Development and evaluation of online active learning program on community health nursing analysis for bachelor nursing students

Azusa, Arimoto
Yokohama City University, Graduate School of Medicine, Department of Community Health Nursing
Eiki, Akatsuka
Yokohama City University, Graduate School of Medicine, Department of Community Health Nursing
Yuka, Iwata
Yokohama City University, Graduate School of Medicine, Department of Community Health Nursing
Eriko, Ito
Yokohama City University, Graduate School of Medicine, Department of Community Health Nursing

Background
The importance of planning and developing community nursing activities according to the characteristics of the community is increasing due to the complexity of health issues. Nursing students need to learn the methodology of community health nursing analysis. However,the COVID-19 pandemic has limited learning opportunities.

Aim of the study
To develop the online active learning program on community health nursing analysis for bachelor nursing students and evaluate learning achievement through self-evaluation by students.

Methods
Participants were 96 second year nursing university students who learned the online active learning program on community health nursing analysis in 2021. The program includes analysis of materials, photovoice, planning community nursing activities, and online presentation. Students analyzed community health of one real community using community as partner model and proposed to health and welfare workers of the local government. Data were self-evaluation forms that students completed the end of the program including learning achievement items and free description. Data were analyzed by the quantitative methods and qualitative method.

Results
Academic achievement item that most students evaluate higher was "Assess the information and find community characteristic." Students described on comprehension such as "Understand community characteristics by synthesis of multidirectional information and assessment" and "Ensure that planning and dissemination are tailored to target population characteristics."

Conclusions and implications
Results suggested that nursing university students could well understand community health analysis through analysis of materials, photovoice, planning and presentation. This program also could contribute to the promotion of health and welfare activities through collaboration with local governments.