological and political mapping	Integration method	Time (min)
Classroom organization	Prepare for class (environment, items, self), check attendance	Professional environment, nurses appearance standards, compliance and punctuality	Teachers practice and create environmental atmosphere	1
Pre-class task inspection	Check the effect of "race for life and death - myocardial infarction first aid record" before class	"Time is life" first aid concept	Key word cloud, discussion method	5
Import	News introduction: Maradona died of a sudden myocardial infarction; November 20 is "China myocardial infarction treatment day"	The social responsibility consciousness of "first witness, on-site first aid", the importance of equality in front of life and skilled nursing skills; The ruling idea of "life first" in China	Social hot news attention, teaching law	4
New class	Typical case analysis of acute myocardial infarction	Through the phenomenon to see the essence, specific problems specific analysis; Skill competition spirit, craftsman spirit	Teaching method, CBL teaching method	5
	Formulate the "nursing of patients with acute myocardial infarction" program	Possess holistic nursing concept and systematic thinking; Analyze the main contradiction and secondary contradiction; Application of nursing procedures	Task-driven method, group team collaboration	15
	Implement the "nursing of patients with acute myocardial infarction" program	Professional ethics of "love and dedication, saving the dead and healing the wounded, loving boundless and treating all alike"; Emotional resonance and empathy of "what the urgent patient needs"; Concept of "respecting patients, life first"; Self-cultivation; Teamwork spirit	SP (standardized patient) teaching method, high simulation scenario simulation, role playing	45
Effect evaluation	Comments on summary, self-evaluation, mutual evaluation, teacher evaluation, "the most beautiful nurse" selection	Humanistic quality, communication ability, professional ethics, love and injury concept will be included in the assessment dimension	Teaching method refers to the evaluation form evaluation, give play to the assessment and evaluation baton	10
Expansion	Local news: new results of Yichang Central People's Hospital chest pain center construction in the treatment of patients with acute myocardial infarction	Keep learning and progress, absorb the new knowledge, new technology, new process and new method of industrial upgrading and industry development	Combined with the local hospital examples, combined with the internship	4
Homework assignment	See the course platform assignments for details	Rigorous and meticulous, "learn and practice" (the essence of traditional Chinese culture from the Analects)	Practice method, review	1
Restore training room	Organize and clean the training room	Work is the most glorious, cleaning, maintaining, sorting and placing the training materials, cleaning and eliminating the training room	Labor education	0

2.2.2. Evaluation method

After the course, the theory and operation tests will be conducted. The comprehensive test score = theoretical score (80%) + practical training score (20%). After the course implementation, a questionnaire was issued. The humanistic care ability scale of nursing college students compiled by Huang Yibing was used to evaluate students' humanistic care ability [4]. The scale includes 8 dimensions: instilling faith and hope, health education, humanistic and altruistic values, scientifically solving health problems, helping to meet basic needs, providing a good environment, promoting emotional communication and helping to relieve difficulties. There are 45 items in total, and each item is scored according to Likert level 5. The forward items from "full compliance" to "full non-compliance" were scored 4-0 points respectively, and the reverse items from "full compliance" to "full non-compliance" were scored 0-4 points respectively. The Cronbach's α coefficient and content validity of the scale were 0.904 and 0.960, with good reliability and validity [5].

2.2.3. Statistical method

EpiData 3.0 double entry was used to establish the database, and SPSS 19.0 statistical software was imported for analysis. The measurement data were described by mean \pm standard deviation, and t-test was used for inter group comparison. The difference was statistically significant ($P < 0.05$).

3. RESULTS AND ANALYSES

3.1. Comparison of assessment scores between test and control groups (see Table 2)

Table 2. Comparison of theoretical and practical test scores between test group and control group ($\bar{X} \pm S$, points)

	Test group	Control group	t	P
Theoretical scores	78.23 \pm 2.74	75.46 \pm 3.15	6.623	< 0.01
Practical scores	83.17 \pm 3.25	81.56 \pm 3.42	7.258	< 0.01
Comprehensive scores	85.34 \pm 2.68	82.73 \pm 2.46	8.537	< 0.01

Table 2 shows that the theoretical and practical scores in the test group were higher than the control group, and the difference was statistically significant.

3.2. Comparison of humanistic care ability scores and each dimension scores between test and control groups (see Table 3)

Table 3. Comparison of humanistic care ability scores between test group and control group ($\bar{X} \pm S$, points)

	Test group	Control group	t	P
Instill faith and hope	3.31 \pm 0.57	3.22 \pm 0.57	10.762	< 0.001
Health education	3.37 \pm 0.03	3.28 \pm 0.56	4.490	< 0.001
Humanistic altruistic values	3.51 \pm 0.03	3.25 \pm 0.55	28.083	< 0.001
Solve health problems scientifically	3.26 \pm 0.63	3.06 \pm 0.70	25.208	< 0.001
Assist in meeting basic needs	3.39 \pm 0.31	2.94 \pm 0.55	15.525	< 0.001
Provide a good environment	1.80 \pm 0.06	1.61 \pm 0.92	27.710	< 0.001
Promote emotional communication	3.31 \pm 0.45	3.16 \pm 0.57	11.006	< 0.001
Help relieve difficulties	2.32 \pm 0.68	2.14 \pm 0.79	8.465	< 0.001
Total amount table	3.07 \pm 0.35	2.89 \pm 0.44	23.120	< 0.001

It can be seen from Table 3 that students have greatly improved in humanitarian altruistic values, providing good environment and scientific solution of health problems after the "curriculum ideology and politics" implementation. The humanistic care ability scores and each dimension scores in the test group were higher than the control group ($P < 0.05$).

4. DISCUSSION

4.1. The teaching design and implementation based on the "curriculum ideology and politics" educational concept contributes to strengthening students' theoretical knowledge and improving their skills

The test group students' theoretical and practical scores were higher than the control group. The reason is that students learn more passively with the traditional teaching mode, focusing on theoretical knowledge teaching and examination point strengthening. It is not conducive to mobilizing students' subjective initiative, and it is difficult

for students to maintain their attention for a long time [6]. "Curriculum ideology and politics" teaching reflects the student-centered. While paying attention to the acquisition of students' knowledge, it also pays attention to the changes of students' inner feelings. The classroom integrating ideological and political elements are more warm and attractive. Students can intuitively feel the importance of learning professional knowledge and skills. The accumulation of professional knowledge is not accomplished in a day. Only profound nursing knowledge can shoulder the mission of rescuing the dead and healing the wounded. Each nursing technology operation action should be light, stable, accurate and coherent, constantly refined, and can convey emotion through action, showing beauty, concern and a high sense of responsibility.

4.2. The teaching design and implementation based on the "curriculum ideology and politics" educational concept effectively improve students' humanistic care ability

Nurses and nursing students should have professional knowledge, health education ability and effective communication ability [7]. Health education encourages people to voluntarily change unhealthy behaviors and related factors affecting health behaviors, eliminate or reduce risk factors affecting health, prevent diseases, promote health and improve quality of life through planned, organized and systematic social and educational activities. Interpersonal communication ability is the guarantee for the smooth and efficient completion of nursing practice. It can be seen from Table 3 that students have greatly improved after the "curriculum ideology and politics" implementation, especially in the aspects of humanistic and altruistic values, providing a good environment, solving health problems scientifically, etc. In the traditional teaching mode, the quality, knowledge and skills taught remain at the conceptual level, and the students lack the guidance from the actual life, personal participation and cognitive level. Through the teaching reform under the "curriculum ideology and politics" educational concept, teachers encourage students to participate in teaching activities, pay attention to current affairs and politics and surrounding news, make good use of the situation, and dissolve the "salt" of "ideological and political elements" into the "soup" of classroom teaching. Students are guided to be firm believers, active communicators and model practitioners of socialist core values, thus cultivating high-quality technical and skilled talents with "national feelings, international vision, innovative thinking and craftsman spirit".

4.3. "Curriculum ideology and politics" is the due meaning of talent training, and the key to its implementation lies in teachers

On May 28, 2020, the Ministry of Education issued "guidelines for curriculum ideological and political construction in colleges and universities". "The outline" clearly pointed out that comprehensively promoting curriculum ideological and political construction is to implement the fundamental task of moral education strategy. Comprehensively promoting curriculum ideological and political construction is to guide values in knowledge teaching and ability training, and help students shape correct world outlook, outlook on life and values, which is not only the due meaning of talent training, but also the necessary content [8]. The key to implement "curriculum ideology and politics" educational concept, carry out "curriculum ideology and politics" teaching design and implement "curriculum ideology and politics" teaching implementation lies in teachers. It should comprehensively improve teachers' ability of ideological and political education, mobilize all teachers to consciously, efficiently and accurately integrate moral education into the teaching process, and take the initiative to undertake the responsibility of educating people. It means not only to improve teachers' professional level and teaching ability, but also to improve teachers' ideological and political level and curriculum ideological and political ability. Therefore, the school can set up a curriculum ideological and political research center to focus on party construction, publicity, learning and work, youth league committee, educational administration, professional principals, ideological and political teachers and curriculum ideological and political backbone teachers. By holding seminars and report meetings, sharing experiences and resources, and discussing the contents and methods of curriculum ideological and political teaching, it can help teachers improve their ability and solve the puzzles encountered by professional teachers in curriculum ideological and political teaching reform. In the daily training, teachers' awareness and ability of education should be strengthened by inviting relevant experts to give lectures on ideological and political issues, selecting teachers to attend lectures and conducting investigations and studies. Teachers are guided to improve their own political cultivation and self-consciousness of education and lead students through the selection of teachers' ethics as model, curriculum ideological and political teaching ability competition, curriculum ideological and political teaching research, etc.

5. CONCLUSION

The nursing profession serves people and is tasked with promoting health, preventing disease, restoring health and alleviating suffering. Nurses are also the "angels" who accompany people for the longest time. Nursing profession is endowed with the "gene" of ideological and political education, and nursing education is an important part of the

health care development. In the process of implementing the healthy China strategy, more attention should be paid to the art of healing the wounded and saving the dying, the benevolence with love in mind, solid academic knowledge, the technology with strong skills, and the art of scientific methods by facing the new international situation and the new challenges posed by the epidemic. Carrying out curriculum ideology and politics is an inevitable requirement for training nursing professionals, a correct path to achieve the goal of collaborative education, and an important way to cultivate nursing talents with responsibility to serve people's life and health [9].

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