



Service Priorities and Programmes Electronic Presentations

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Collaborative project: Educational videos for the Oncology patients

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Introduction

There is a growing literature about the effectiveness in using communication technologies such as videos in the process of teaching chronic disease. This audiovisual strategy delivers health interventions directly to patients and imposes a higher impact on learning with a better understanding when compared to written language. However, it is a great challenge for the nurses to develop an educational video and it seems that "digitally savvy" nursing students who embrace new media technology get used in the creation of the video with innovative ideas. With the collaboration of department of Clinical Oncology, a pilot project was implemented to evaluate the learning experience of nursing students and clinical mentors in the production of instructional videos for the oncology patients. Clinical mentors were assigned to the respective nursing students in facilitating the production and validation the content. Clinical mentors and the nursing students worked as teams and produced 10-15 minute videos with six different topics in 4 months. The teams involved in identification of the educational objectives, designing the content, script development as well as video editing. In order to help the students to build a concrete experience, clinical visit and regular meetings were arranged by two departments.

Objectives

Learning objectives: Upon the completion of project, students will be able to: - describe the basic knowledge in the management of the oncology patients. - describe the nursing roles and care in the management of the oncology patients. - identify the educational needs of the oncology patients. - develop the knowledge and skills in the production of the educational video.

Methodology

Self-administered questionnaires with 18 items using 6-point likert scale (ranged from 1= "strongly disagree to 6="strongly agree") were distributed to the nursing students and clinical mentors after the project. Participants' demographic variables and evaluations of learning experiences were analyzed through the use of descriptive statistics. The analysis of independent sample T-test was used to compare the views of nursing students and clinical mentors on the overall comments of the project, administrative issue, team dynamic and the personal development through this project. Data was also collected from their narrative comments and clinical learning

journal.

Result

40 students were recruited in this project and the median age of the nursing students was 21.7 years old (SD 1.7) and 8 clinical staff were employed as clinical mentors and 75% of them had the experience in the specialty of Oncology for more than 10 years. There was no statistically difference on comparing the views of the nursing students and clinical mentors in several aspects ($p < 0.05$). The mean score of the overall comment was 4.4 (SD: 0.7 & SD 0.5: clinical mentor). Both nursing students and clinical mentors generally agreed that the project met its stated objectives. (Mean: 4.4; SD 0.7 & 4.38 ; SD: 0.5). For the students' perspective, the highest rating items were " I have gained new knowledge in the care of the oncology patients through this project" and " I am able to identify educational needs of the oncology patients". The least rating item was "workload is about right". Meanwhile, clinical mentors rated the highest score in the item of "enhancement the expertise in the management of the oncology patients" and there was statistically difference in gaining the skills in the production of the educational video among two groups. For the narrative comments, they were consistent with the statistical findings. Knowledge in the management of the oncology patients had been enhanced among students and clinical mentors through the collaborative pilot project with the Department of Clinical Oncology. Further study is required to evaluate the effects of the youth-made education video in the acquisition of the information and level of satisfaction of the oncology patients.