The application of WeChat auxiliary teaching model in nursing practice teaching of Otolaryngology

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【Abstract】Objective: To explore the application effect of WeChat teaching model in the theory teaching of Otolaryngology nurses. Methods: The nurses in otolaryngology were randomly divided into the experimental group and the control group, 30 in each group. The control group used the traditional teaching method, the experimental group increased the WeChat group to carry out the network teaching, and observed the two groups of practice nurses' theoretical examination scores and teaching satisfaction. Results: Compared with the control group, the results of the experimental group and the satisfaction of the training were significantly improved, and the difference was statistically significant (P<0.05). Conclusion: The application of WeChat teaching model to the theoretical training of nurses in otolaryngology and larynx can obviously improve the mastery of theoretical knowledge of internship nurses.

Keywords: WeChat, otorhinolaryngology, nursing, teaching

In recent years, with the popularity of mobile phone WeChat APP software in the domestic mobile phone users, the network education has gradually infiltrated into the traditional education mode [1,2], according to the past two years, our department launched the teaching mode of "WeChat teaching group " to binding the organic integration of traditional and modern teaching mode, We got good feedback from the students. now we will experience reports as follows.

Materials and Methods

1 Sample selection method

The subjects were randomly selected from January 2014 to December 2017 in the Department of Otorhinolaryngology nurse training in our hospital. 1) WeChat group had 30 people, 26 women, 4 men, the average age was 18-20 years old and 2.

There were 30 people in the control group, 27 women and 3 men, with an average age of 18-20 years.

2 method

WeChat group: In addition to traditional teaching ,we set up a unified WeChat group including nursing students and teachers. we appleid thef WeChat group to release teaching plan, teaching tasks and teaching materials in groups, and carried out teaching activities such as interaction between teachers and students, answering questions and other teaching activities through WeChat group.

The control group: only the traditional teaching mode.

3 assessment of instruction
3.1 operation and theoretical examination results. Two groups of students were given a total of 100 points for the operation and theoretical examination related to the otolaryngology nursing knowledge.

3.2 teaching satisfaction. After the end of the internship, 60 students were investigated by a questionnaire to evaluate the students' satisfaction with the two teaching models.

4 statistical method. The statistical analysis of data was carried out by SPSS20.0 software, t test and x 2 test were used, and P<0.05 was statistically significant.

4.1 results

<table>
<thead>
<tr>
<th>group</th>
<th>number</th>
<th>Exam results</th>
</tr>
</thead>
<tbody>
<tr>
<td>WeChat group</td>
<td>30</td>
<td>91 ± 3.3</td>
</tr>
<tr>
<td>control group</td>
<td>30</td>
<td>83 ± 2.4</td>
</tr>
</tbody>
</table>

P<0.05

Table 2: Comparison of students' satisfaction with two groups

<table>
<thead>
<tr>
<th>group</th>
<th>Satisfactory</th>
<th>dissatisfaction</th>
<th>rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>WeChat group</td>
<td>30</td>
<td>0</td>
<td>100%</td>
</tr>
<tr>
<td>control group</td>
<td>30</td>
<td>7</td>
<td>76.7%</td>
</tr>
</tbody>
</table>

P<0.05

Results and Discussions:

we summarize the characters of the assisted teaching WeCha as follows:

1 information release instantaneity

Teacher could send teaching relative materials every day ahead of time, such as teaching plan, teaching content, teaching place teaching notice, all students can make accurate timely understanding of the teaching task ahead of time.

2 various forms of WeChat data

During the nursing teaching of otolaryngology teaching, students should understand the anatomy, surgery, nursing operation etc, but the simple text or illustrations are difficult to make students master, a vague, to provide effective technical support for the WeChat group but can the students learning teaching. According to the teaching syllabus, the teaching contents of nursing practice could be send by means of PPT, word text, color pictures, audio, animation, video and other three D operation etd by WeChat group release.

3 Online interaction among teachers and students

Each student can puts forward the problems in practice through the WeChat group, teachers can also answer questions and makd each group of students to understand and master. If necessary every students can establish a separate WeChat communication with their teachers; at the same time, Teachers can master the students' learning through the form of a network questionnaire. This form of discussion and active communication in the WeChat group will help improve the friendship between teachers and students and strengthen the construction of the teaching team.

4 A relaxed and flexible learning environment and time

Students can retain the information and problems of the group for a long time, and read them at any time, so that the students can do the fragmented learning at any time and any place they needed. the WeChat group is also more convenient to communicate with others, and make the teaching time to break up the whole into parts[3].

5 environmental protection and paperless

Usually, the clinical teaching need to print a lot of teaching material, usually has no value in retention after teaching, but through the interactive activities of WeChat group, making the use of paper decreased significantly, can effectively reduce the cost of teaching, and further achieve the purpose of environmental protection, saving paper.

6 Existing problems

In addition, based on WeChat platform or APP software, as some scholars studied, we also realized that in the whole teaching process, we still lacked the teaching effectiveness evaluation and feedback process [4,5]. In the future, we will strive to achieve the survey questionnaire of teaching effect and optimize the clinical teaching, to realize that the eaching benefits teachers as well as students.

In conclusion, integrating network information interaction platform into our clinical nursing teaching, integrating classroom learning time and unlimited class time, integrating ability training and teaching objectives, integrating class and class learning, can achieve good teaching results.

Reference:


